

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
 Data File : VN072587.D
 Acq On : 24 May 2022 14:40
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: May 24 14:59:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052422W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 24 14:54:19 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/25/2022
 Supervised By : Mahesh Dadoda 05/25/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.081	168	146473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	222213	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	211066	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	92911	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	169132	77.568	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 155.140%#	
35) Dibromofluoromethane	8.016	113	151385	101.920	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 203.840%#	
50) Toluene-d8	10.439	98	598104	106.027	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 212.060%#	
62) 4-Bromofluorobenzene	12.727	95	204259	98.020	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 196.040%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.063	85	128570	77.398	ug/l	99
3) Chloromethane	2.293	50	157113	99.373	ug/l	99
4) Vinyl Chloride	2.434	62	134489	104.008	ug/l	99
5) Bromomethane	2.810	94	79203	70.164	ug/l	97
6) Chloroethane	2.975	64	80383	57.601	ug/l	98
7) Trichlorofluoromethane	3.351	101	227887	79.776	ug/l	96
8) Diethyl Ether	3.816	74	93059	105.412	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.198	101	134114	95.901	ug/l	97
10) Methyl Iodide	4.410	142	190101	106.885	ug/l	98
11) Tert butyl alcohol	5.369	59	166290	725.689	ug/l	98
12) 1,1-Dichloroethene	4.169	96	129699	104.832	ug/l	97
13) Acrolein	4.028	56	98279	355.295	ug/l	98
14) Allyl chloride	4.828	41	248620	118.560	ug/l	90
15) Acrylonitrile	5.545	53	525252	621.807	ug/l	98
16) Acetone	4.275	43	389769	540.935	ug/l	97
17) Carbon Disulfide	4.516	76	338301	106.383	ug/l	100
18) Methyl Acetate	4.840	43	224418	102.781	ug/l	95
19) Methyl tert-butyl Ether	5.604	73	479748	97.167	ug/l	99
20) Methylene Chloride	5.087	84	164892	98.350	ug/l	95
21) trans-1,2-Dichloroethene	5.587	96	142888	104.842	ug/l	99
22) Diisopropyl ether	6.487	45	522831	112.906	ug/l	93
23) Vinyl Acetate	6.422	43	2298010	576.035	ug/l	96
24) 1,1-Dichloroethane	6.381	63	273218	98.693	ug/l	99
25) 2-Butanone	7.328	43	695946	607.630	ug/l	96
26) 2,2-Dichloropropane	7.316	77	213702	85.389	ug/l	99
27) cis-1,2-Dichloroethene	7.316	96	175536	103.205	ug/l	97
28) Bromochloromethane	7.645	49	116914	104.308	ug/l	94
29) Tetrahydrofuran	7.675	42	457749	660.764	ug/l	93
30) Chloroform	7.810	83	279834	89.350	ug/l	100
31) Cyclohexane	8.092	56	254154	98.097	ug/l	92
32) 1,1,1-Trichloroethane	8.010	97	248095	87.341	ug/l	96
36) 1,1-Dichloropropene	8.216	75	212202	102.975	ug/l	100
37) Ethyl Acetate	7.404	43	279434	118.855	ug/l	98
38) Carbon Tetrachloride	8.198	117	219190	87.245	ug/l	99
39) Methylcyclohexane	9.457	83	270629	110.189	ug/l	99
40) Benzene	8.451	78	665090	108.593	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	137645	120.616	ug/l	91
42) 1,2-Dichloroethane	8.522	62	210746	77.200	ug/l	99
43) Isopropyl Acetate	8.557	43	417841	112.956	ug/l	97
44) Trichloroethene	9.210	130	172949	103.666	ug/l	95
45) 1,2-Dichloropropane	9.486	63	174212	113.909	ug/l	98
46) Dibromomethane	9.569	93	116795	103.119	ug/l	99
47) Bromodichloromethane	9.757	83	231512	99.657	ug/l	97
48) Methyl methacrylate	9.557	41	202686	114.807	ug/l	94
49) 1,4-Dioxane	9.563	88	79619	4151.996	ug/l	99
51) 4-Methyl-2-Pentanone	10.327	43	1390407	571.640	ug/l	98
52) Toluene	10.498	92	436456	111.258	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	266717	107.702	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	283330	113.830	ug/l	97
55) 1,1,2-Trichloroethane	10.892	97	178872	104.968	ug/l	97
56) Ethyl methacrylate	10.757	69	300114	117.996	ug/l	96
57) 1,3-Dichloropropane	11.039	76	302383	105.510	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	647155	918.417	ug/l	97
59) 2-Hexanone	11.080	43	984267	580.769	ug/l	97
60) Dibromochloromethane	11.233	129	197924	102.669	ug/l	100
61) 1,2-Dibromoethane	11.339	107	191468	108.547	ug/l	100
64) Tetrachloroethene	10.974	164	162574	107.866	ug/l	97
65) Chlorobenzene	11.763	112	469088	106.705	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	182833	103.528	ug/l	98
67) Ethyl Benzene	11.839	91	856173	112.184	ug/l	99
68) m/p-Xylenes	11.945	106	657842	224.916	ug/l	100
69) o-Xylene	12.274	106	326429	109.821	ug/l	97
70) Styrene	12.286	104	536704	117.250	ug/l	98
71) Bromoform	12.451	173	156371	113.629	ug/l #	99
73) Isopropylbenzene	12.574	105	837167	107.553	ug/l	100
74) N-amyl acetate	12.380	43	322684	120.479	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.821	83	256675	104.993	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	228006m	83.545	ug/l	
77) Bromobenzene	12.857	156	204078	101.363	ug/l	98
78) n-propylbenzene	12.916	91	976493	114.486	ug/l	99
79) 2-Chlorotoluene	13.004	91	558141	99.374	ug/l	99
80) 1,3,5-Trimethylbenzene	13.051	105	670765	101.494	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	90830	126.926	ug/l	93
82) 4-Chlorotoluene	13.098	91	541508	103.182	ug/l	99
83) tert-Butylbenzene	13.315	119	622204	107.830	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	659561	102.408	ug/l	100
85) sec-Butylbenzene	13.498	105	867044	115.140	ug/l	99
86) p-Isopropyltoluene	13.610	119	708264	115.116	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	350601	106.468	ug/l	98
88) 1,4-Dichlorobenzene	13.686	146	344903	108.028	ug/l	98
89) n-Butylbenzene	13.939	91	583485	125.049	ug/l	99
90) Hexachloroethane	14.204	117	125136	113.791	ug/l	98
91) 1,2-Dichlorobenzene	13.980	146	336735	102.980	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.598	75	52883	108.310	ug/l	94
93) 1,2,4-Trichlorobenzene	15.257	180	201622	138.127	ug/l	100
94) Hexachlorobutadiene	15.362	225	97210	107.190	ug/l	99
95) Naphthalene	15.498	128	689253	158.444	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	206050	136.242	ug/l	98

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ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Tue May 24 14:54:19 2022
Response via : Initial Calibration

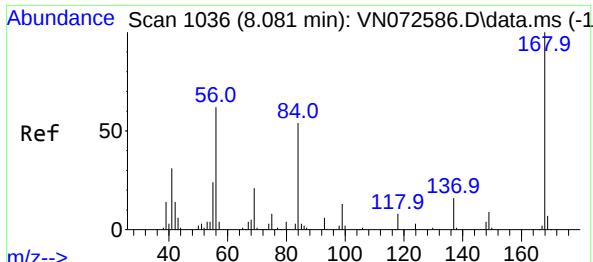
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

Instrument :

MSVOA_N

ClientSampleId :

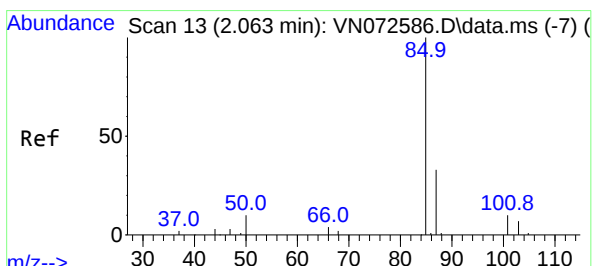
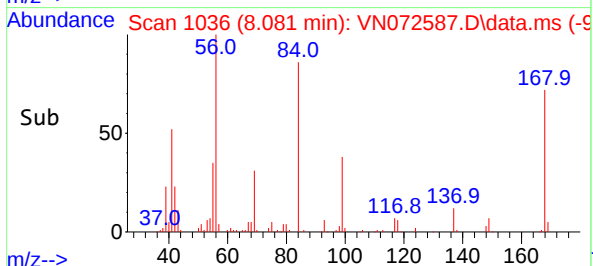
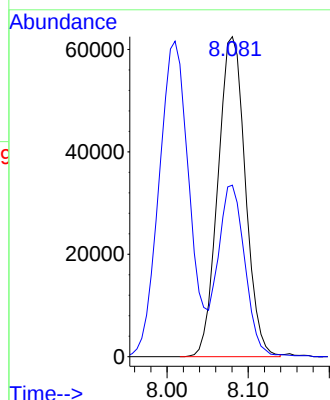
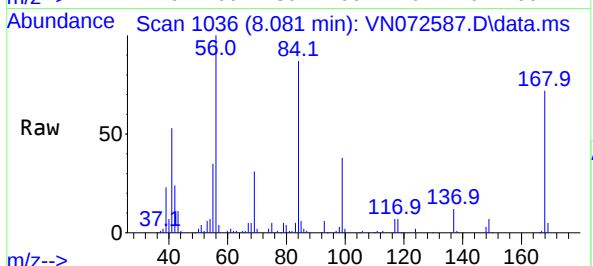
VSTDICC100

Tgt Ion:168 Resp: 14647
Ion Ratio Lower Upper
168 100
99 52.9 42.3 63.5

Manual Integrations

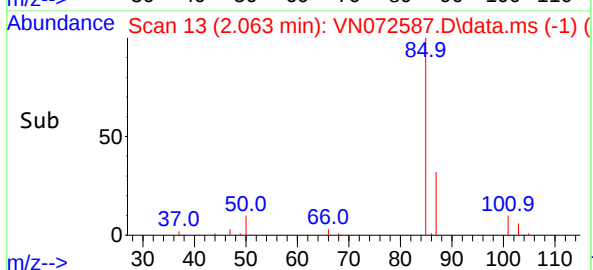
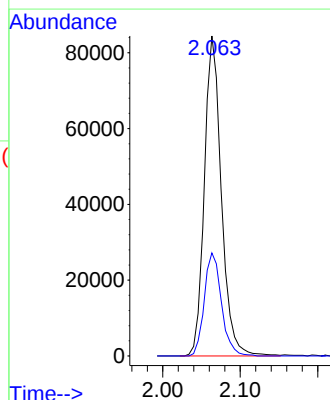
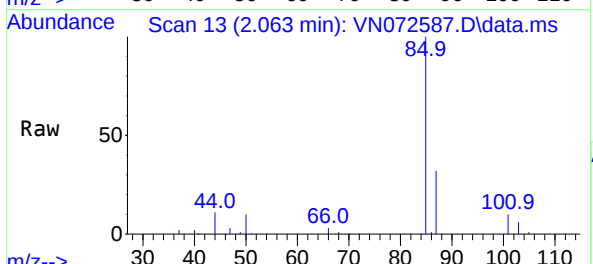
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Supervised By :Mahesh Dadoda 05/25/2022

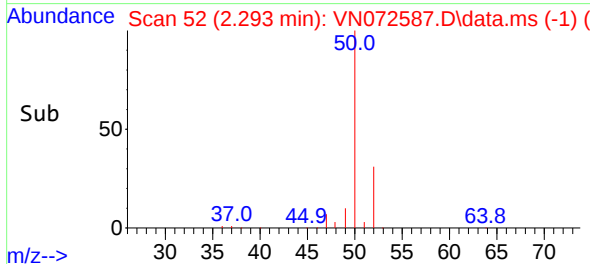
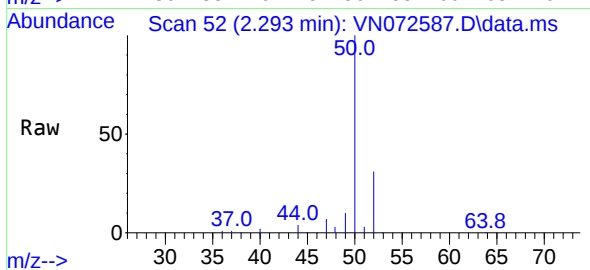
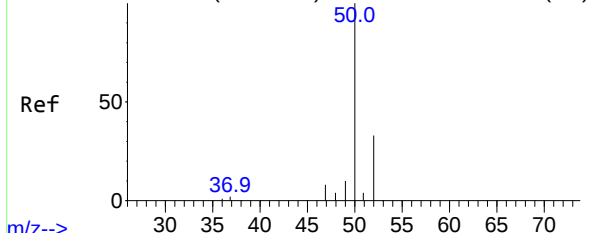


#2
Dichlorodifluoromethane
Concen: 77.398 ug/l
RT: 2.063 min Scan# 13
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

Tgt Ion: 85 Resp: 128570
Ion Ratio Lower Upper
85 100
87 32.2 15.7 47.1



Abundance Scan 52 (2.293 min): VN072586.D\data.ms (-46)



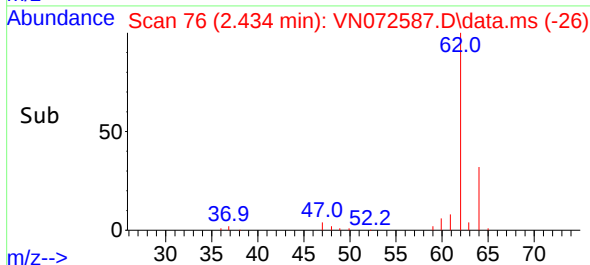
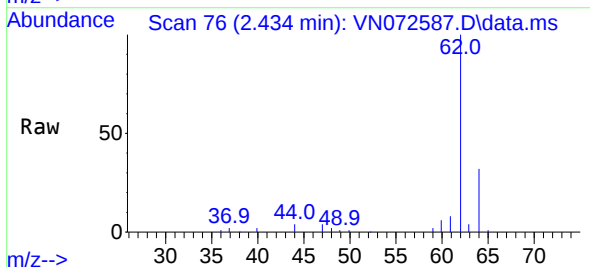
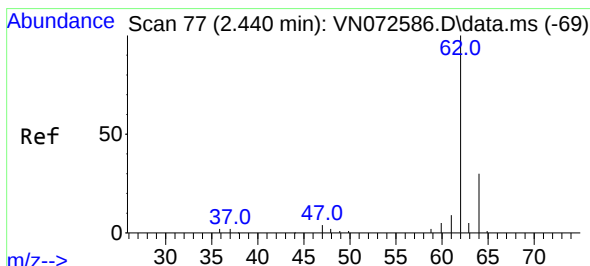
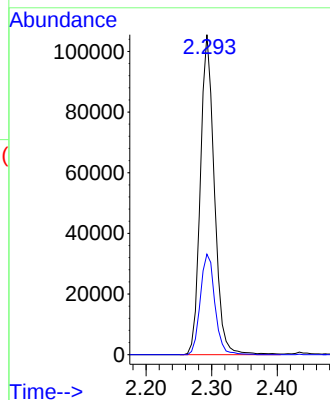
#3
Chloromethane
Concen: 99.373 ug/l
RT: 2.293 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 50 Resp: 15711
Ion Ratio Lower Upper
50 100
52 31.4 25.7 38.5

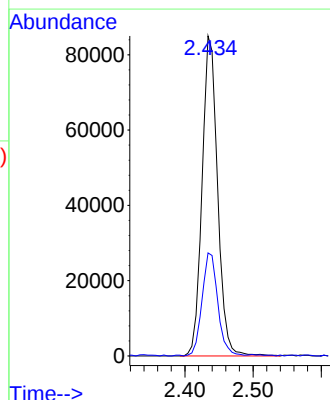
Manual Integrations
APPROVED

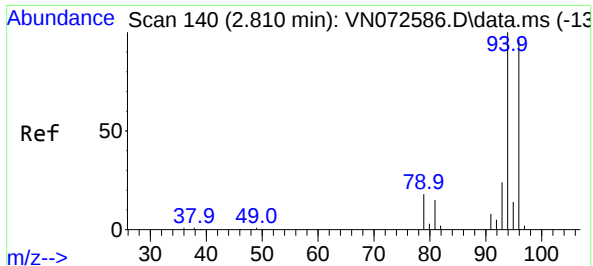
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#4
Vinyl Chloride
Concen: 104.008 ug/l
RT: 2.434 min Scan# 76
Delta R.T. -0.006 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

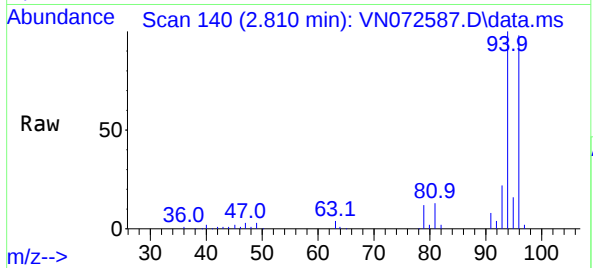
Tgt Ion: 62 Resp: 134489
Ion Ratio Lower Upper
62 100
64 31.9 25.0 37.4





#5
Bromomethane
Concen: 70.164 ug/l
RT: 2.810 min Scan# 140
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

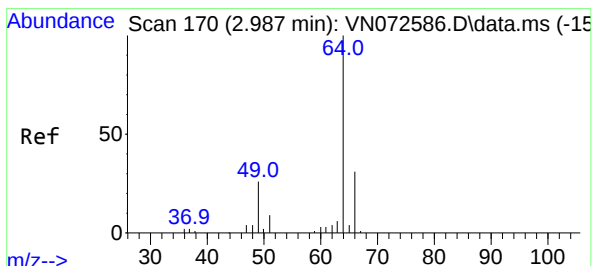
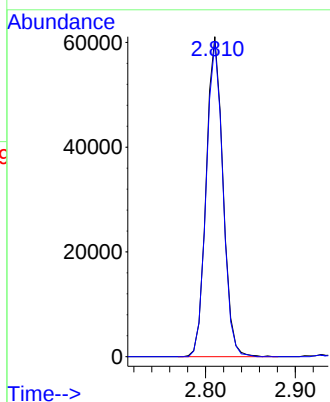
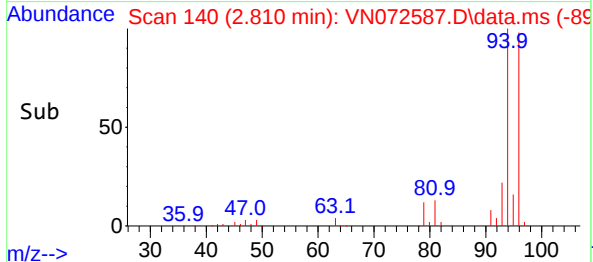
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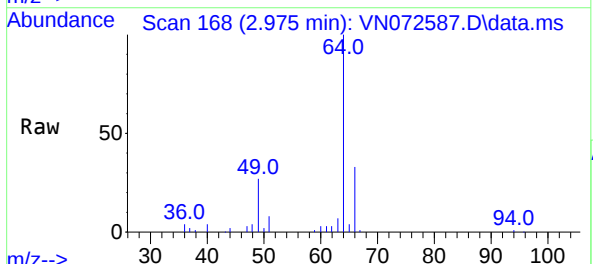
Tgt Ion: 94 Resp: 7920
Ion Ratio Lower Upper
94 100
96 98.3 76.0 114.0

Manual Integrations
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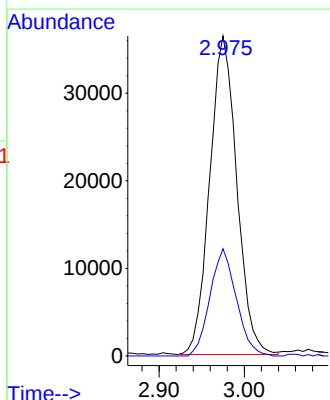
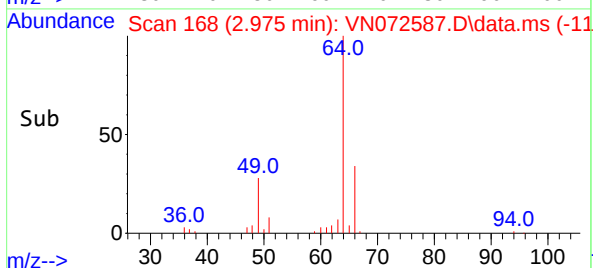
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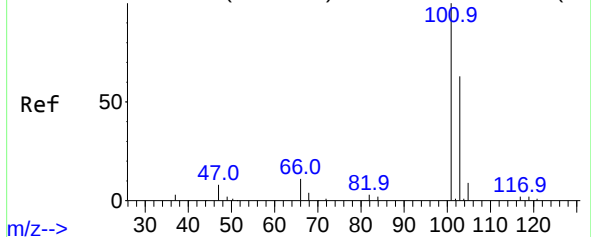
#6
Chloroethane
Concen: 57.601 ug/l
RT: 2.975 min Scan# 168
Delta R.T. -0.012 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40



Tgt Ion: 64 Resp: 80383
Ion Ratio Lower Upper
64 100
66 33.7 26.2 39.4



Abundance Scan 233 (3.357 min): VN072586.D\data.ms (-22



#7

Trichlorofluoromethane

Concen: 79.776 ug/l

RT: 3.351 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN072587.D

Acq: 24 May 2022 14:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion:101 Resp: 22788

Ion Ratio Lower Upper

101 100

103 67.5 51.5 77.3

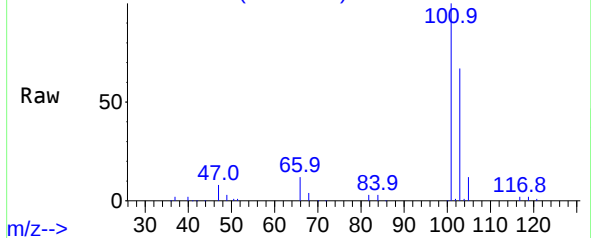
Manual Integrations

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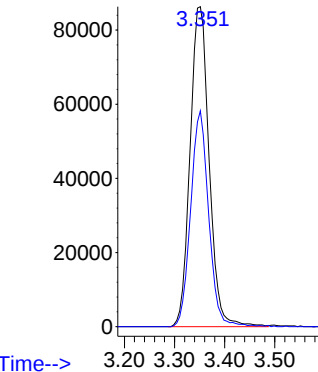
Reviewed By :John Carlone 05/25/2022

Supervised By :Mahesh Dadoda 05/25/2022

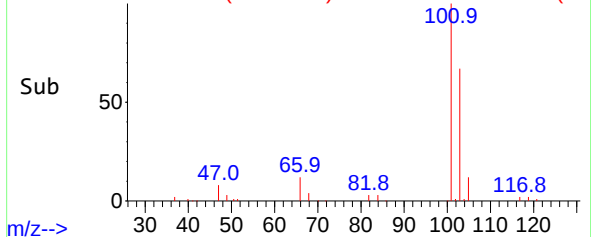
Abundance Scan 232 (3.351 min): VN072587.D\data.ms



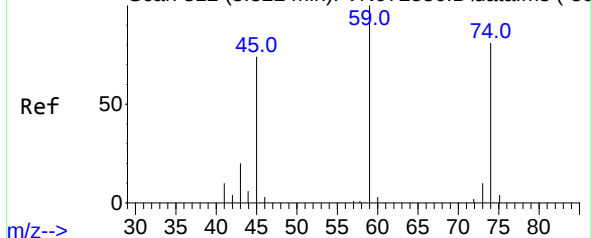
Abundance



Abundance Scan 232 (3.351 min): VN072587.D\data.ms (-18



Abundance Scan 312 (3.822 min): VN072586.D\data.ms (-30



#8

Diethyl Ether

Concen: 105.412 ug/l

RT: 3.816 min Scan# 311

Delta R.T. -0.006 min

Lab File: VN072587.D

Acq: 24 May 2022 14:40

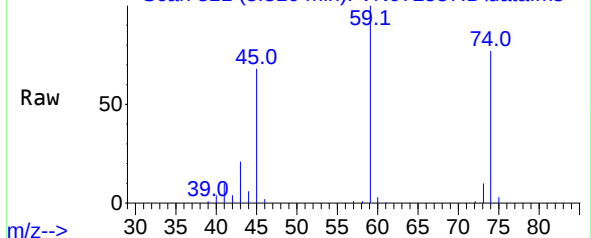
Tgt Ion: 74 Resp: 93059

Ion Ratio Lower Upper

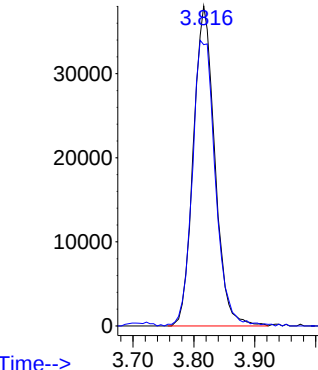
74 100

45 96.0 42.9 128.5

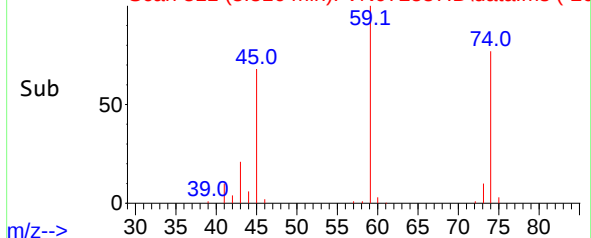
Abundance Scan 311 (3.816 min): VN072587.D\data.ms

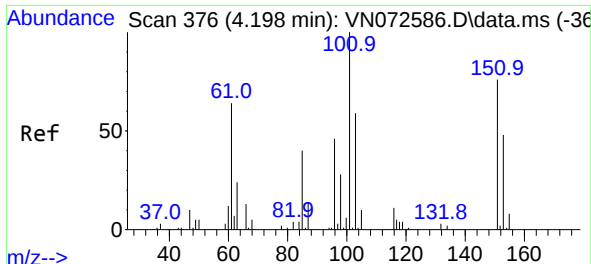


Abundance



Abundance Scan 311 (3.816 min): VN072587.D\data.ms (-26





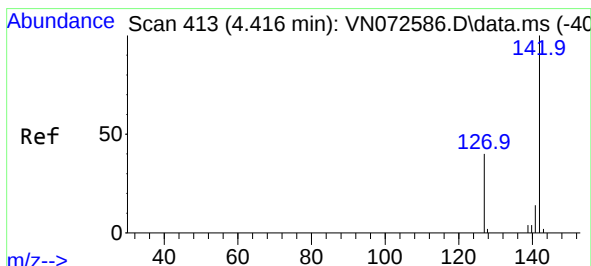
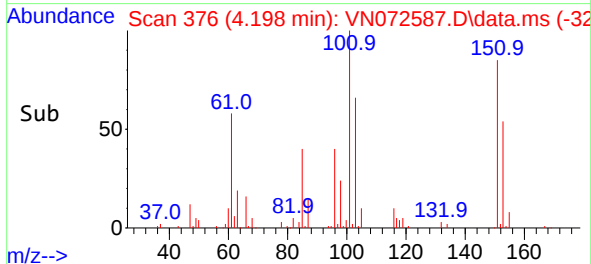
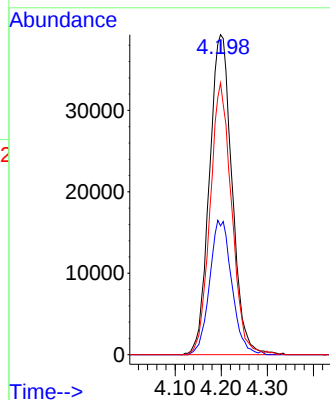
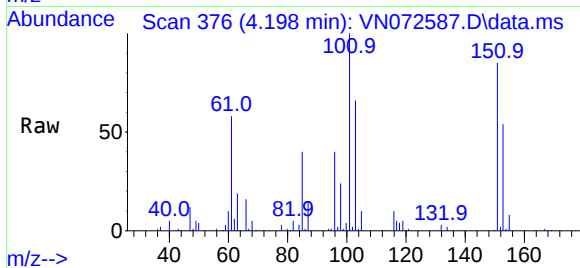
#9
1,1,2-Trichlorotrifluoroethane
Concen: 95.901 ug/l
RT: 4.198 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:101 Resp: 134114
Ion Ratio Lower Upper
101 100
85 41.2 34.7 52.1
151 80.8 63.0 94.4

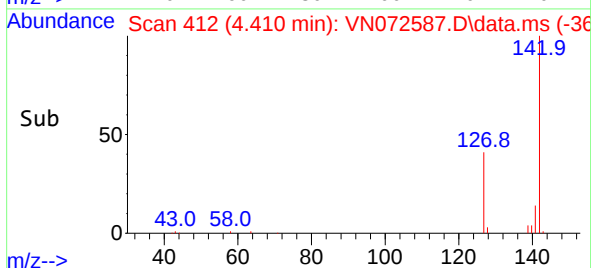
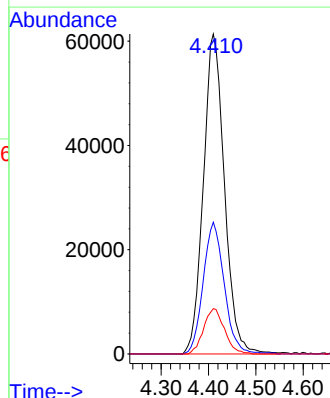
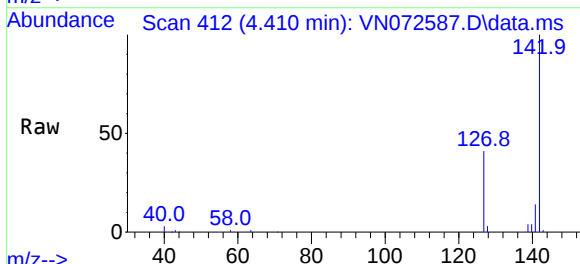
Manual Integrations
APPROVED

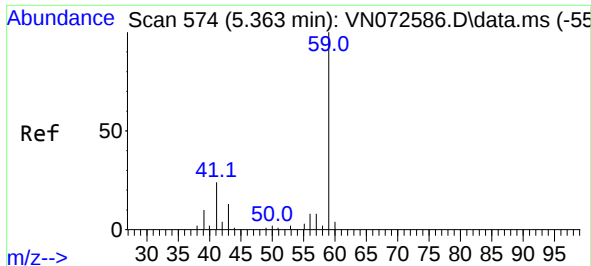
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#10
Methyl Iodide
Concen: 106.885 ug/l
RT: 4.410 min Scan# 412
Delta R.T. -0.006 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

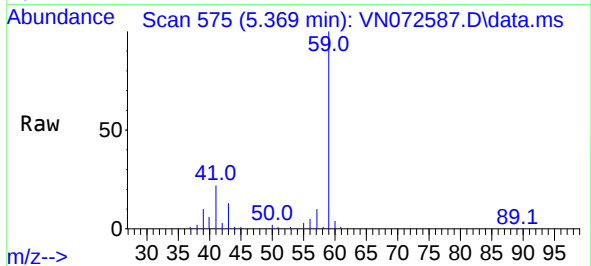
Tgt Ion:142 Resp: 190101
Ion Ratio Lower Upper
142 100
127 41.1 31.3 46.9
141 14.0 11.2 16.8





#11
Tert butyl alcohol
Concen: 725.689 ug/l
RT: 5.369 min Scan# 511
Delta R.T. 0.006 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

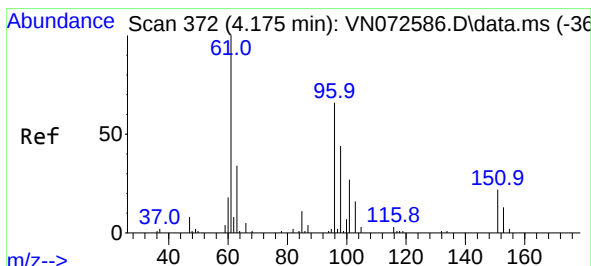
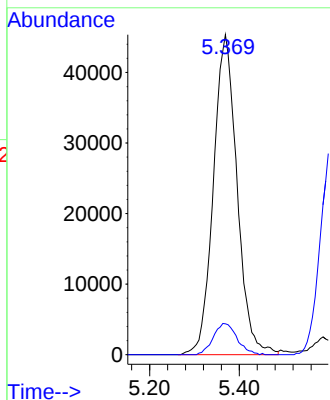
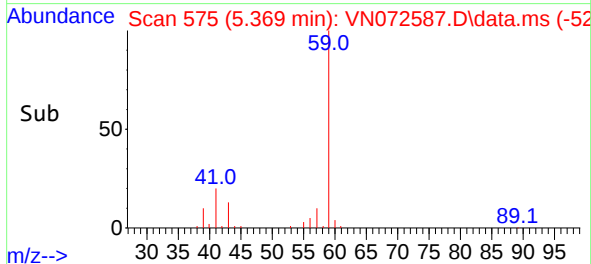
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



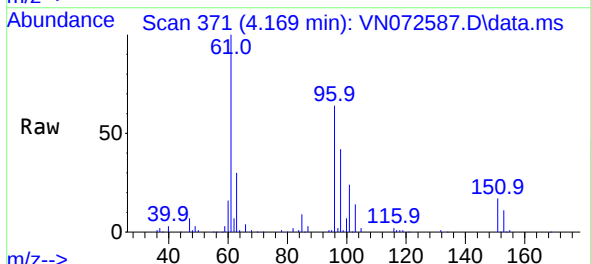
Tgt Ion: 59 Resp: 166290
Ion Ratio Lower Upper
59 100
57 9.8 8.3 12.5

Manual Integrations
APPROVED

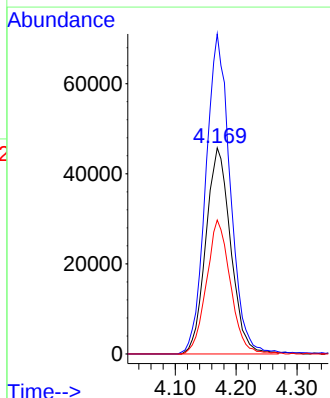
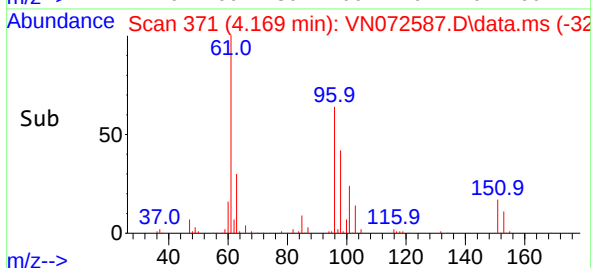
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

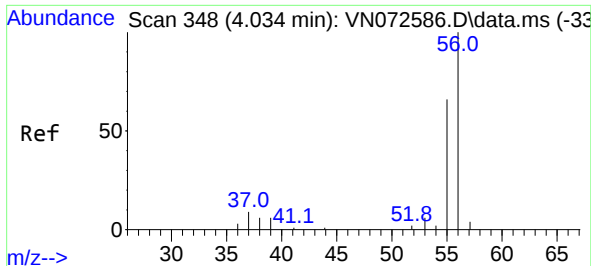


#12
1,1-Dichloroethene
Concen: 104.832 ug/l
RT: 4.169 min Scan# 371
Delta R.T. -0.006 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40



Tgt Ion: 96 Resp: 129699
Ion Ratio Lower Upper
96 100
61 155.3 127.6 191.4
98 65.0 51.2 76.8





#13

Acrolein

Concen: 355.295 ug/l

RT: 4.028 min Scan# 34

Delta R.T. -0.006 min

Lab File: VN072587.D

Acq: 24 May 2022 14:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 56 Resp: 98279

Ion Ratio Lower Upper

56 100

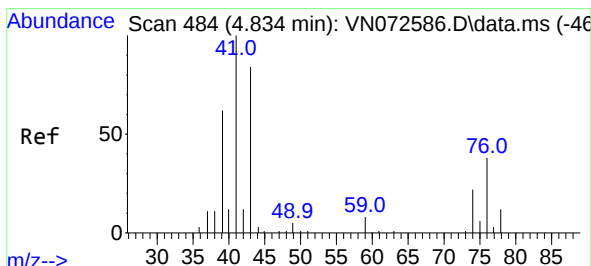
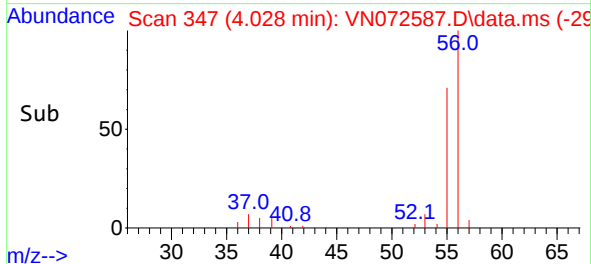
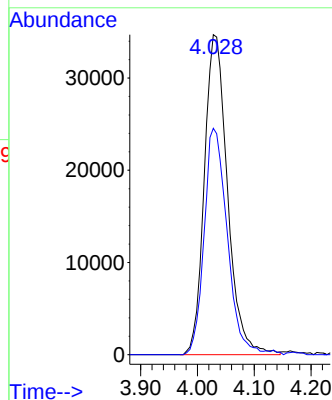
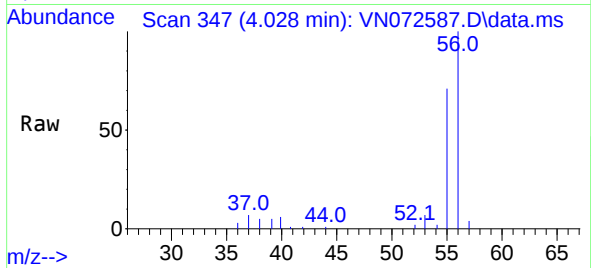
55 70.1 54.8 82.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2022

Supervised By :Mahesh Dadoda 05/25/2022



#14

Allyl chloride

Concen: 118.560 ug/l

RT: 4.828 min Scan# 483

Delta R.T. -0.006 min

Lab File: VN072587.D

Acq: 24 May 2022 14:40

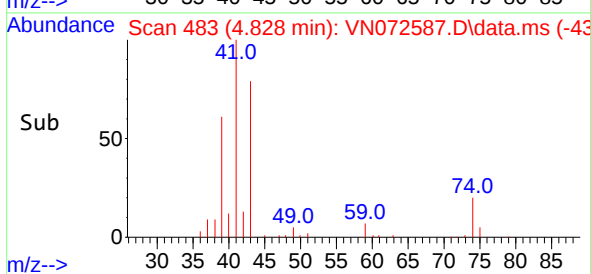
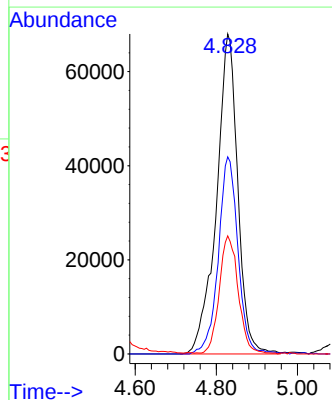
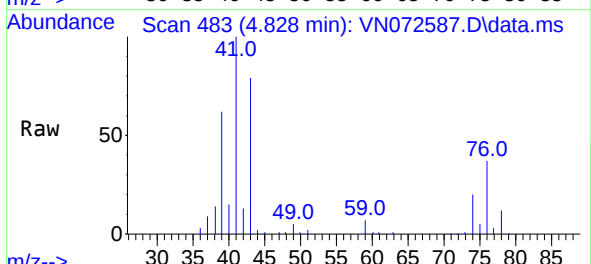
Tgt Ion: 41 Resp: 248620

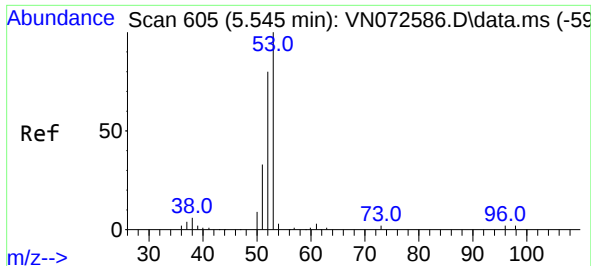
Ion Ratio Lower Upper

41 100

39 56.7 53.2 79.8

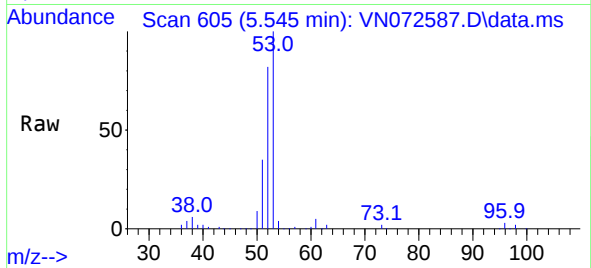
76 33.0 29.9 44.9





#15
Acrylonitrile
Concen: 621.807 ug/l
RT: 5.545 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

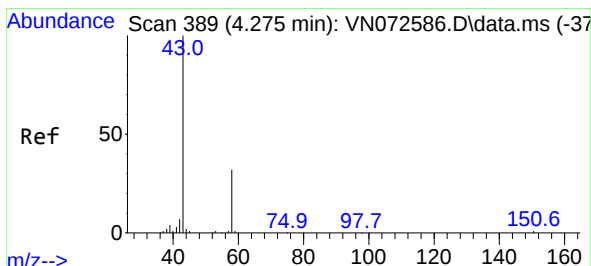
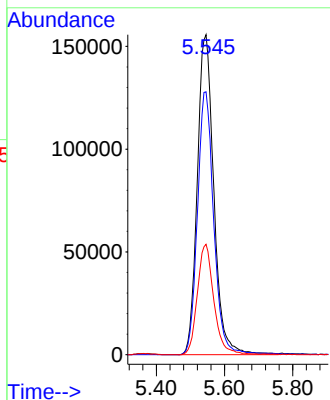
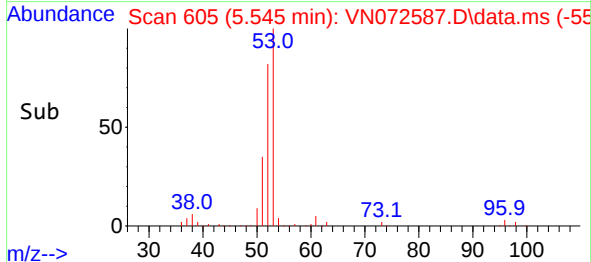
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



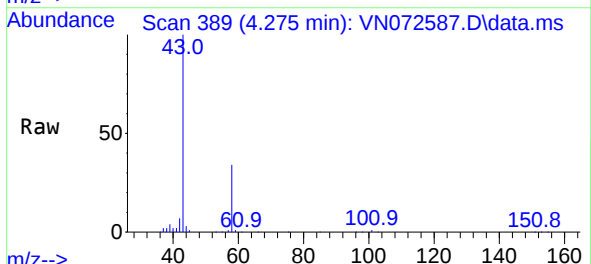
Tgt Ion: 53 Resp: 525252
Ion Ratio Lower Upper
53 100
52 80.9 66.4 99.6
51 34.4 28.5 42.7

Manual Integrations
APPROVED

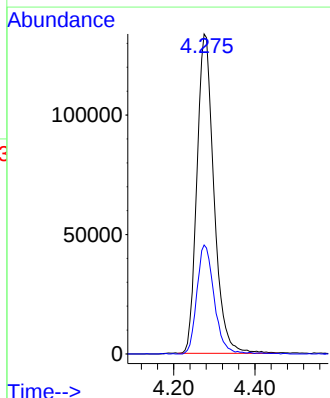
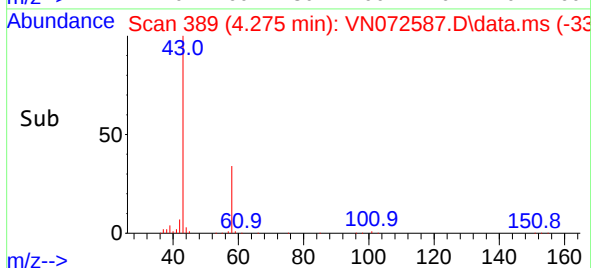
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

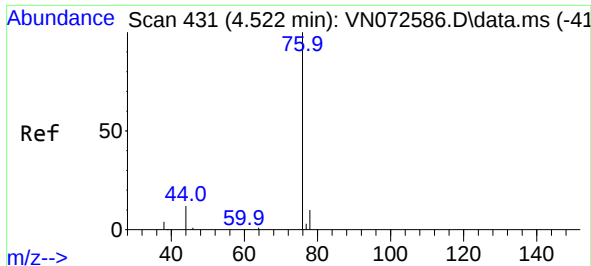


#16
Acetone
Concen: 540.935 ug/l
RT: 4.275 min Scan# 389
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40



Tgt Ion: 43 Resp: 389769
Ion Ratio Lower Upper
43 100
58 34.1 26.0 39.0





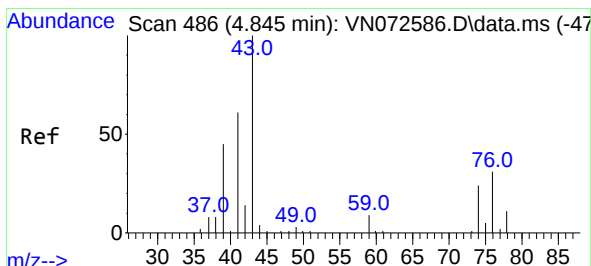
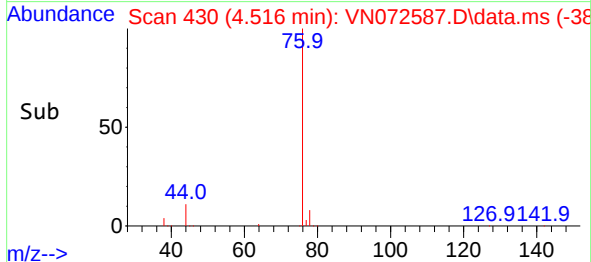
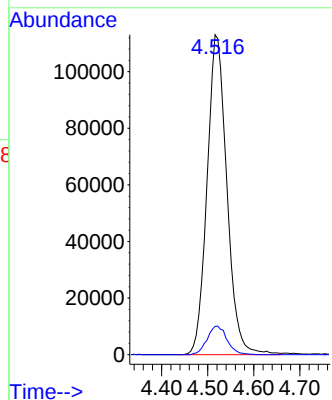
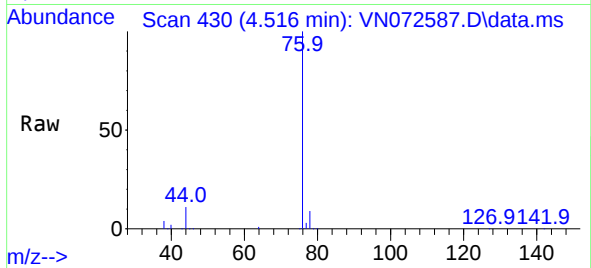
#17
Carbon Disulfide
Concen: 106.383 ug/l
RT: 4.516 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 76 Resp: 33830
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

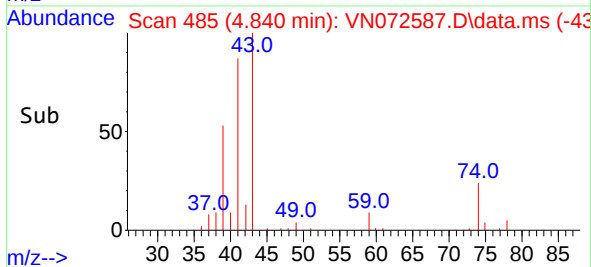
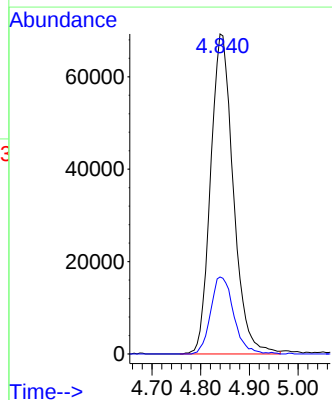
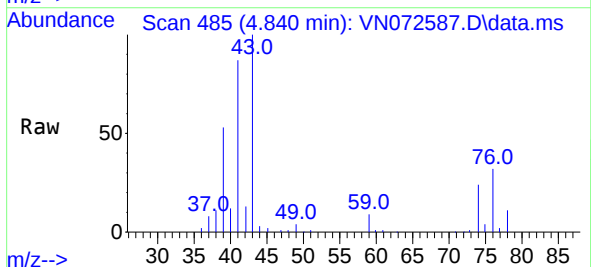
Manual Integrations
APPROVED

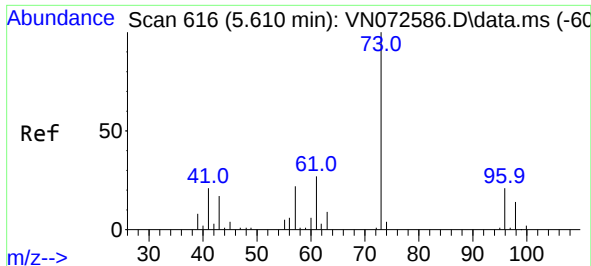
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#18
Methyl Acetate
Concen: 102.781 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.006 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

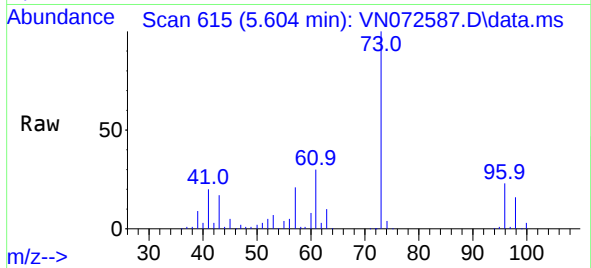
Tgt Ion: 43 Resp: 224418
Ion Ratio Lower Upper
43 100
74 24.3 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 97.167 ug/l
RT: 5.604 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

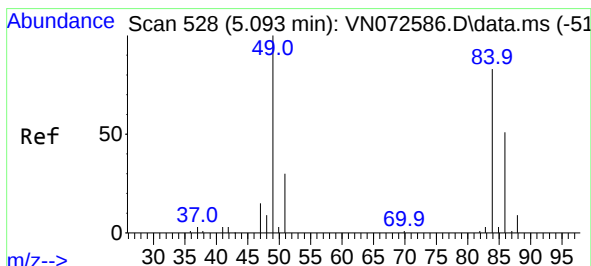
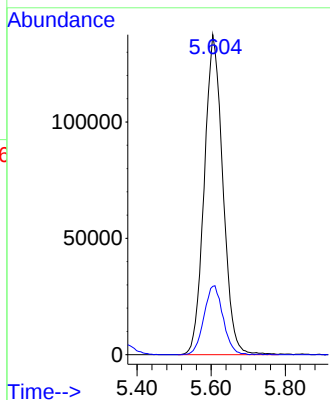
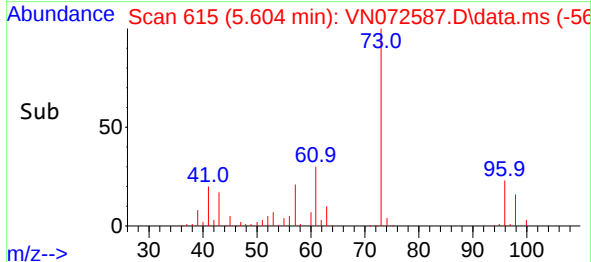
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



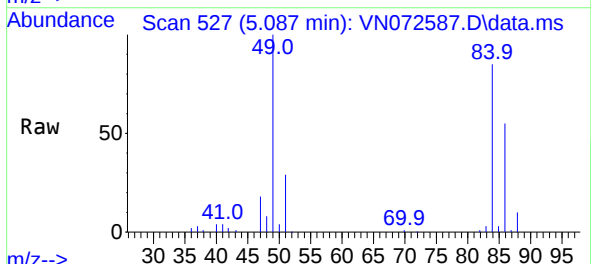
Tgt Ion: 73 Resp: 479748
Ion Ratio Lower Upper
73 100
57 21.4 17.6 26.4

Manual Integrations
APPROVED

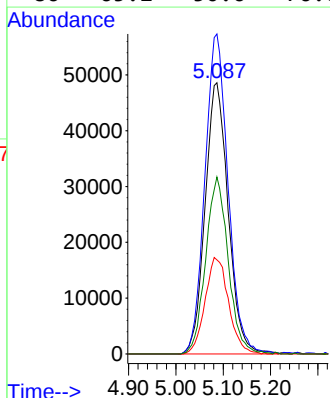
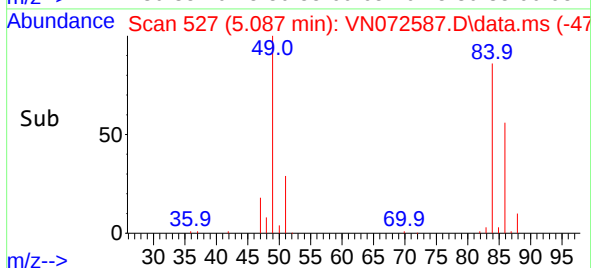
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

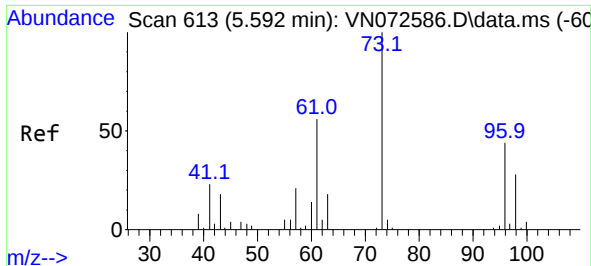


#20
Methylene Chloride
Concen: 98.350 ug/l
RT: 5.087 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40



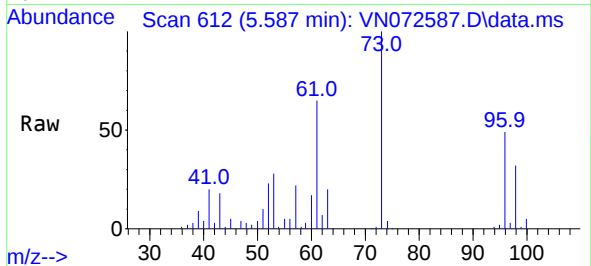
Tgt Ion: 84 Resp: 164892
Ion Ratio Lower Upper
84 100
49 118.0 88.3 132.5
51 34.7 28.2 42.2
86 65.2 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 104.842 ug/l
RT: 5.587 min Scan# 613
Delta R.T. -0.006 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

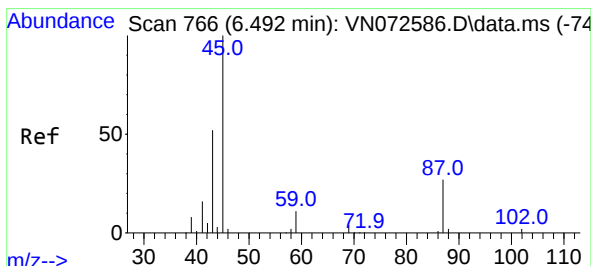
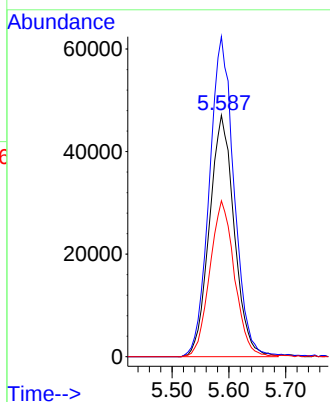
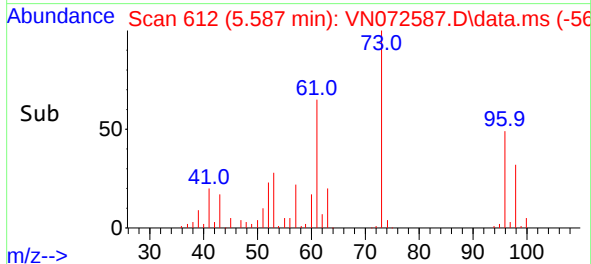
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



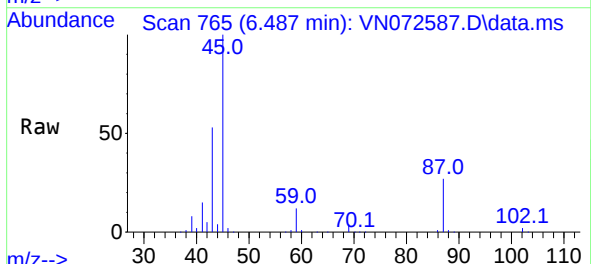
Tgt Ion: 96 Resp: 142888
Ion Ratio Lower Upper
96 100
61 132.6 105.8 158.8
98 64.6 50.3 75.5

Manual Integrations
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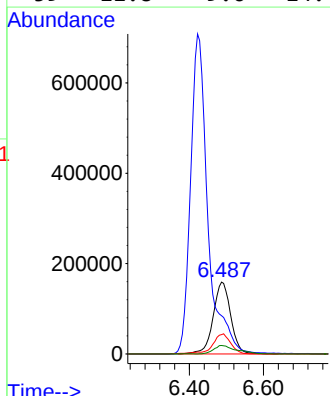
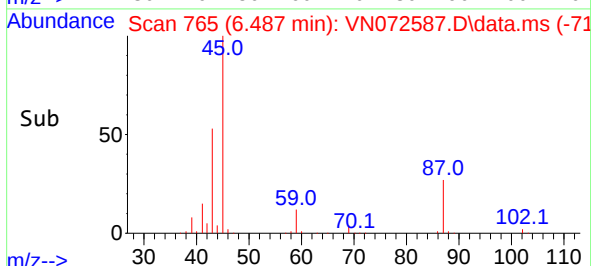
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

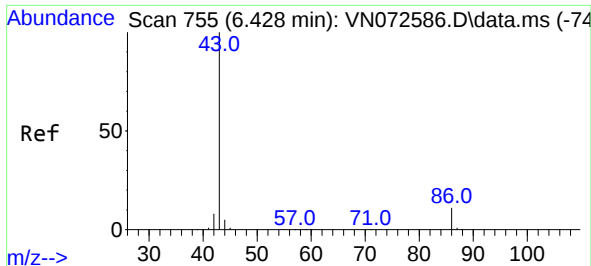


#22
Diisopropyl ether
Concen: 112.906 ug/l
RT: 6.487 min Scan# 765
Delta R.T. -0.006 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40



Tgt Ion: 45 Resp: 522831
Ion Ratio Lower Upper
45 100
43 52.1 46.6 70.0
87 26.8 24.3 36.5
59 11.8 9.6 14.4





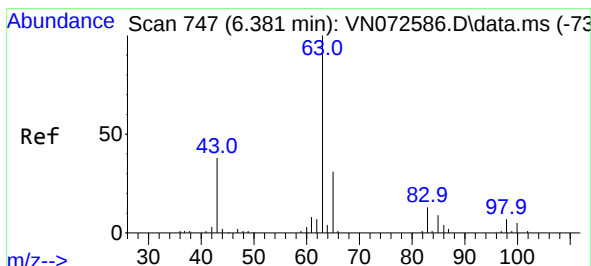
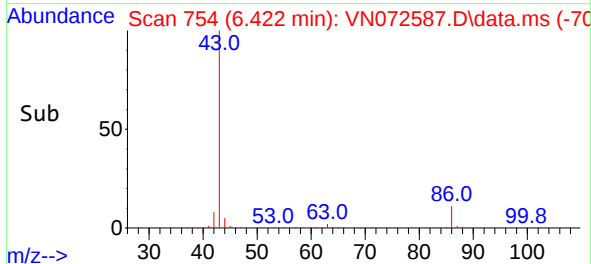
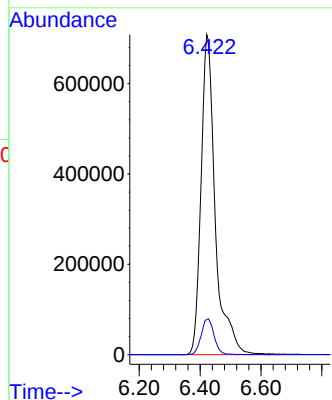
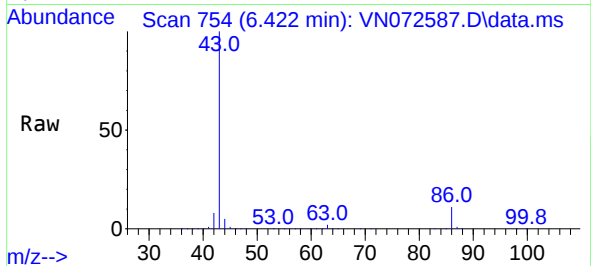
#23
 Vinyl Acetate
 Concen: 576.035 ug/l
 RT: 6.422 min Scan# 754
 Delta R.T. -0.006 min
 Lab File: VN072587.D
 Acq: 24 May 2022 14:40

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion: 43 Resp: 2298010
 Ion Ratio Lower Upper
 43 100
 86 11.0 10.0 15.0

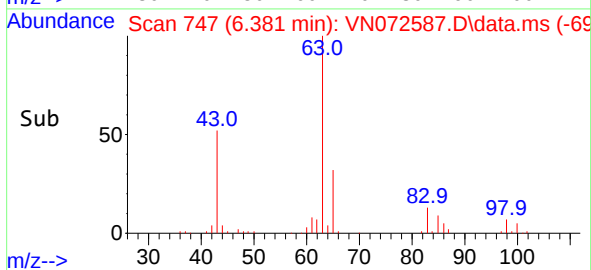
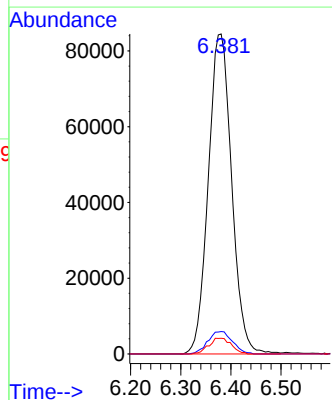
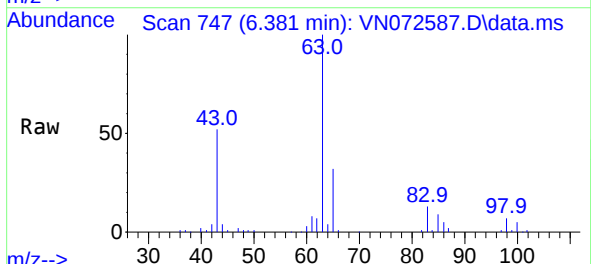
Manual Integrations
 APPROVED

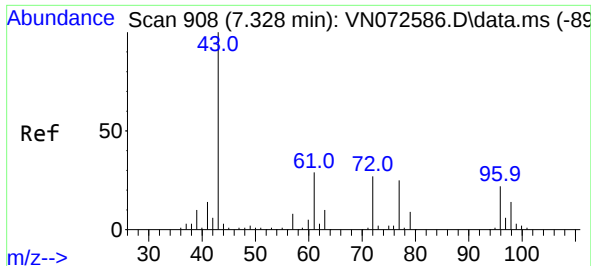
Reviewed By :John Carlone 05/25/2022
 Supervised By :Mahesh Dadoda 05/25/2022



#24
 1,1-Dichloroethane
 Concen: 98.693 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.000 min
 Lab File: VN072587.D
 Acq: 24 May 2022 14:40

Tgt Ion: 63 Resp: 273218
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.5 10.4
 100 4.9 2.3 6.8





#25

2-Butanone

Concen: 607.630 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.000 min

Lab File: VN072587.D

Acq: 24 May 2022 14:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 43 Resp: 695940

Ion Ratio Lower Upper

43 100

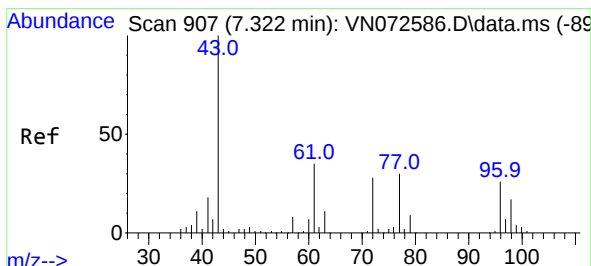
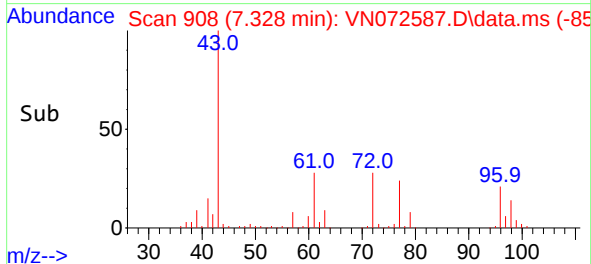
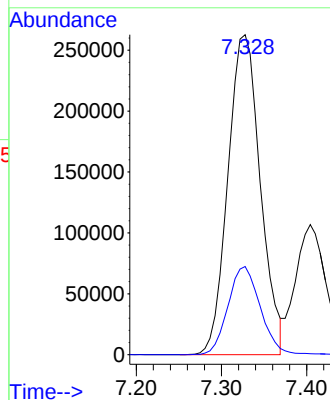
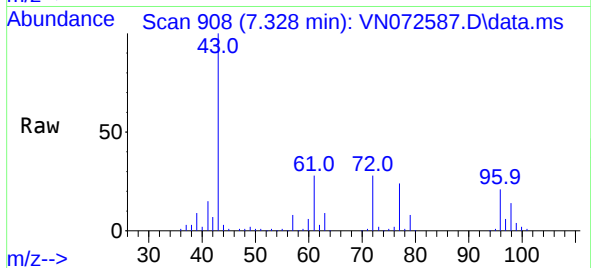
72 27.6 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2022

Supervised By :Mahesh Dadoda 05/25/2022



#26

2,2-Dichloropropane

Concen: 85.389 ug/l

RT: 7.316 min Scan# 906

Delta R.T. -0.006 min

Lab File: VN072587.D

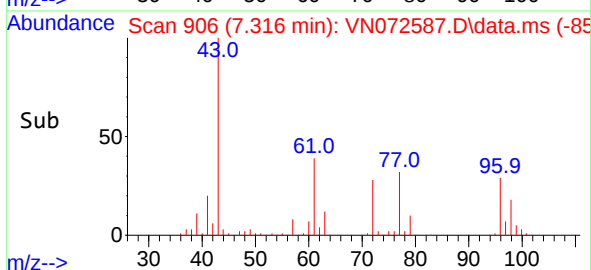
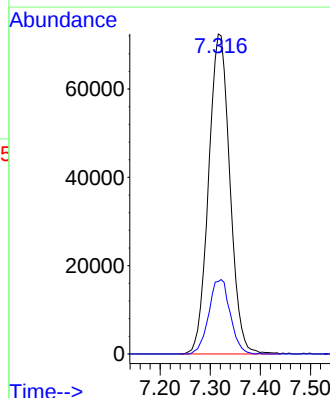
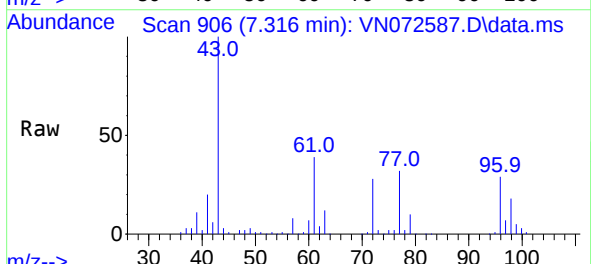
Acq: 24 May 2022 14:40

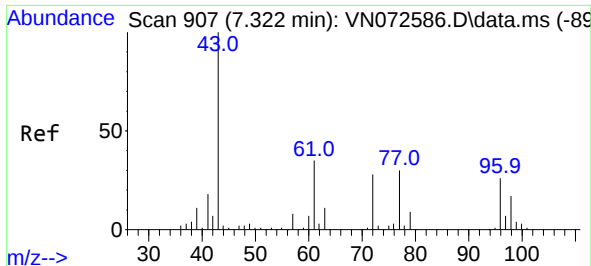
Tgt Ion: 77 Resp: 213702

Ion Ratio Lower Upper

77 100

97 23.3 11.4 34.2





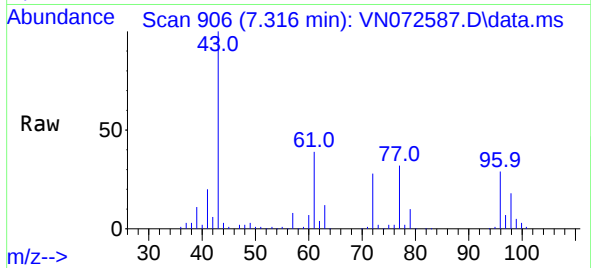
#27
cis-1,2-Dichloroethene
Concen: 103.205 ug/l
RT: 7.316 min Scan# 907
Delta R.T. -0.006 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

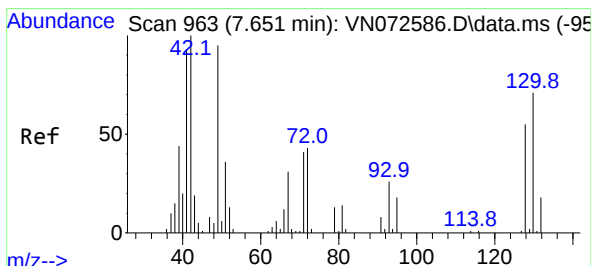
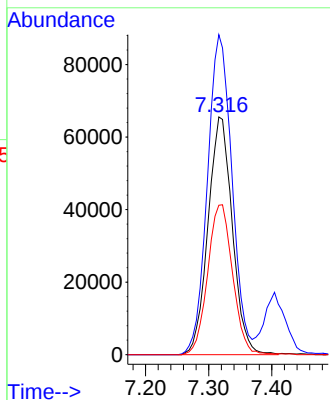
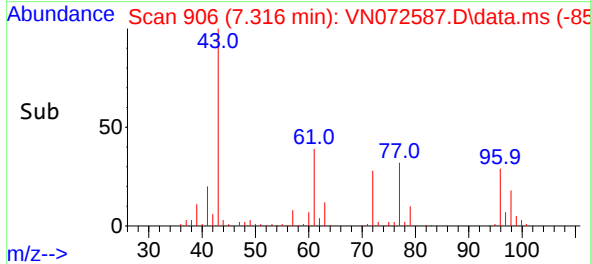


Tgt Ion: 96 Resp: 175536
Ion Ratio Lower Upper
96 100
61 135.8 0.0 280.6
98 64.7 0.0 128.4

Manual Integrations

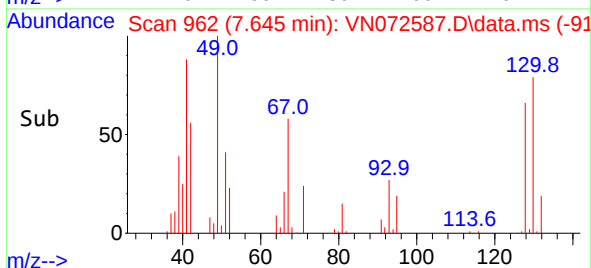
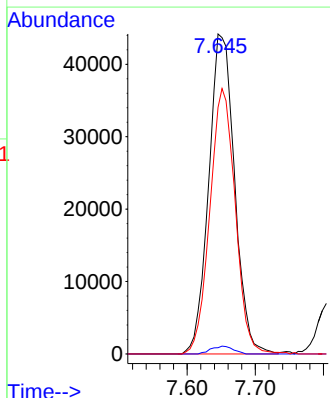
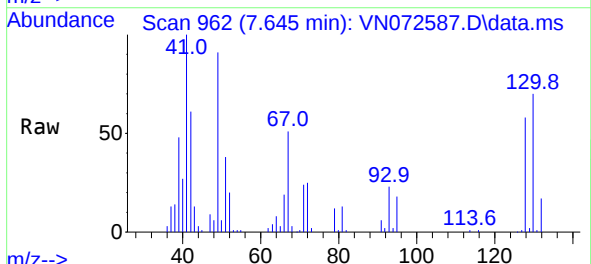
APPROVED

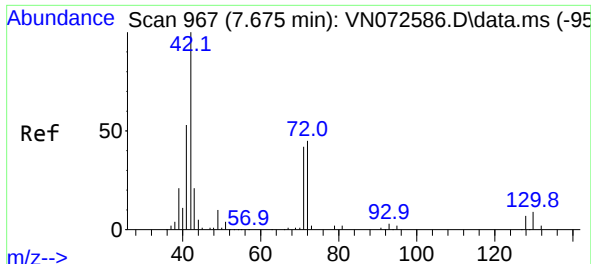
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#28
Bromochloromethane
Concen: 104.308 ug/l
RT: 7.645 min Scan# 962
Delta R.T. -0.006 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

Tgt Ion: 49 Resp: 116914
Ion Ratio Lower Upper
49 100
129 2.1 0.0 4.6
130 81.3 69.7 104.5





#29

Tetrahydrofuran

Concen: 660.764 ug/l

RT: 7.675 min Scan# 90

Delta R.T. -0.000 min

Lab File: VN072587.D

Acq: 24 May 2022 14:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 42 Resp: 457749

Ion Ratio Lower Upper

42 100

72 44.7 39.7 59.5

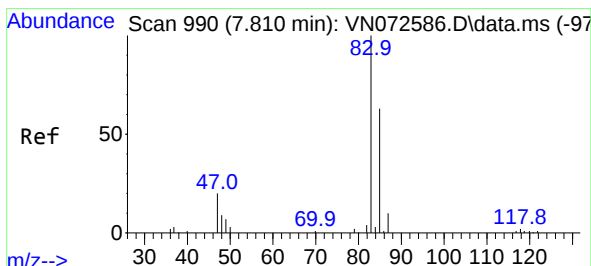
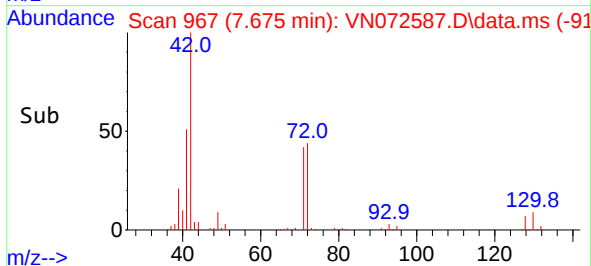
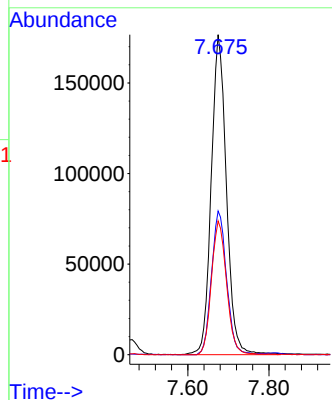
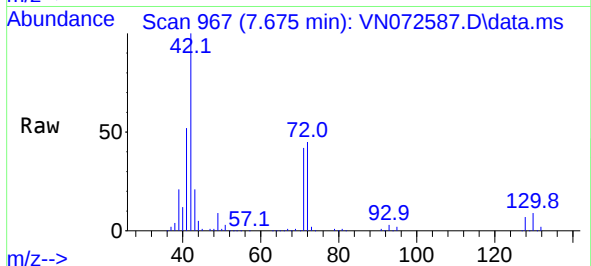
71 41.7 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2022

Supervised By :Mahesh Dadoda 05/25/2022



#30

Chloroform

Concen: 89.350 ug/l

RT: 7.810 min Scan# 990

Delta R.T. -0.000 min

Lab File: VN072587.D

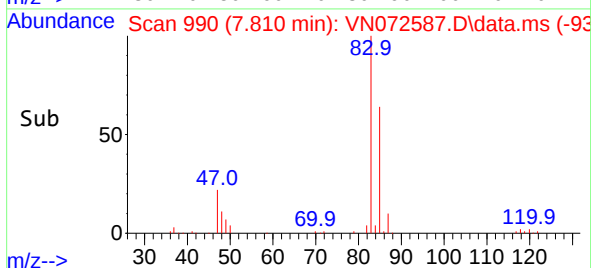
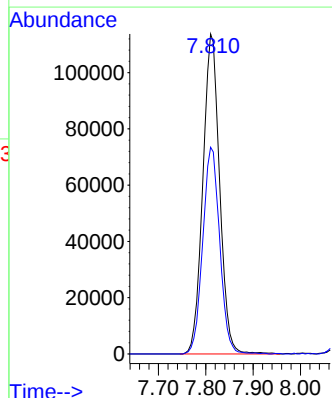
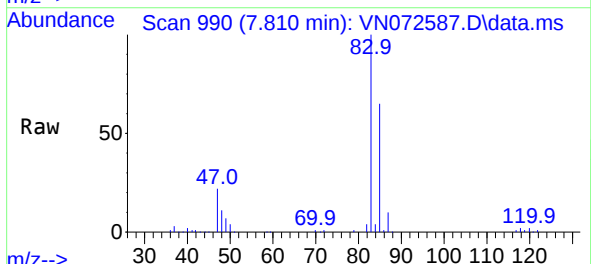
Acq: 24 May 2022 14:40

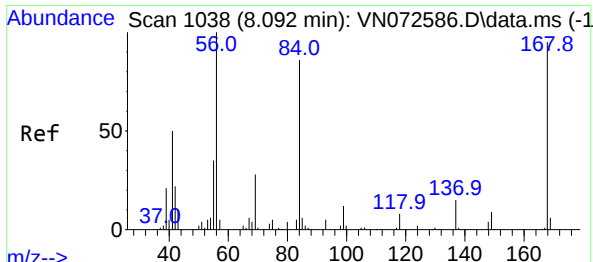
Tgt Ion: 83 Resp: 279834

Ion Ratio Lower Upper

83 100

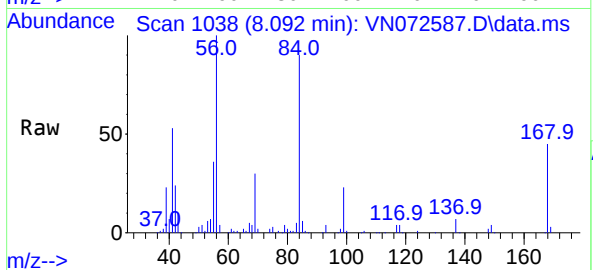
85 64.6 51.8 77.8





#31
Cyclohexane
Concen: 98.097 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

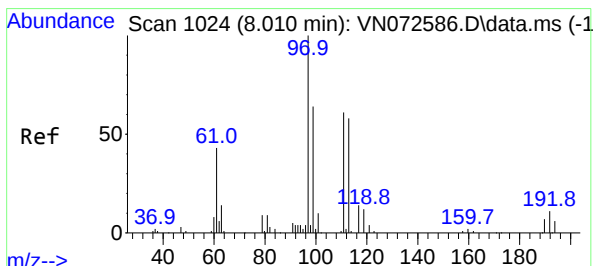
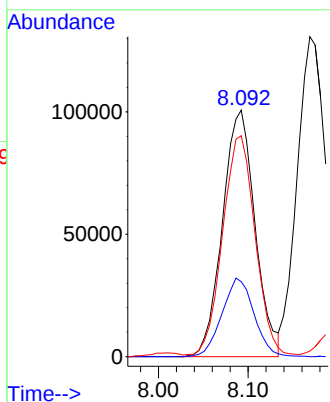
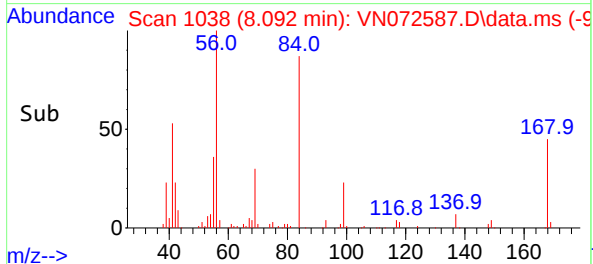
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



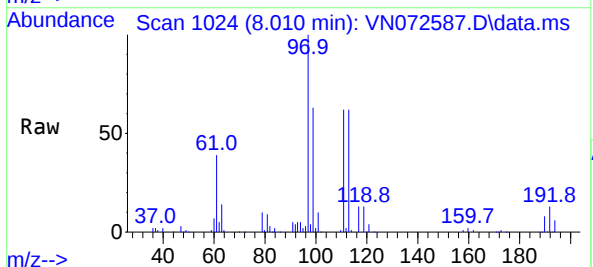
Tgt Ion: 56 Resp: 254154
Ion Ratio Lower Upper
56 100
69 30.4 27.8 41.8
84 88.4 76.9 115.3

Manual Integrations
APPROVED

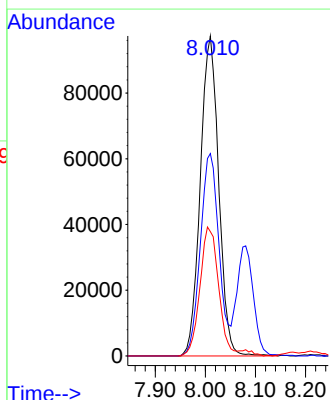
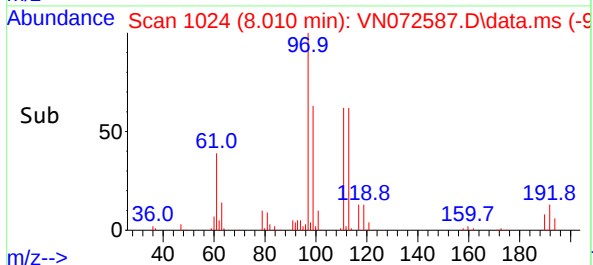
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

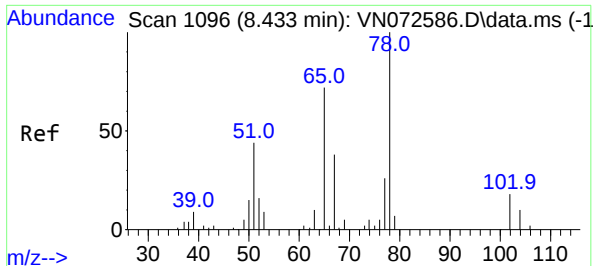


#32
1,1,1-Trichloroethane
Concen: 87.341 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40



Tgt Ion: 97 Resp: 248095
Ion Ratio Lower Upper
97 100
99 64.7 50.6 76.0
61 40.7 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 77.568 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072587.D

Acq: 24 May 2022 14:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 65 Resp: 16913

Ion Ratio Lower Upper

65 100

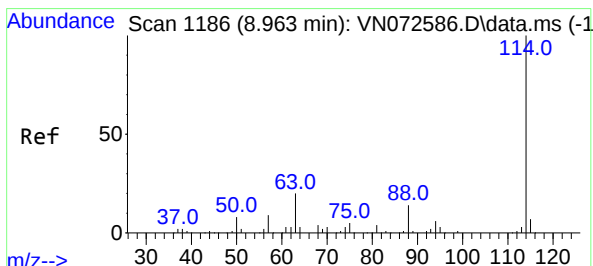
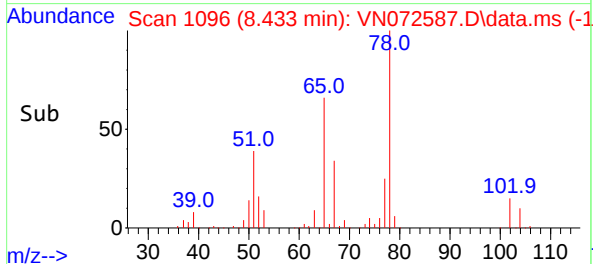
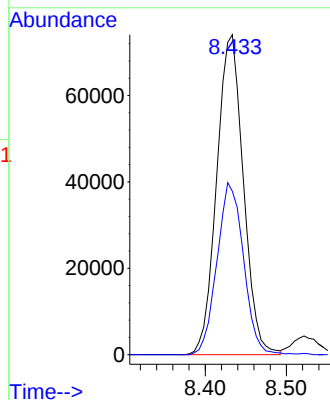
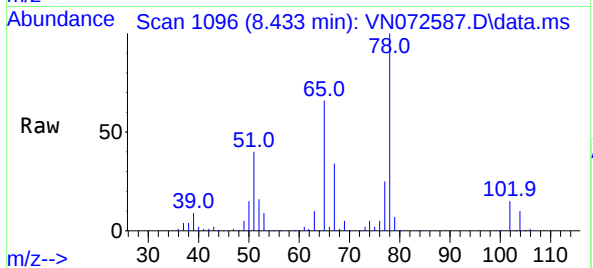
67 53.5 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2022

Supervised By :Mahesh Dadoda 05/25/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072587.D

Acq: 24 May 2022 14:40

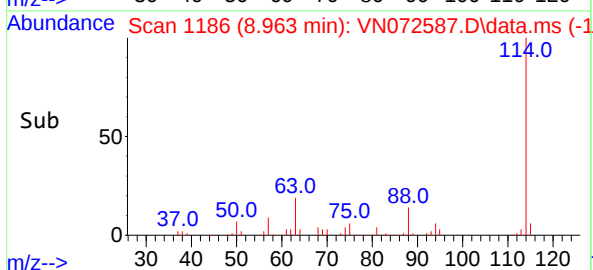
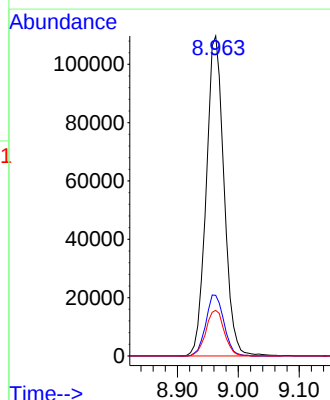
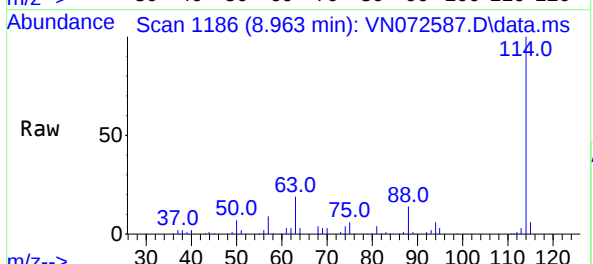
Tgt Ion:114 Resp: 222213

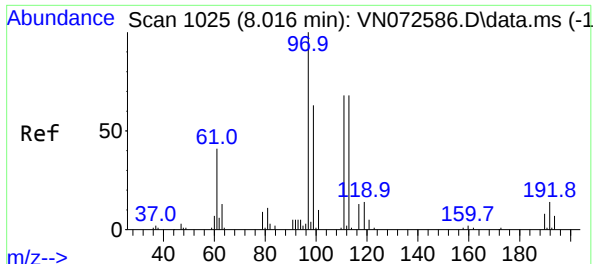
Ion Ratio Lower Upper

114 100

63 18.9 0.0 40.0

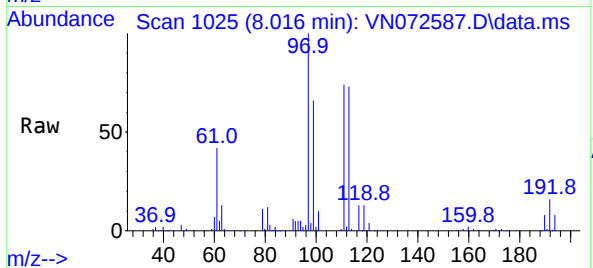
88 14.3 0.0 32.6





#35
Dibromofluoromethane
Concen: 101.920 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

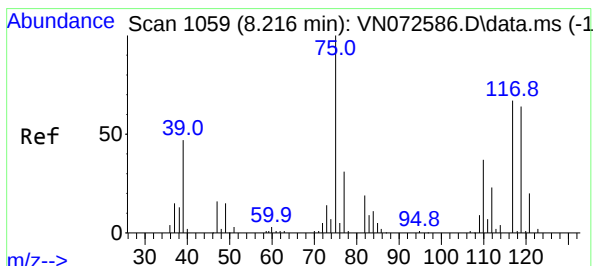
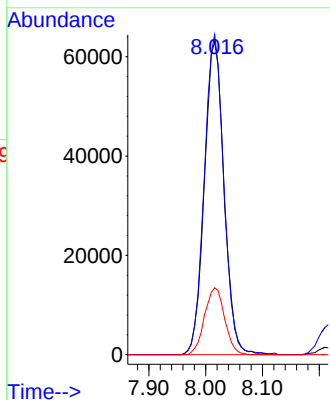
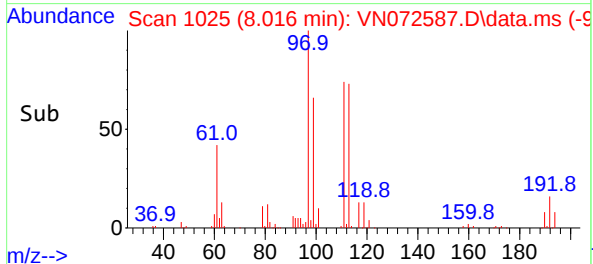
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



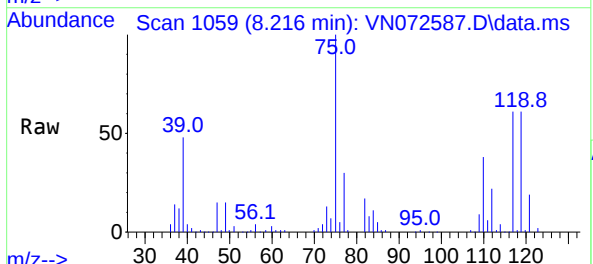
Tgt Ion: 113 Resp: 15138
Ion Ratio Lower Upper
113 100
111 101.8 81.4 122.0
192 21.8 17.0 25.6

Manual Integrations
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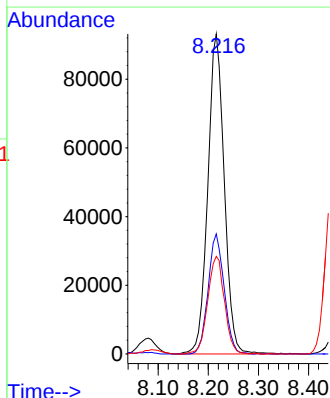
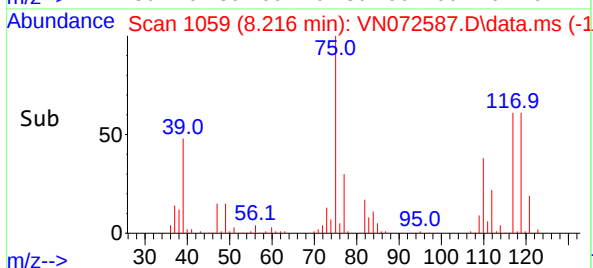
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

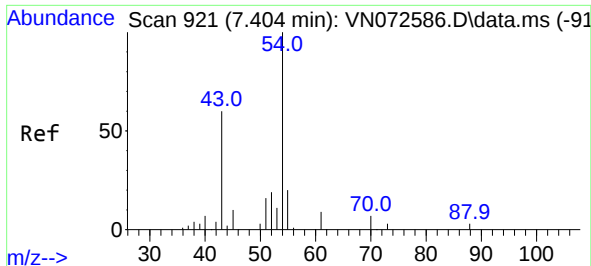


#36
1,1-Dichloropropene
Concen: 102.975 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40



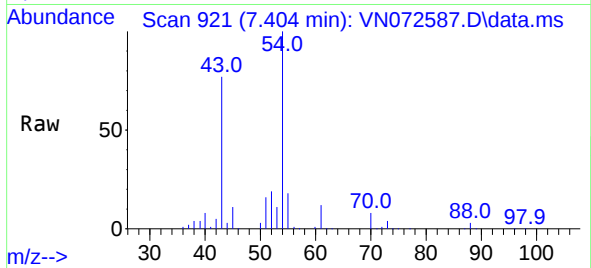
Tgt Ion: 75 Resp: 212202
Ion Ratio Lower Upper
75 100
110 36.6 18.3 54.8
77 30.9 25.1 37.7





#37
Ethyl Acetate
Concen: 118.855 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

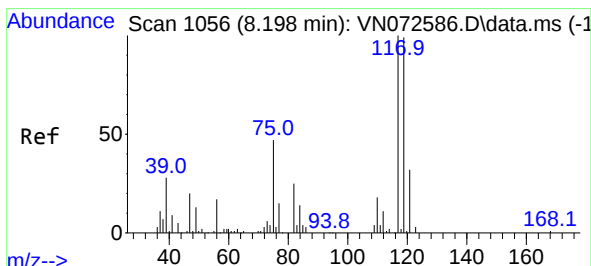
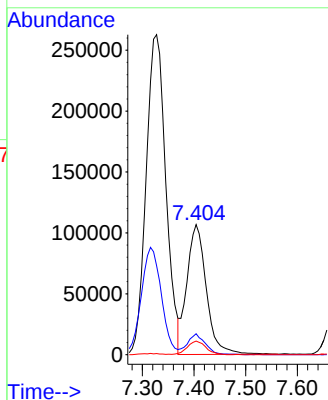
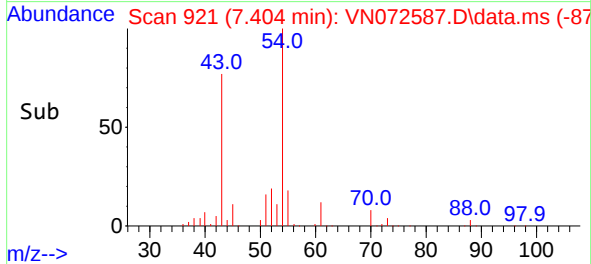
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



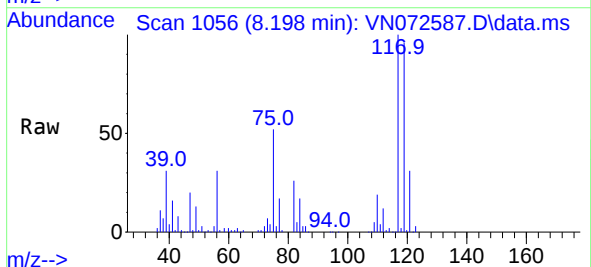
Tgt Ion: 43 Resp: 279434
Ion Ratio Lower Upper
43 100
61 14.8 11.8 17.6
70 10.0 9.3 13.9

Manual Integrations
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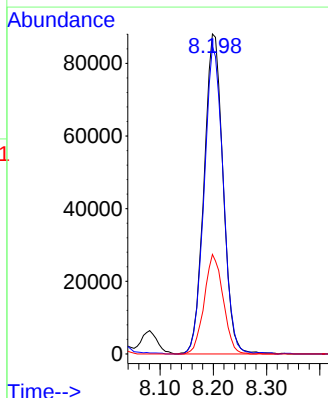
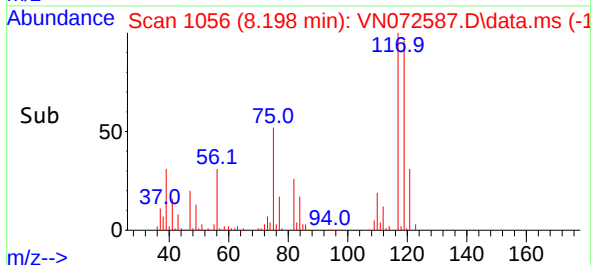
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

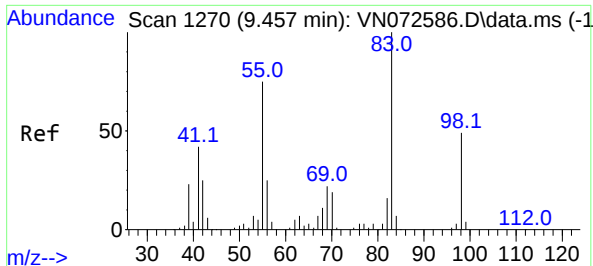


#38
Carbon Tetrachloride
Concen: 87.245 ug/l
RT: 8.198 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40



Tgt Ion:117 Resp: 219190
Ion Ratio Lower Upper
117 100
119 96.1 75.8 113.8
121 31.1 24.6 37.0





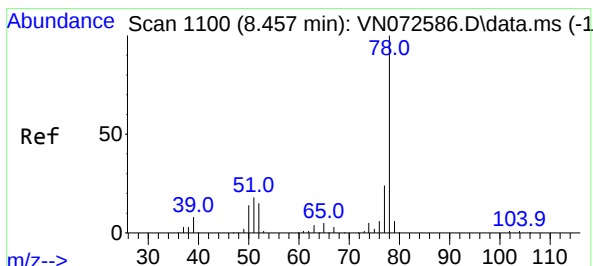
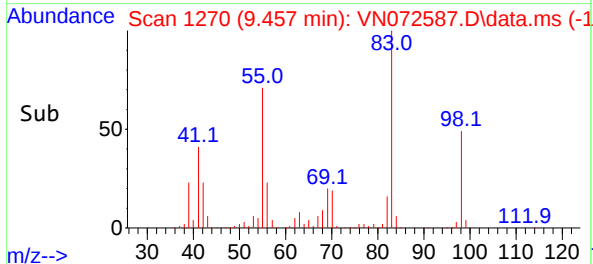
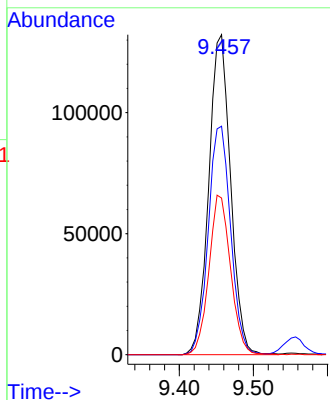
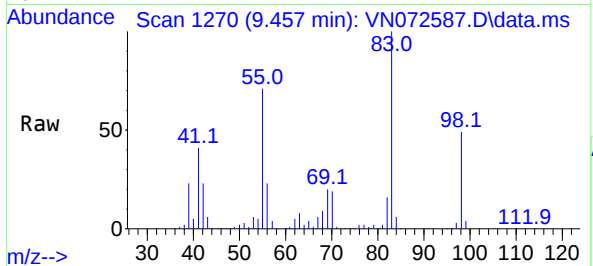
#39
Methylcyclohexane
Concen: 110.189 ug/l
RT: 9.457 min Scan# 1099
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 83 Resp: 270629
Ion Ratio Lower Upper
83 100
55 71.4 57.8 86.8
98 49.0 39.4 59.2

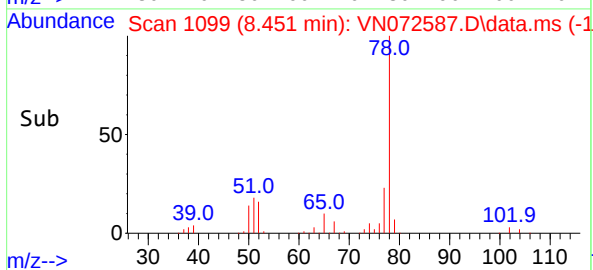
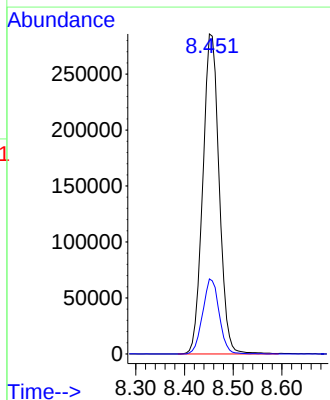
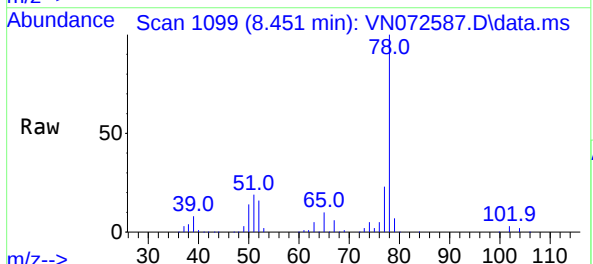
Manual Integrations
APPROVED

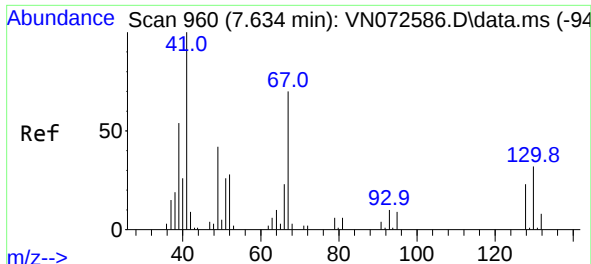
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#40
Benzene
Concen: 108.593 ug/l
RT: 8.451 min Scan# 1099
Delta R.T. -0.006 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

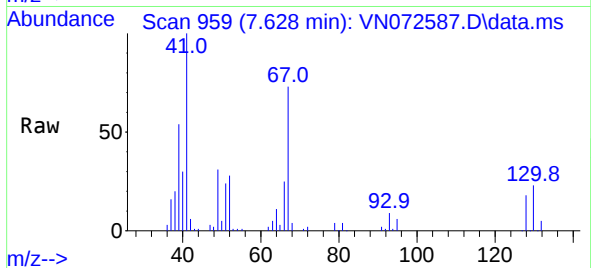
Tgt Ion: 78 Resp: 665090
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.0





#41
Methacrylonitrile
Concen: 120.616 ug/l
RT: 7.628 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

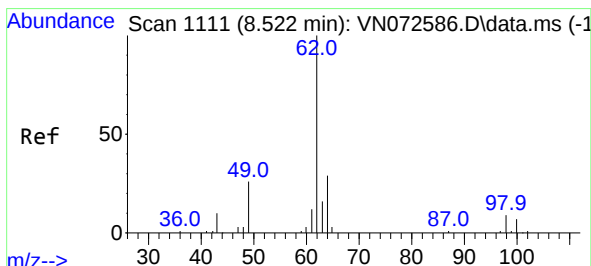
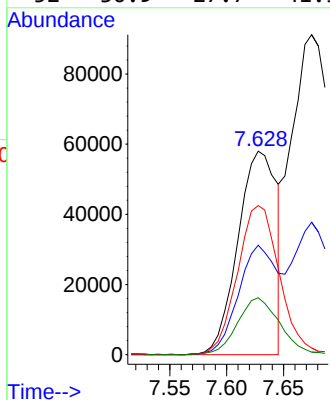
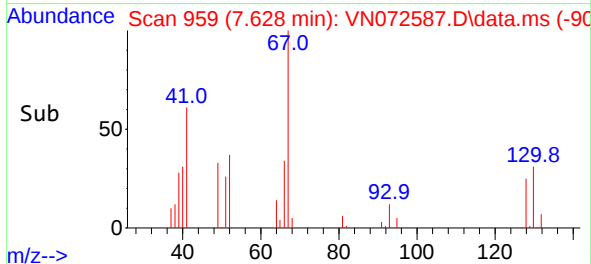
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



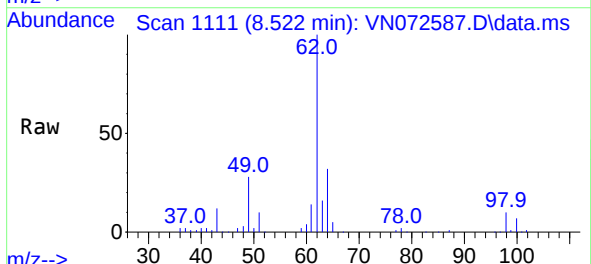
Tgt Ion: 41 Resp: 137645
Ion Ratio Lower Upper
41 100
39 57.6 48.6 73.0
67 79.5 73.4 110.2
52 30.9 27.7 41.5

Manual Integrations
APPROVED

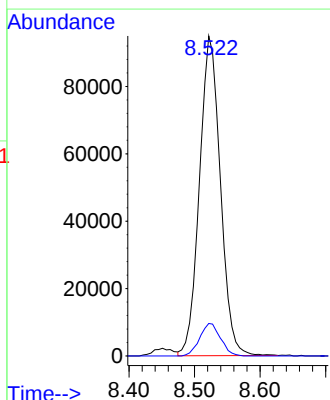
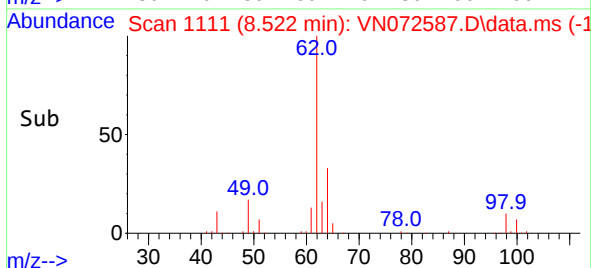
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

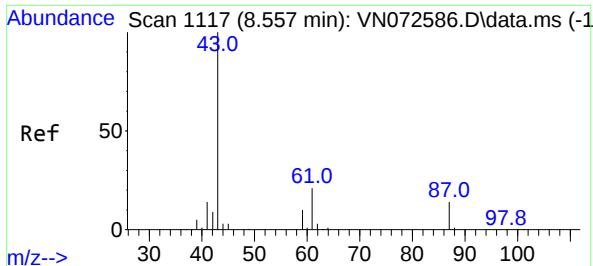


#42
1,2-Dichloroethane
Concen: 77.200 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40



Tgt Ion: 62 Resp: 210746
Ion Ratio Lower Upper
62 100
98 10.1 0.0 19.4





#43
Isopropyl Acetate
Concen: 112.956 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

Instrument :

MSVOA_N

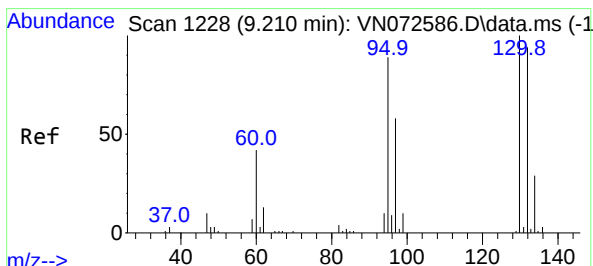
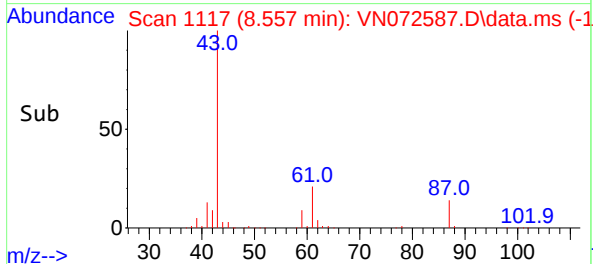
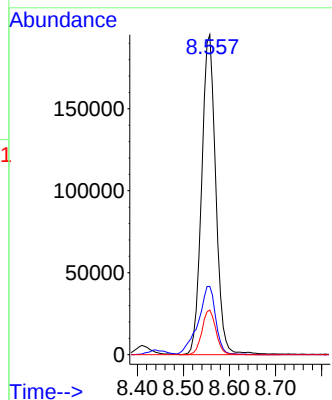
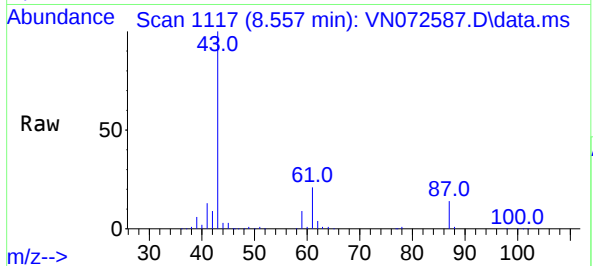
ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 41784
Ion Ratio Lower Upper
43 100
61 26.0 21.9 32.9
87 13.8 12.0 18.0

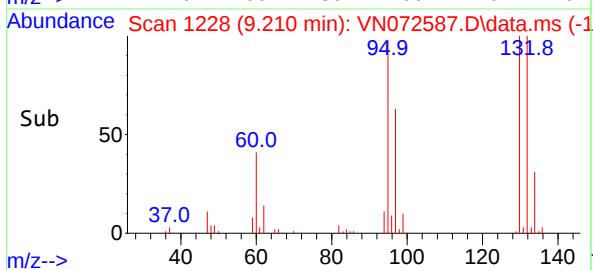
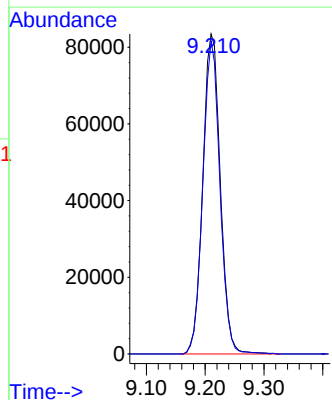
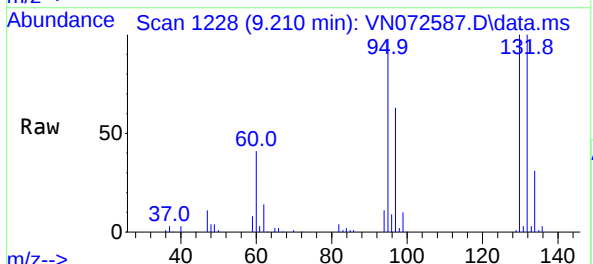
Manual Integrations
APPROVED

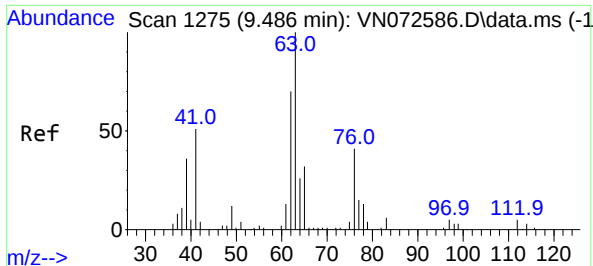
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#44
Trichloroethene
Concen: 103.666 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

Tgt Ion:130 Resp: 172949
Ion Ratio Lower Upper
130 100
95 97.9 0.0 186.8





#45

1,2-Dichloropropane

Concen: 113.909 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. -0.000 min

Lab File: VN072587.D

Acq: 24 May 2022 14:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 17421

Ion Ratio Lower Upper

63 100

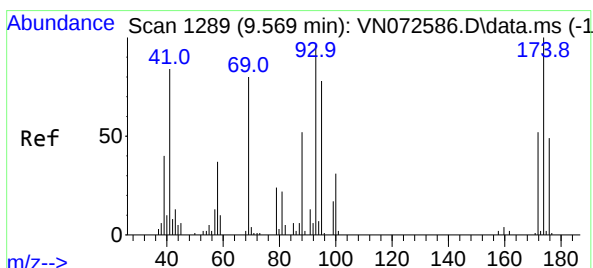
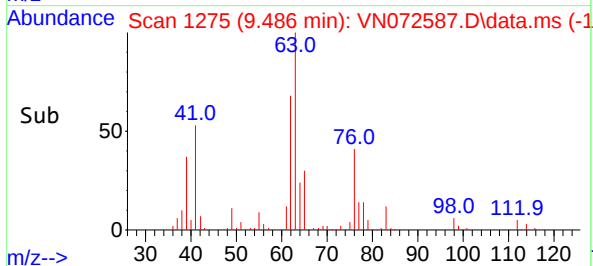
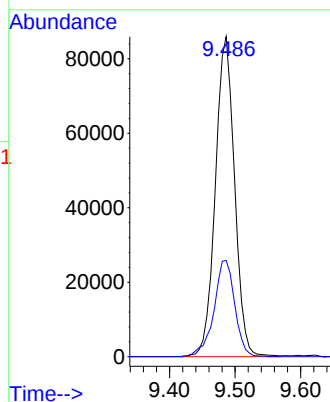
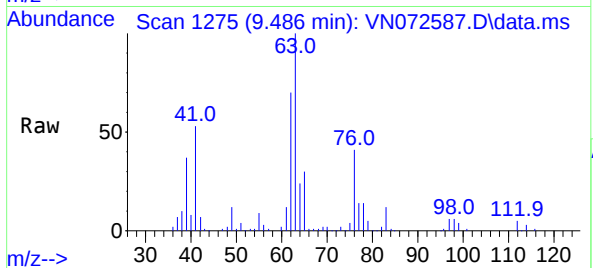
65 30.1 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2022

Supervised By :Mahesh Dadoda 05/25/2022



#46

Dibromomethane

Concen: 103.119 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. -0.000 min

Lab File: VN072587.D

Acq: 24 May 2022 14:40

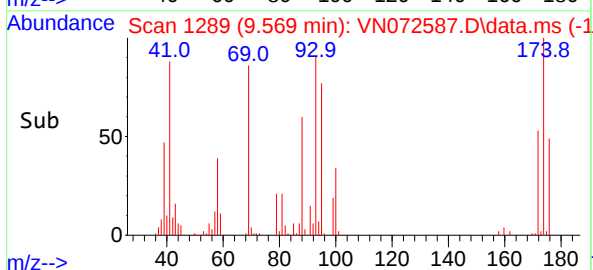
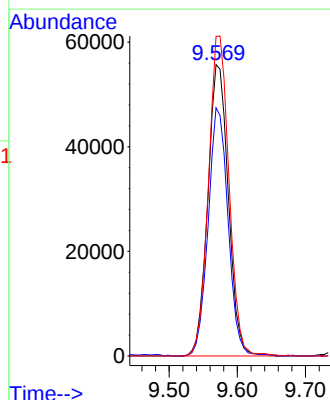
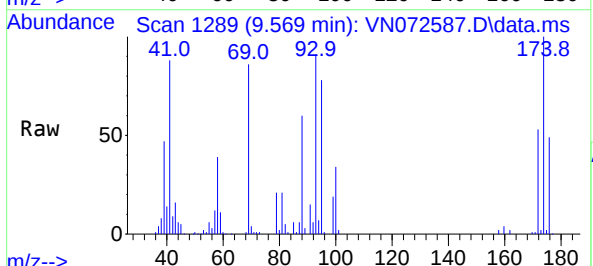
Tgt Ion: 93 Resp: 116795

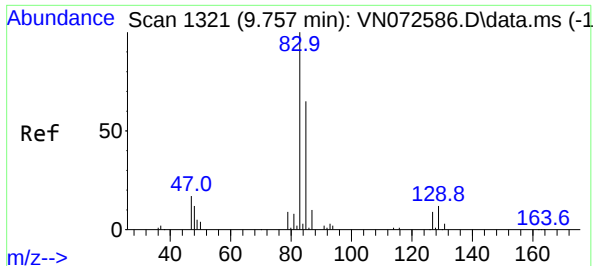
Ion Ratio Lower Upper

93 100

95 82.7 66.9 100.3

174 110.1 86.6 130.0





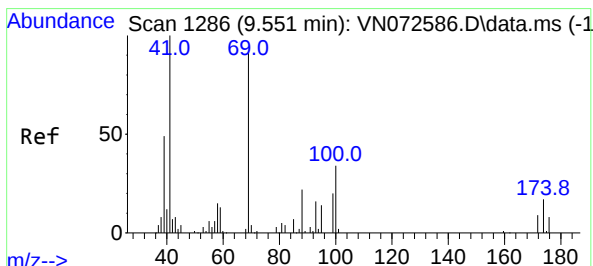
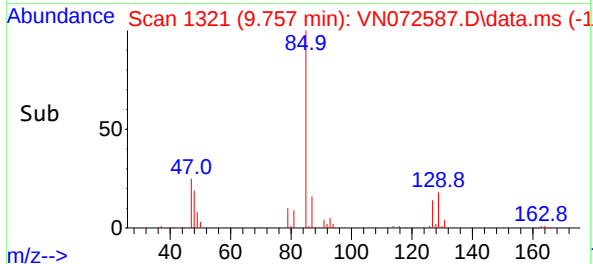
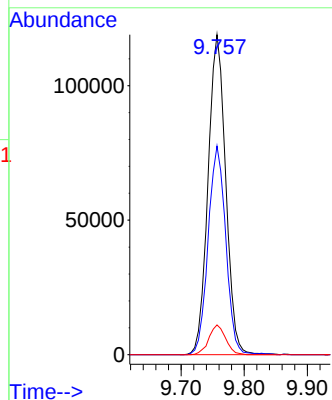
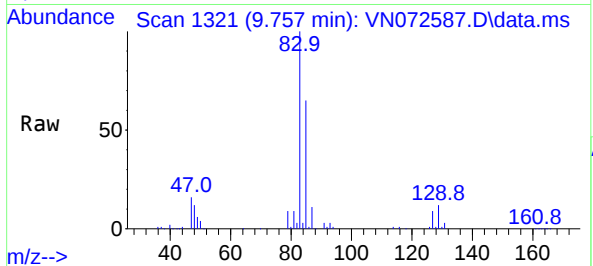
#47
Bromodichloromethane
Concen: 99.657 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 83 Resp: 231512
Ion Ratio Lower Upper
83 100
85 65.2 50.5 75.7
127 9.3 6.8 10.2

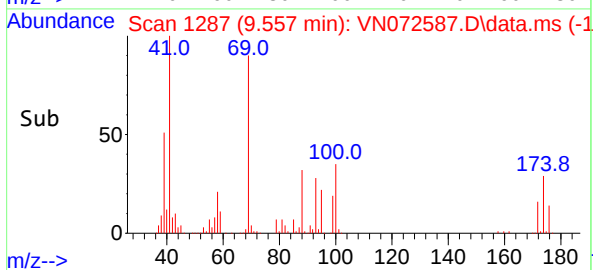
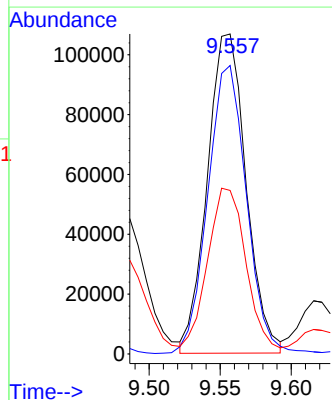
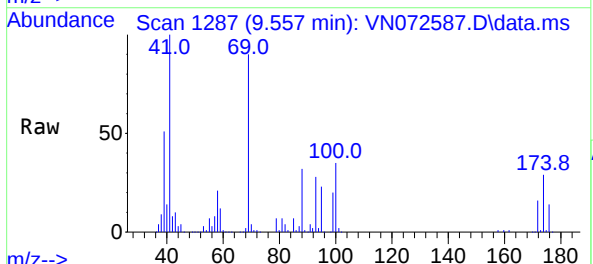
Manual Integrations
APPROVED

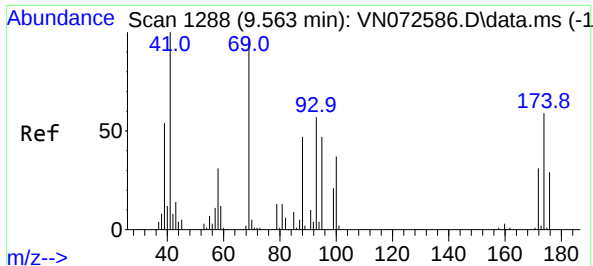
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#48
Methyl methacrylate
Concen: 114.807 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

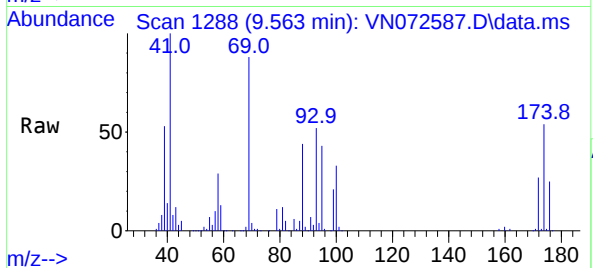
Tgt Ion: 41 Resp: 202686
Ion Ratio Lower Upper
41 100
69 91.2 74.7 112.1
39 48.5 45.6 68.4





#49
1,4-Dioxane
Concen: 4151.996 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

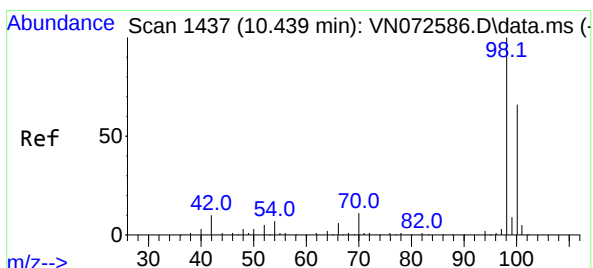
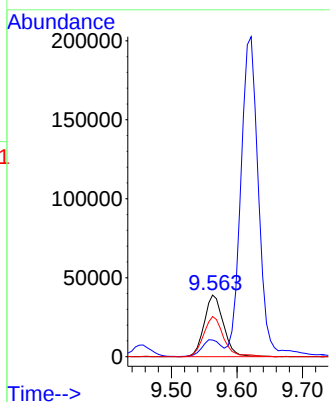
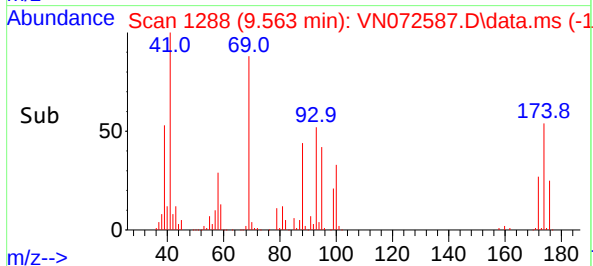
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



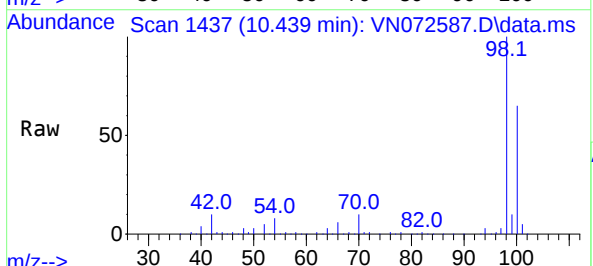
Tgt Ion: 88 Resp: 79619
Ion Ratio Lower Upper
88 100
43 27.2 20.2 30.4
58 67.4 54.2 81.4

Manual Integrations
APPROVED

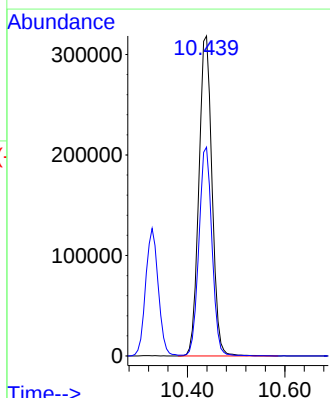
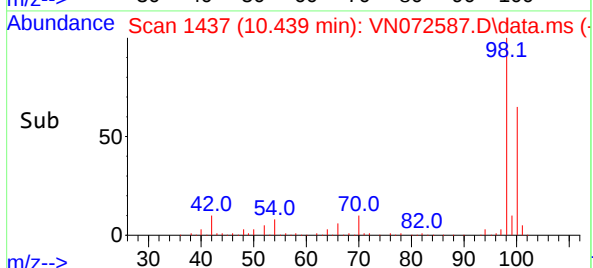
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

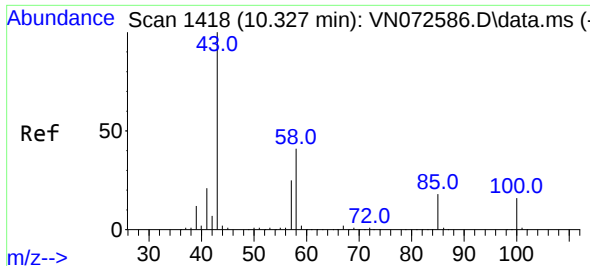


#50
Toluene-d8
Concen: 106.027 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40



Tgt Ion: 98 Resp: 598104
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8





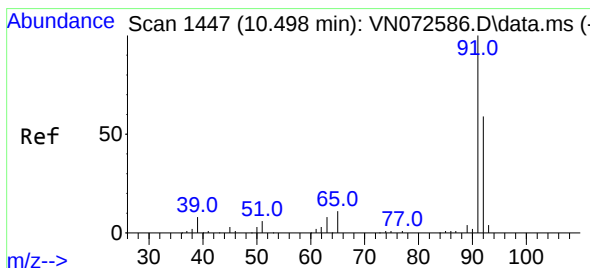
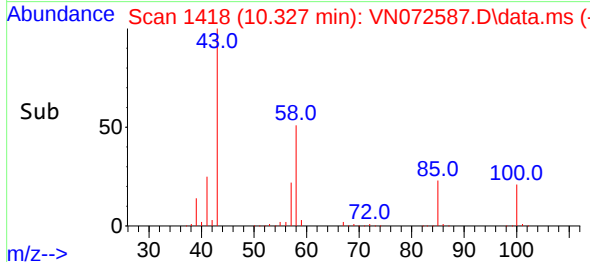
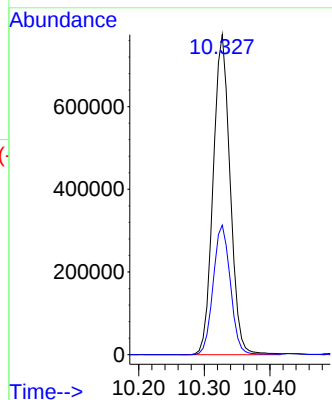
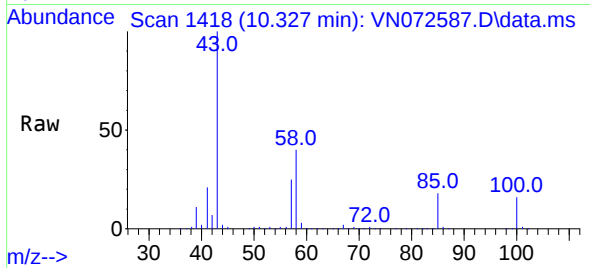
#51
4-Methyl-2-Pentanone
Concen: 571.640 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 43 Resp: 139040
Ion Ratio Lower Upper
43 100
58 41.1 34.1 51.1

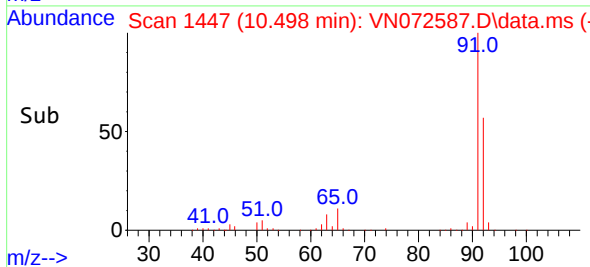
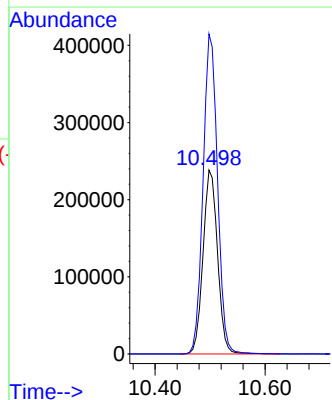
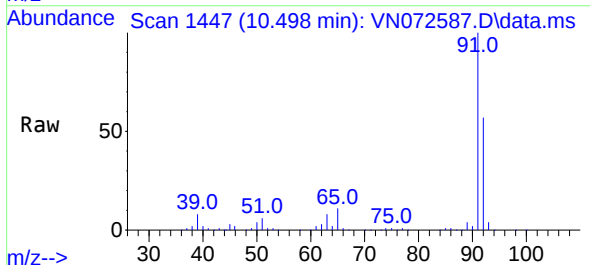
Manual Integrations
APPROVED

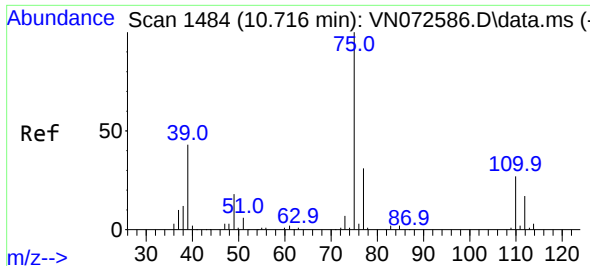
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#52
Toluene
Concen: 111.258 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

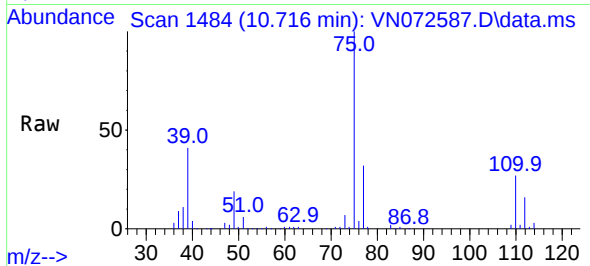
Tgt Ion: 92 Resp: 436456
Ion Ratio Lower Upper
92 100
91 173.4 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 107.702 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

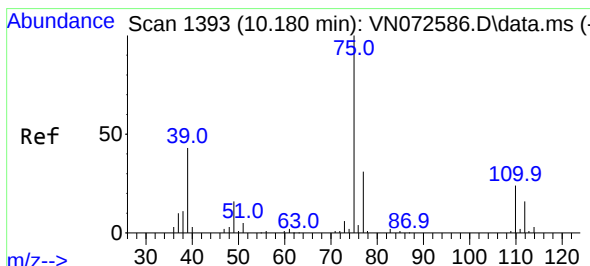
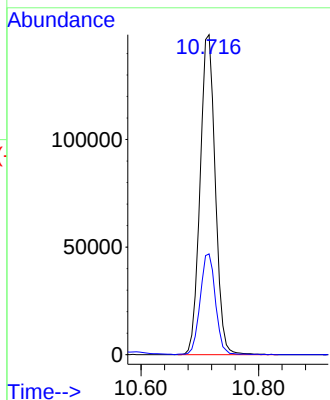
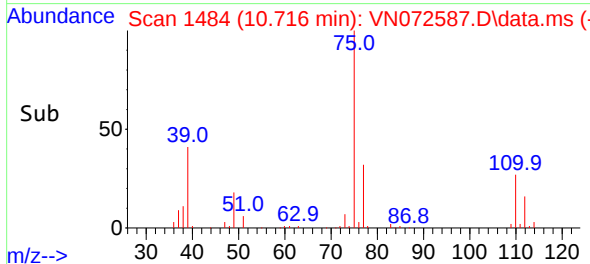
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



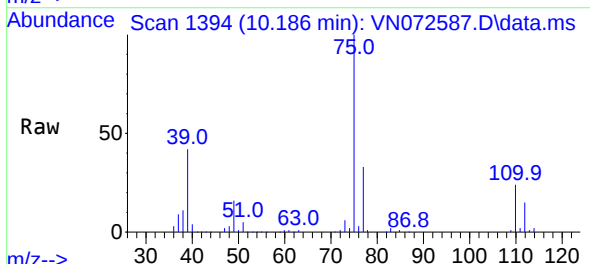
Tgt Ion: 75 Resp: 26671
Ion Ratio Lower Upper
75 100
77 31.5 25.6 38.4

Manual Integrations
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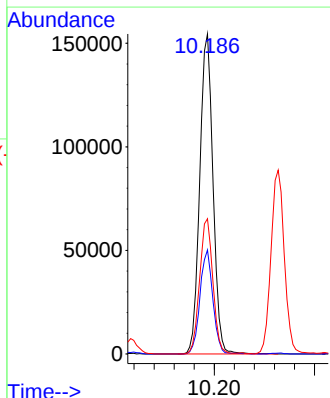
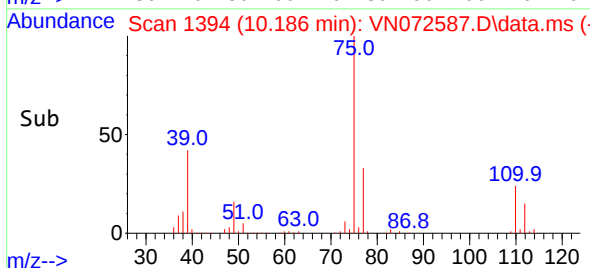
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

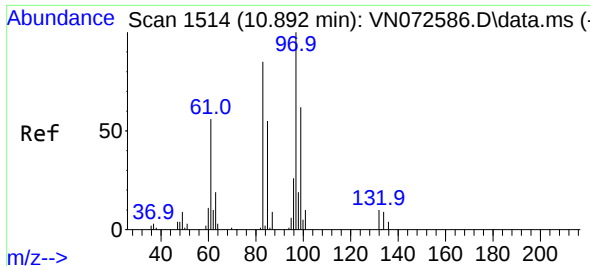


#54
cis-1,3-Dichloropropene
Concen: 113.830 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.006 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40



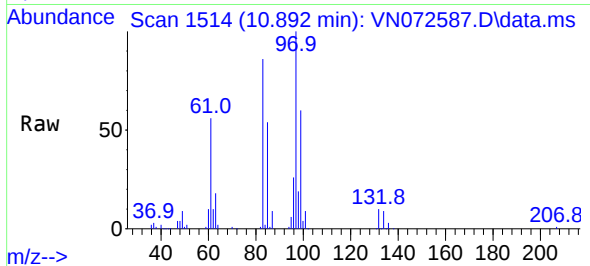
Tgt Ion: 75 Resp: 283330
Ion Ratio Lower Upper
75 100
77 32.5 25.2 37.8
39 42.2 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 104.968 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

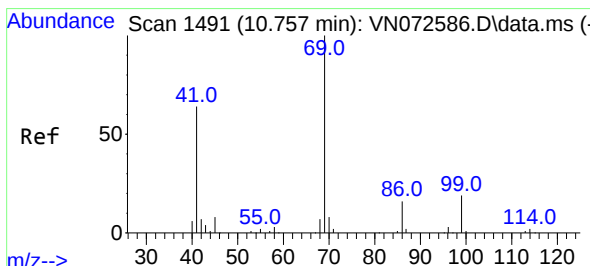
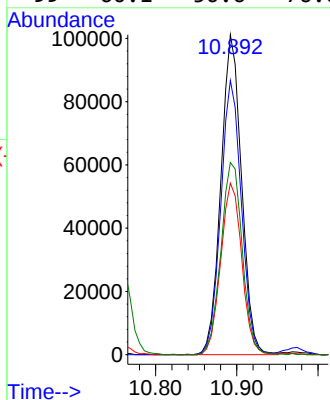
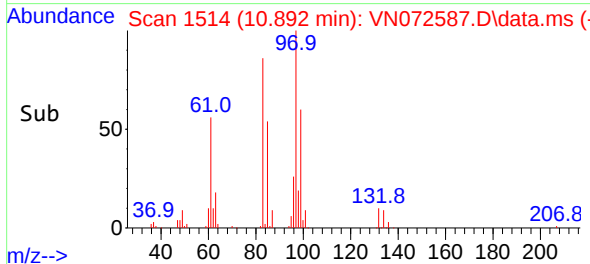
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



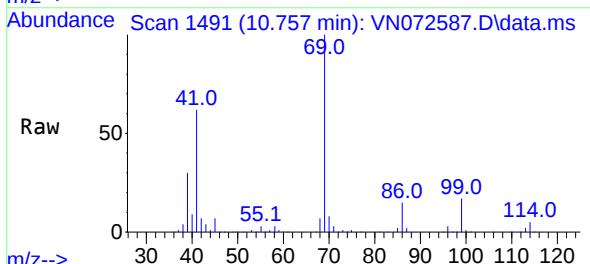
Tgt Ion: 97 Resp: 178872
Ion Ratio Lower Upper
97 100
83 85.7 66.2 99.4
85 53.6 43.9 65.9
99 60.1 50.6 76.0

Manual Integrations
APPROVED

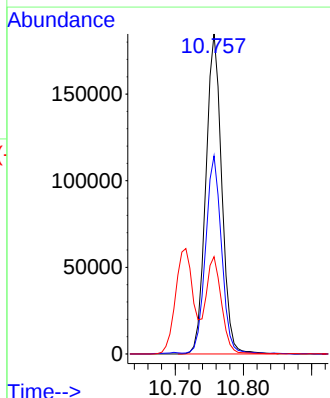
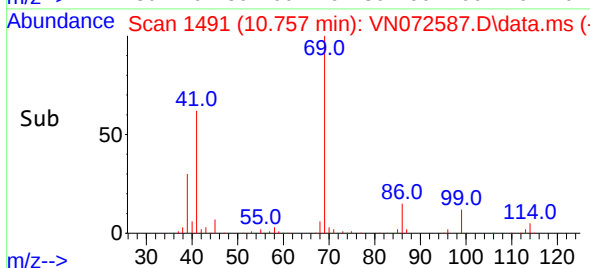
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

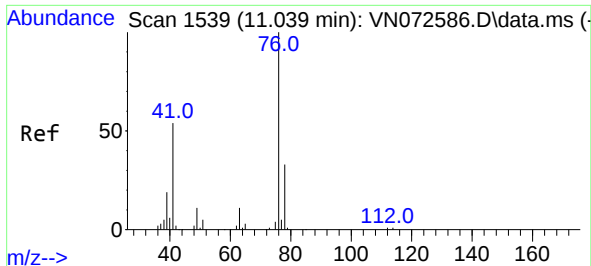


#56
Ethyl methacrylate
Concen: 117.996 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40



Tgt Ion: 69 Resp: 300114
Ion Ratio Lower Upper
69 100
41 61.4 47.8 71.6
39 30.1 27.3 40.9





#57

1,3-Dichloropropane

Concen: 105.510 ug/l

RT: 11.039 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN072587.D

Acq: 24 May 2022 14:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 30238

Ion Ratio Lower Upper

76 100

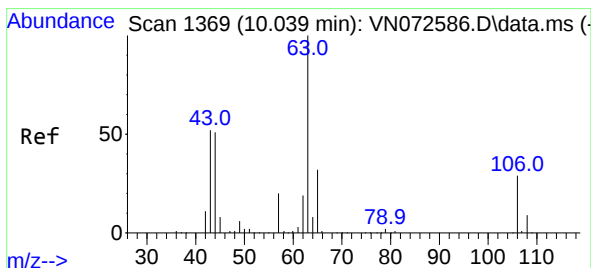
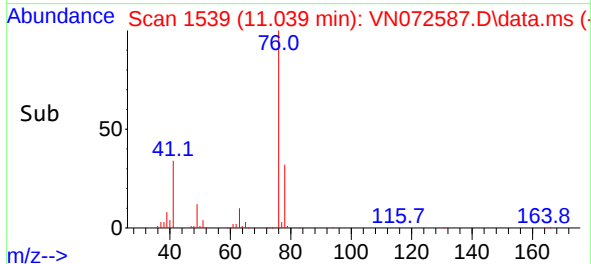
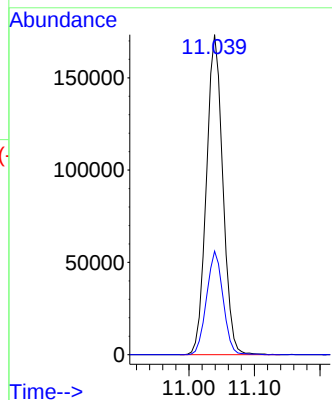
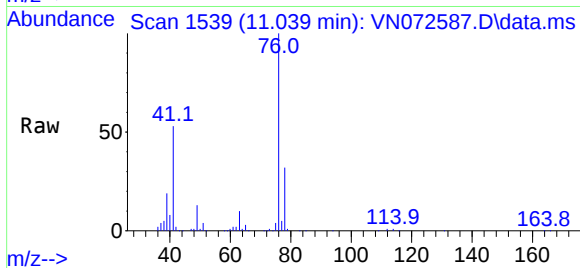
78 32.4 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2022

Supervised By :Mahesh Dadoda 05/25/2022



#58

2-Chloroethyl Vinyl ether

Concen: 918.417 ug/l

RT: 10.033 min Scan# 1368

Delta R.T. -0.006 min

Lab File: VN072587.D

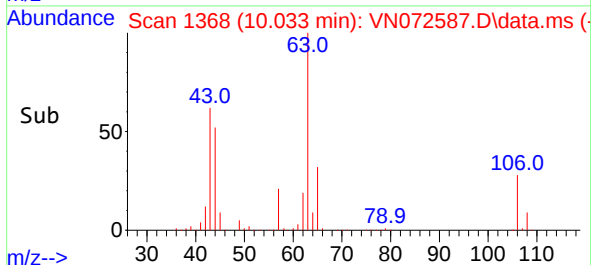
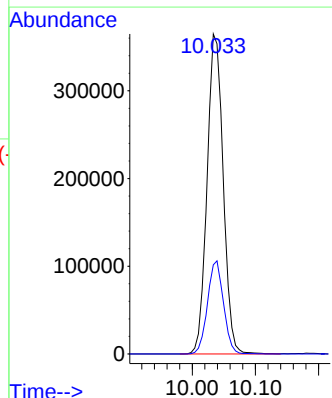
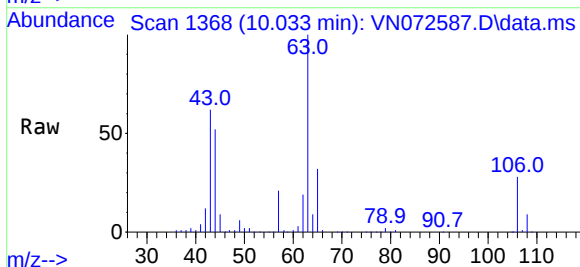
Acq: 24 May 2022 14:40

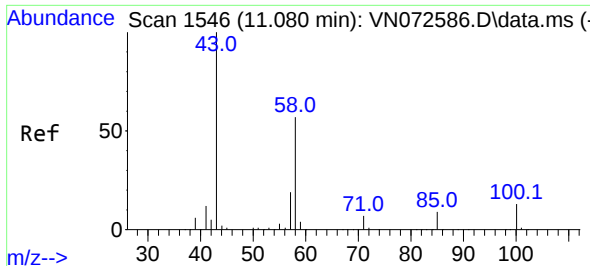
Tgt Ion: 63 Resp: 647155

Ion Ratio Lower Upper

63 100

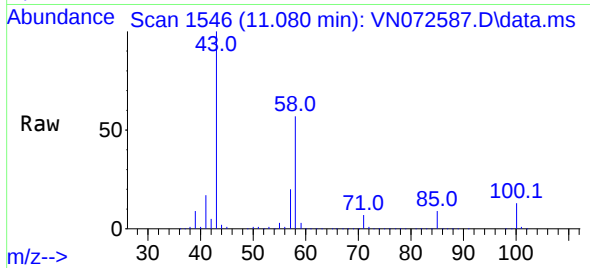
106 28.8 24.6 36.8





#59
2-Hexanone
Concen: 580.769 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

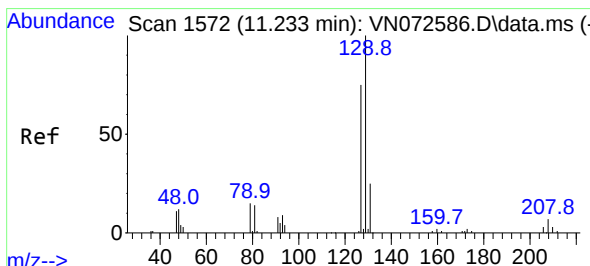
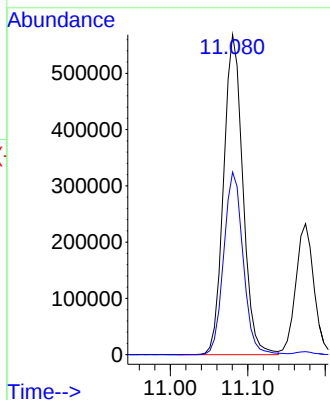
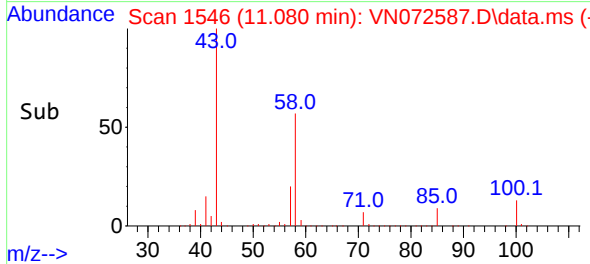
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



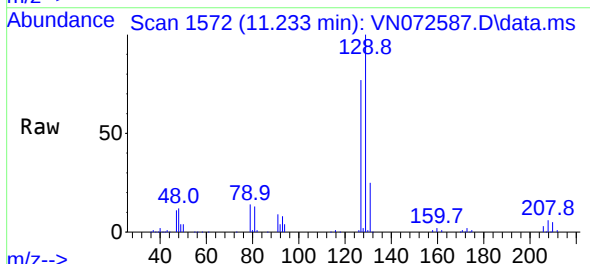
Tgt Ion: 43 Resp: 98426
Ion Ratio Lower Upper
43 100
58 57.4 29.7 89.1

Manual Integrations
APPROVED

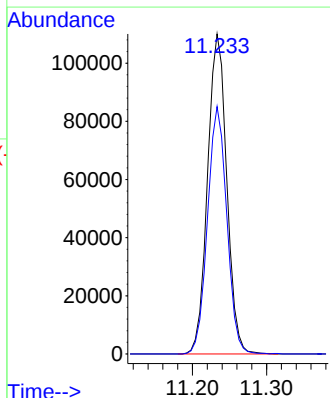
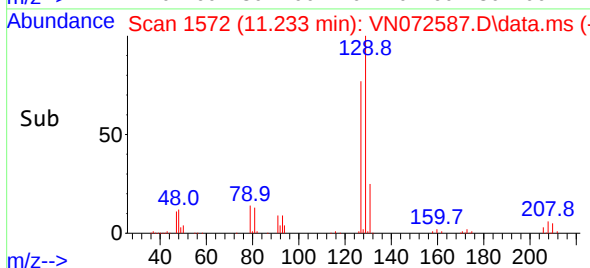
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

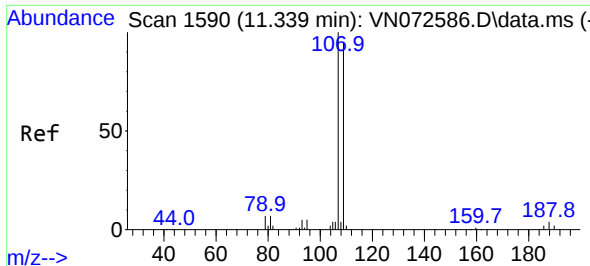


#60
Dibromochloromethane
Concen: 102.669 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40



Tgt Ion:129 Resp: 197924
Ion Ratio Lower Upper
129 100
127 77.7 38.8 116.4





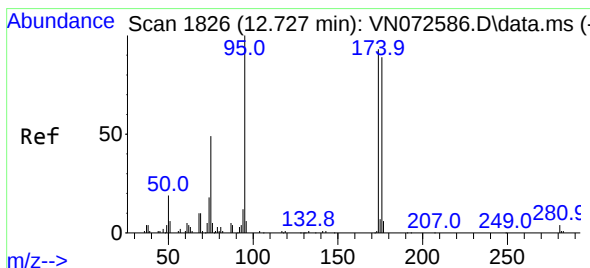
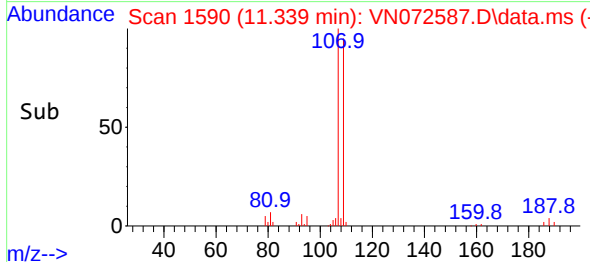
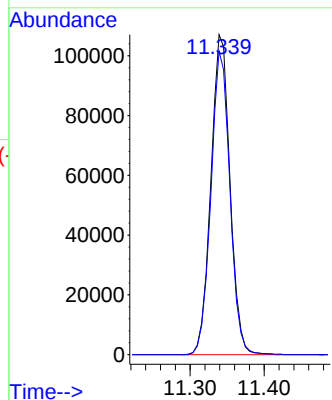
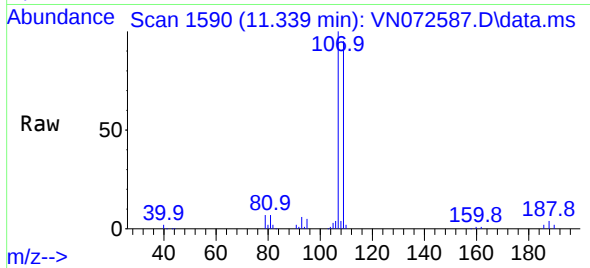
#61
1,2-Dibromoethane
Concen: 108.547 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:107 Resp: 191468
Ion Ratio Lower Upper
107 100
109 94.0 75.0 112.6

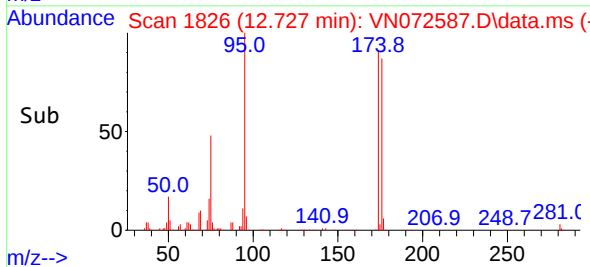
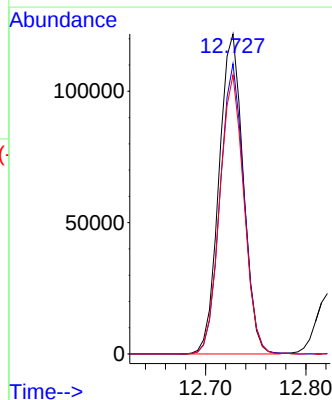
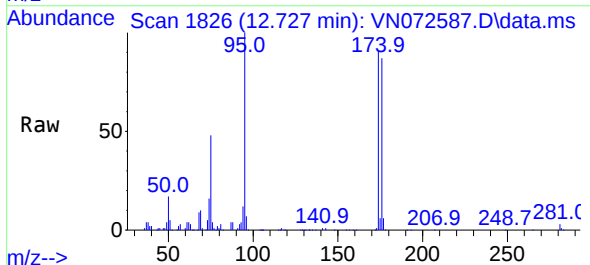
Manual Integrations
APPROVED

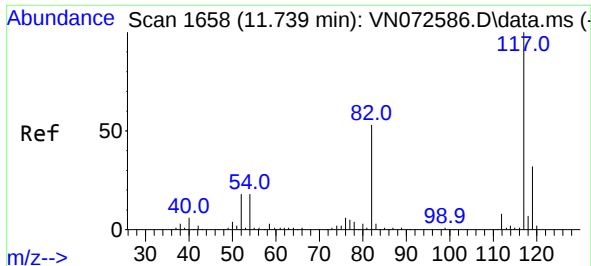
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#62
4-Bromofluorobenzene
Concen: 98.020 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

Tgt Ion: 95 Resp: 204259
Ion Ratio Lower Upper
95 100
174 89.4 0.0 167.6
176 86.4 0.0 163.4





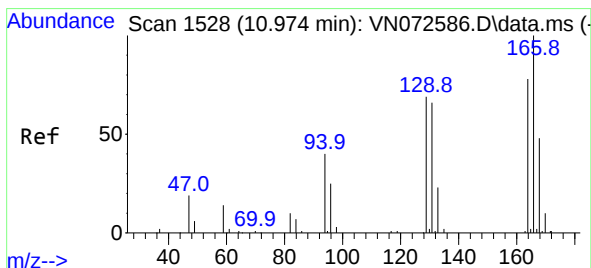
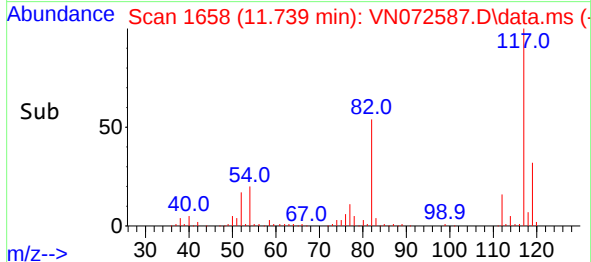
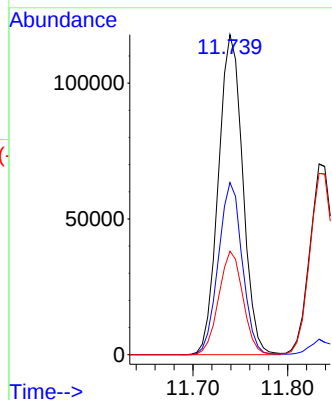
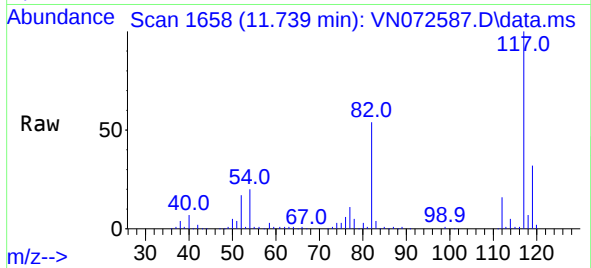
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:117 Resp: 211060
Ion Ratio Lower Upper
117 100
82 53.8 44.2 66.2
119 32.4 25.4 38.0

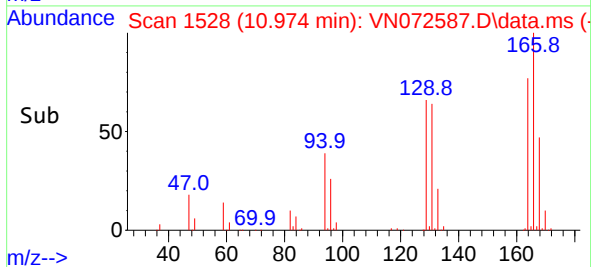
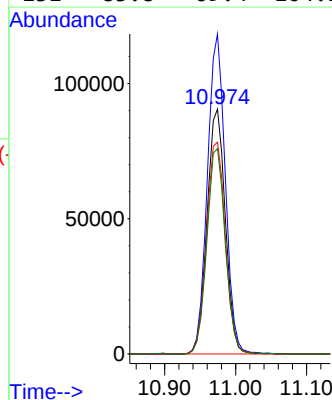
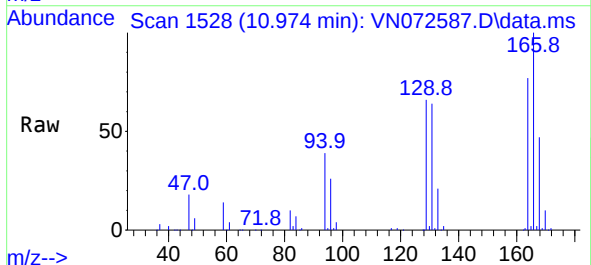
Manual Integrations
APPROVED

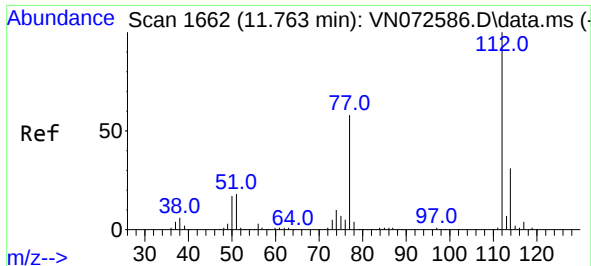
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#64
Tetrachloroethene
Concen: 107.866 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

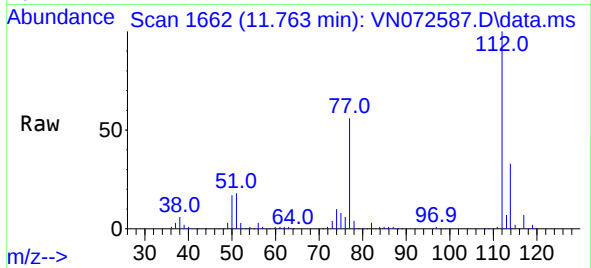
Tgt Ion:164 Resp: 162574
Ion Ratio Lower Upper
164 100
166 130.6 104.2 156.2
129 86.5 73.9 110.9
131 83.8 69.4 104.2





#65
Chlorobenzene
Concen: 106.705 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

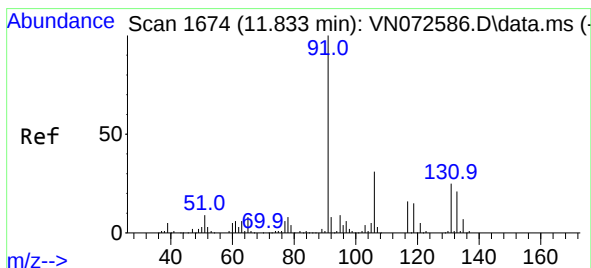
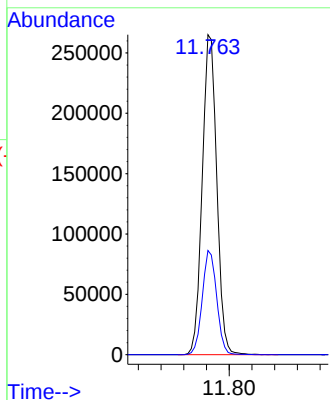
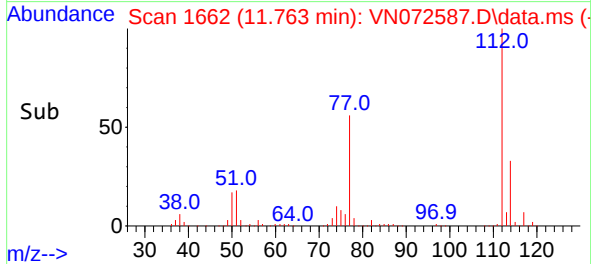
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



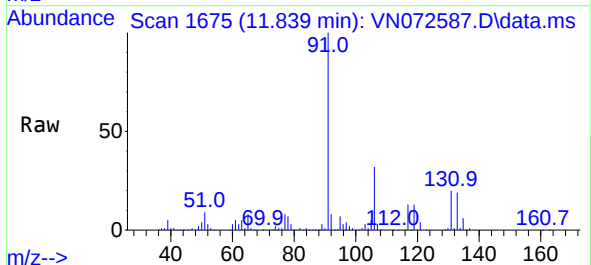
Tgt Ion:112 Resp: 469088
Ion Ratio Lower Upper
112 100
114 32.5 25.4 38.2

Manual Integrations
APPROVED

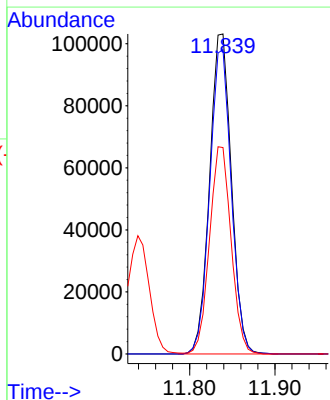
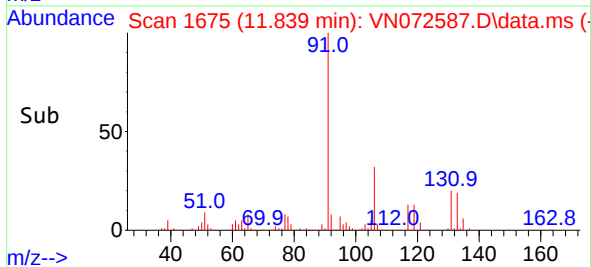
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

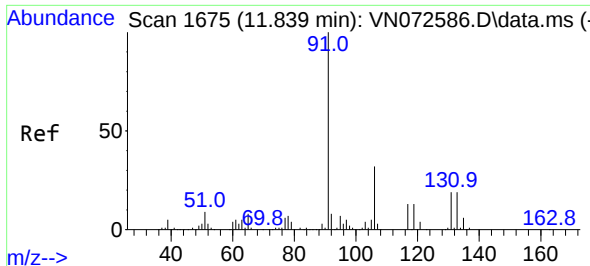


#66
1,1,1,2-Tetrachloroethane
Concen: 103.528 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40



Tgt Ion:131 Resp: 182833
Ion Ratio Lower Upper
131 100
133 94.3 47.8 143.4
119 64.3 33.4 100.2





#67
Ethyl Benzene
Concen: 112.184 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

Instrument :

MSVOA_N

ClientSampleId :

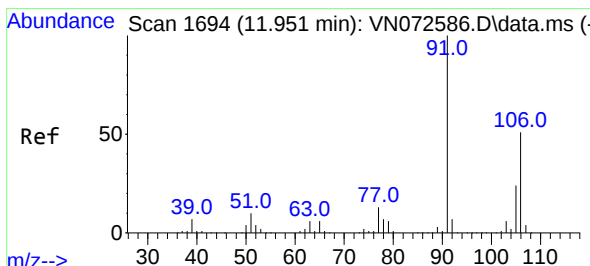
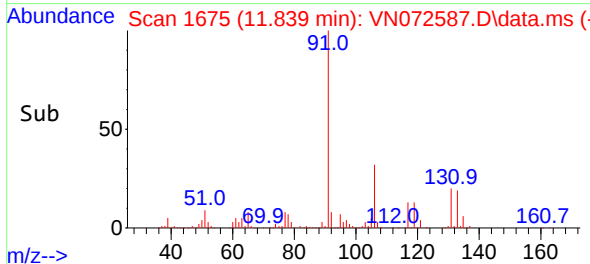
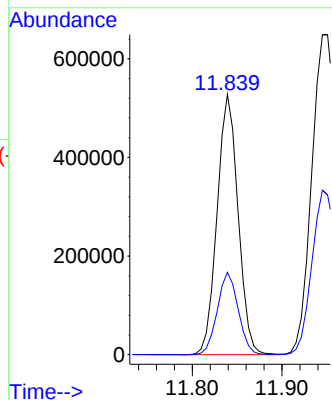
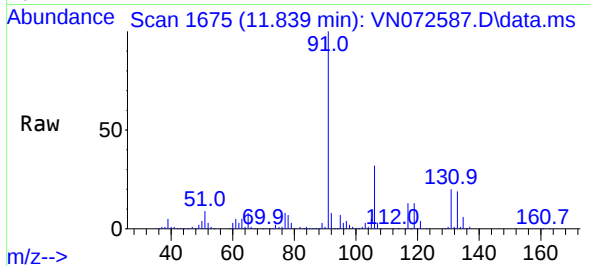
VSTDICC100

Tgt Ion: 91 Resp: 85617
Ion Ratio Lower Upper
91 100
106 31.7 24.9 37.3

Manual Integrations

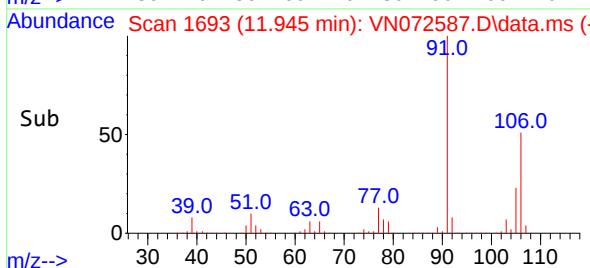
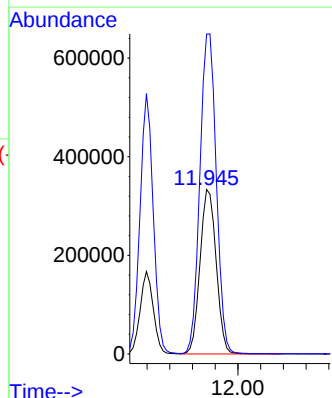
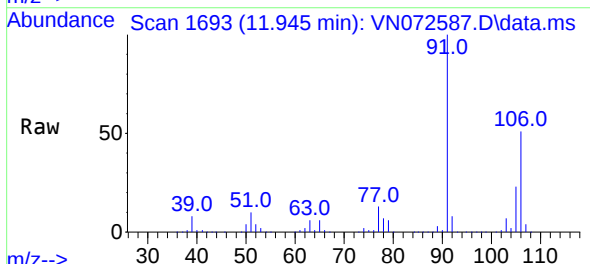
APPROVED

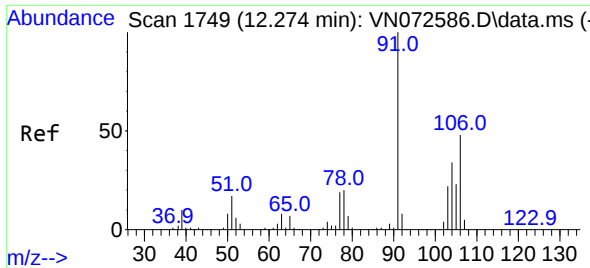
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#68
m/p-Xylenes
Concen: 224.916 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

Tgt Ion:106 Resp: 657842
Ion Ratio Lower Upper
106 100
91 198.1 158.9 238.3





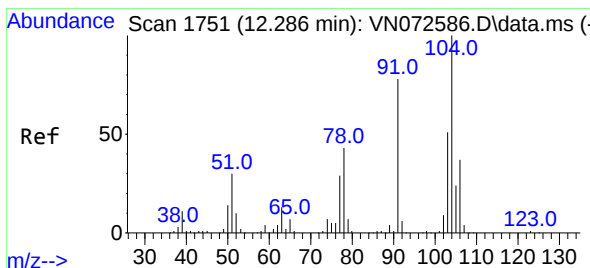
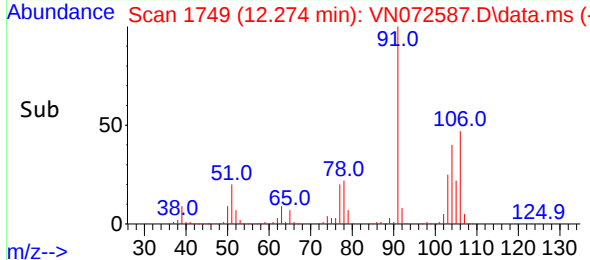
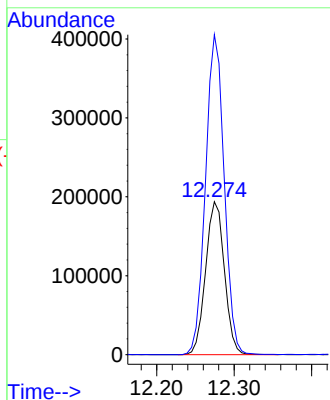
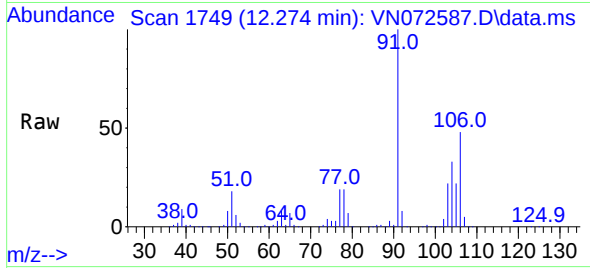
#69
o-Xylene
Concen: 109.821 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 326429
Ion Ratio Lower Upper
106 100
91 207.8 106.0 318.0

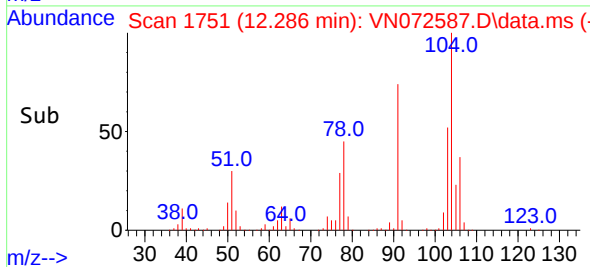
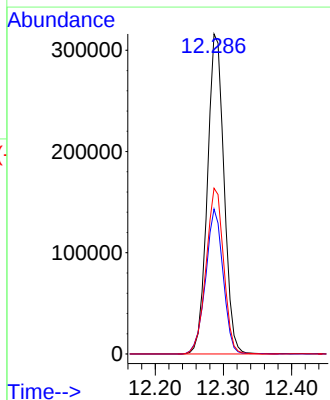
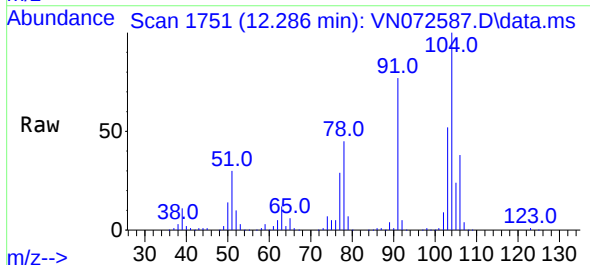
Manual Integrations
APPROVED

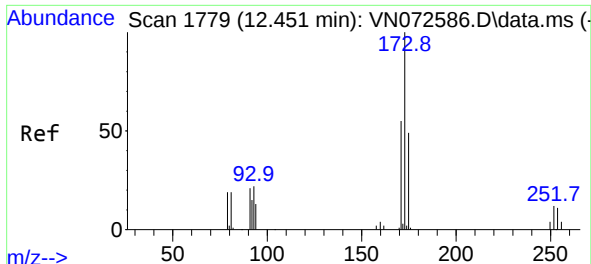
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#70
Styrene
Concen: 117.250 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

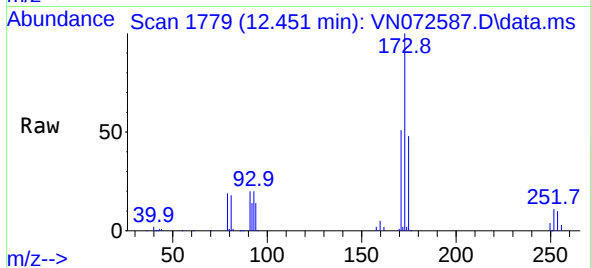
Tgt Ion:104 Resp: 536704
Ion Ratio Lower Upper
104 100
78 47.5 39.5 59.3
103 54.7 44.0 66.0





#71
Bromoform
Concen: 113.629 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

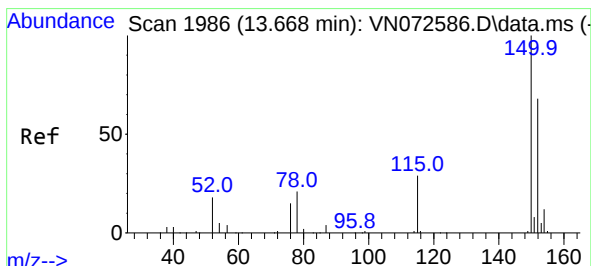
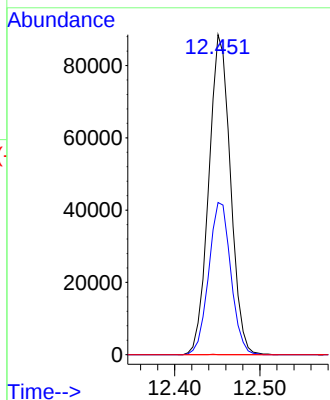
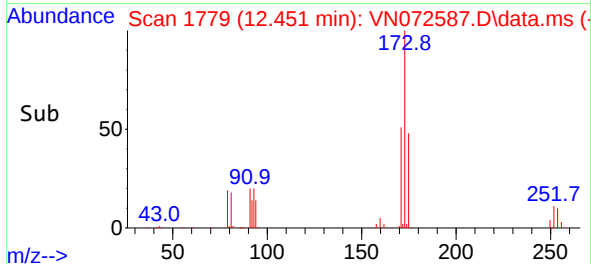
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



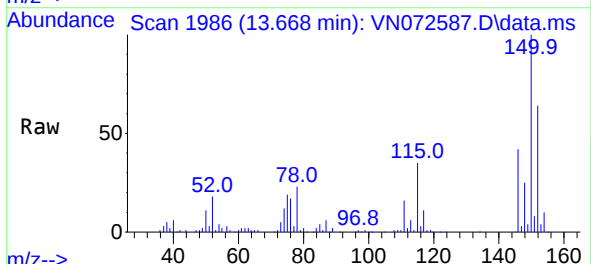
Tgt Ion:173 Resp: 156372
Ion Ratio Lower Upper
173 100
175 48.5 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

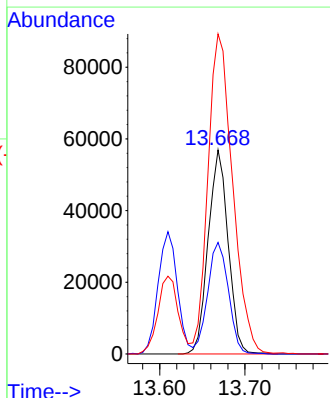
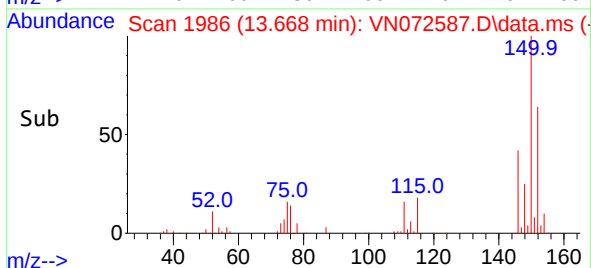
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

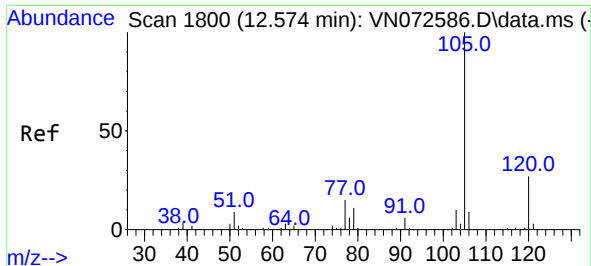


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40



Tgt Ion:152 Resp: 92911
Ion Ratio Lower Upper
152 100
115 56.6 28.9 86.7
150 194.3 0.0 356.2





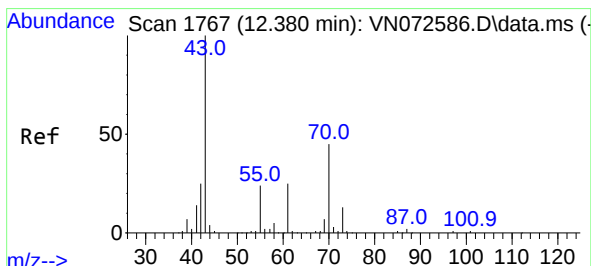
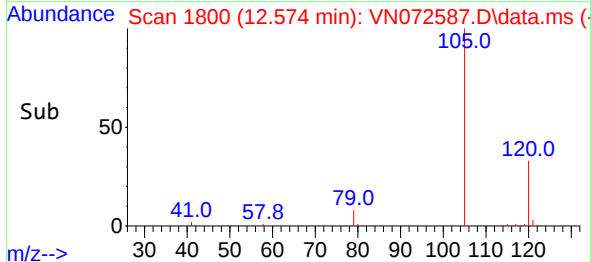
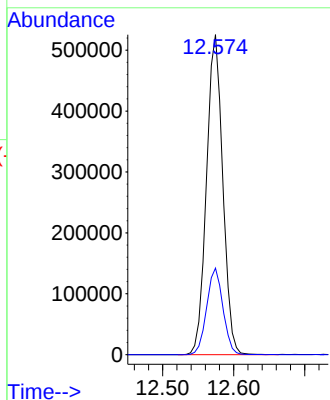
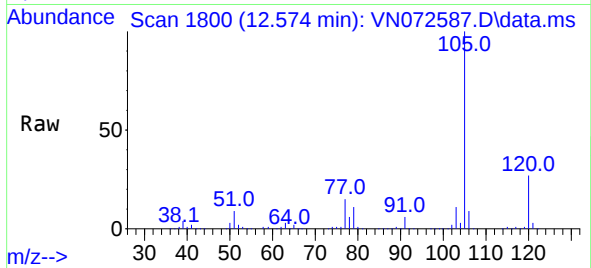
#73
Isopropylbenzene
Concen: 107.553 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:105 Resp: 83716
Ion Ratio Lower Upper
105 100
120 27.0 13.5 40.4

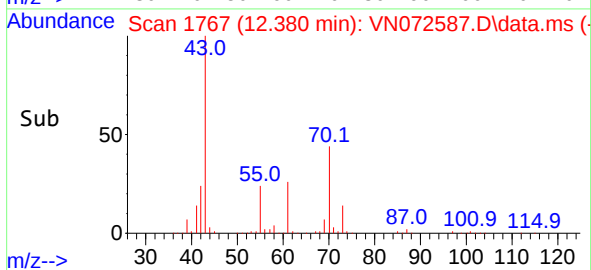
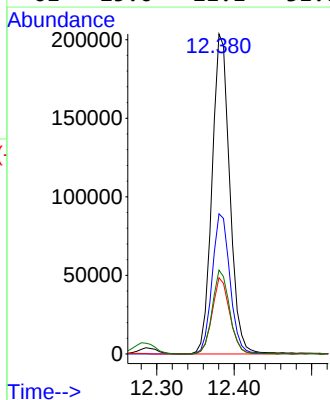
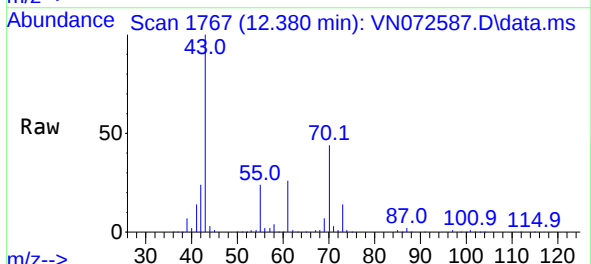
Manual Integrations
APPROVED

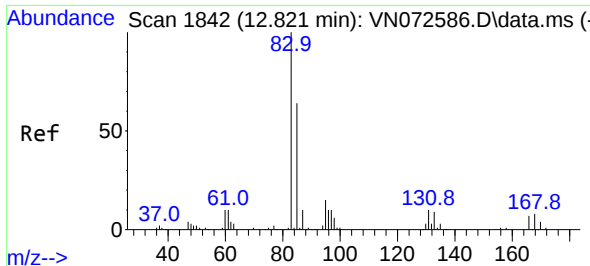
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#74
N-ethyl acetate
Concen: 120.479 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

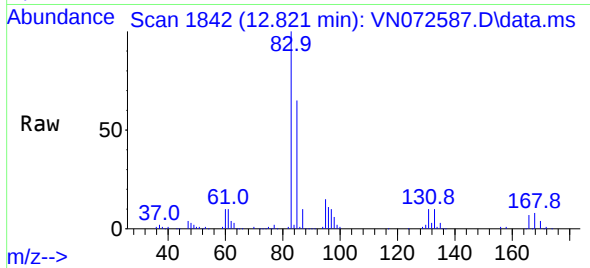
Tgt Ion: 43 Resp: 322684
Ion Ratio Lower Upper
43 100
70 44.3 39.0 58.4
55 23.8 21.1 31.7
61 25.6 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 104.993 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

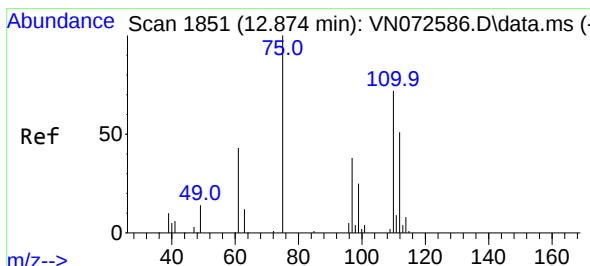
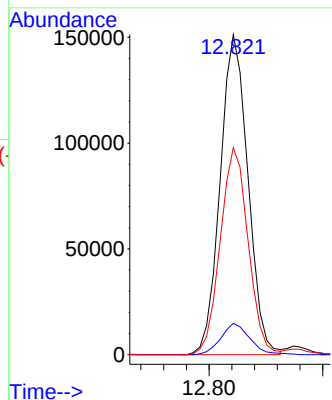
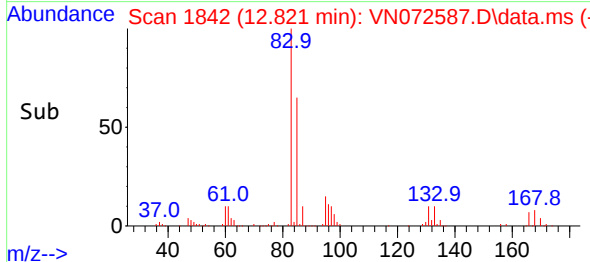
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



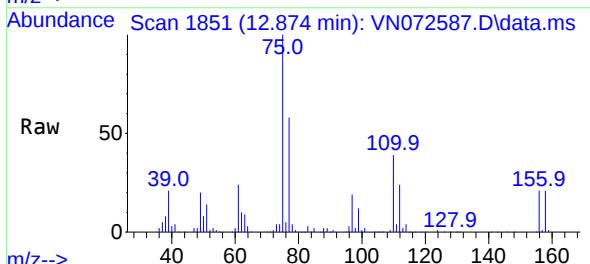
Tgt Ion: 83 Resp: 256679
Ion Ratio Lower Upper
83 100
131 10.2 5.3 15.9
85 64.9 32.3 96.9

Manual Integrations
APPROVED

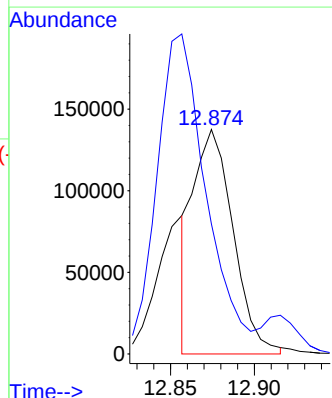
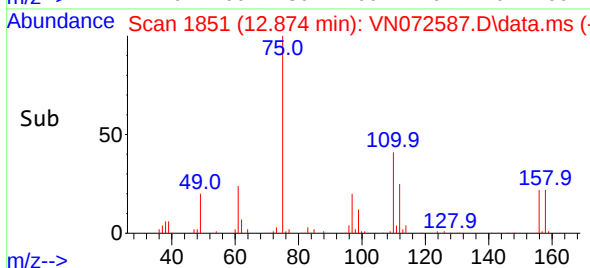
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

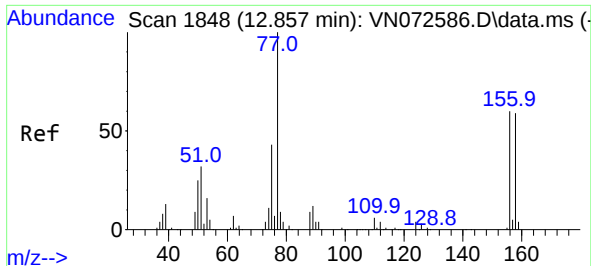


#76
1,2,3-Trichloropropane
Concen: 83.545 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40



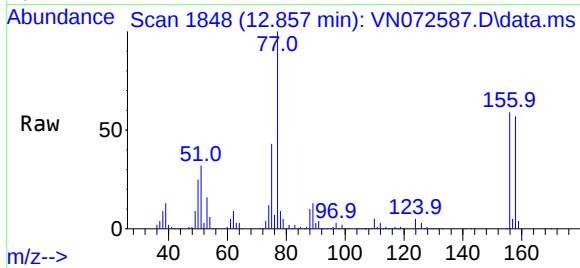
Tgt Ion: 75 Resp: 228006
Ion Ratio Lower Upper
75 100
77 175.3 98.5 295.5





#77
Bromobenzene
Concen: 101.363 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

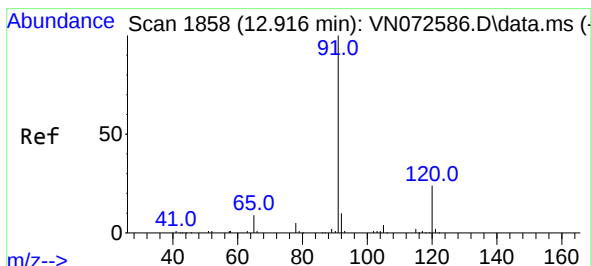
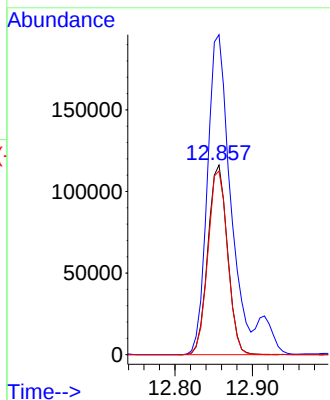
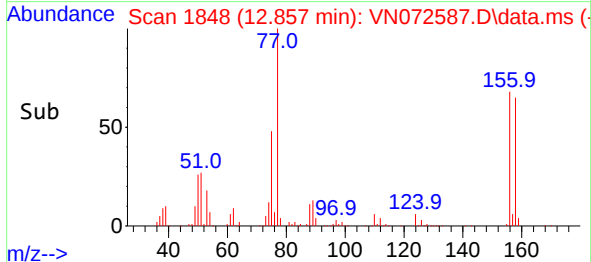
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



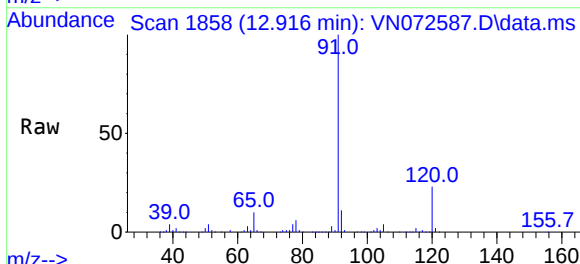
Tgt Ion:156 Resp: 204078
Ion Ratio Lower Upper
156 100
77 195.9 100.5 301.5
158 97.3 48.9 146.6

Manual Integrations
APPROVED

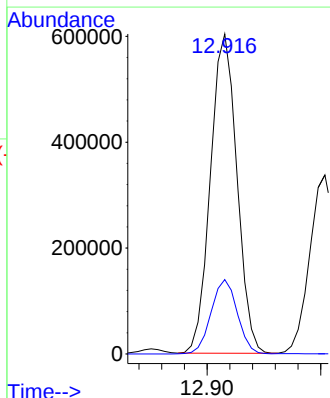
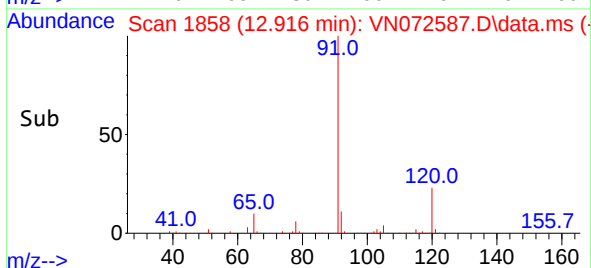
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

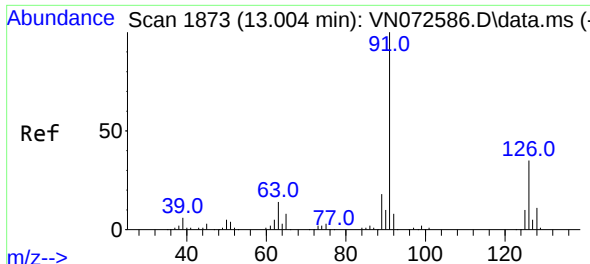


#78
n-propylbenzene
Concen: 114.486 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40



Tgt Ion: 91 Resp: 976493
Ion Ratio Lower Upper
91 100
120 23.1 11.9 35.5





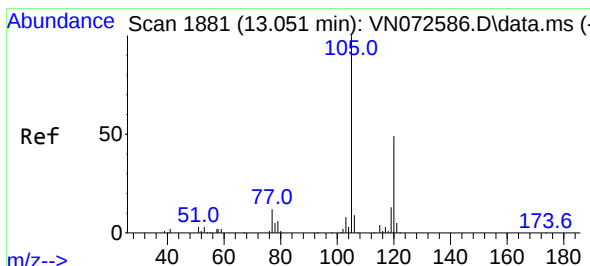
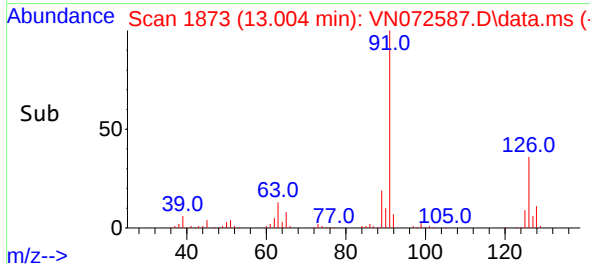
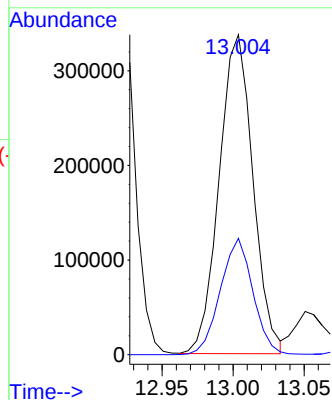
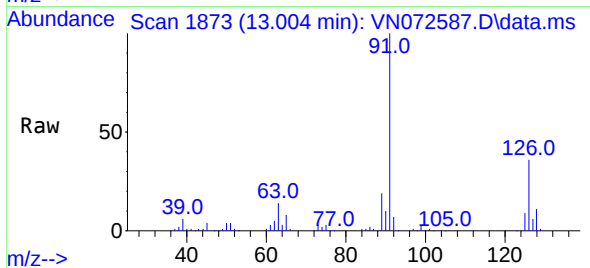
#79
2-Chlorotoluene
Concen: 99.374 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 91 Resp: 55814
Ion Ratio Lower Upper
91 100
126 35.2 17.3 51.9

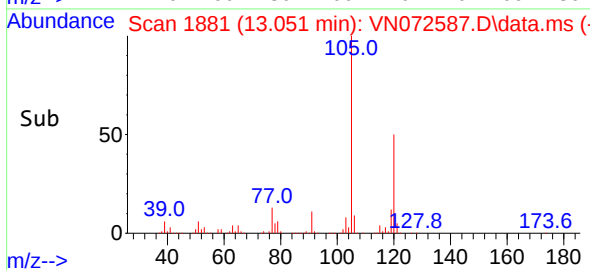
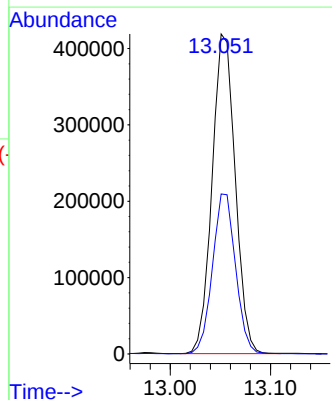
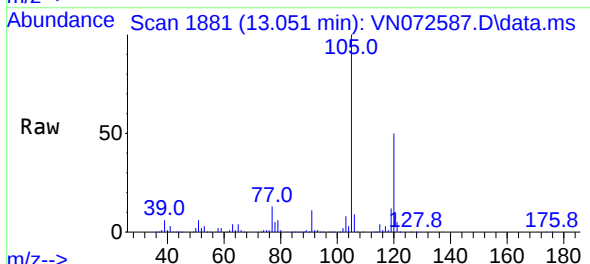
Manual Integrations
APPROVED

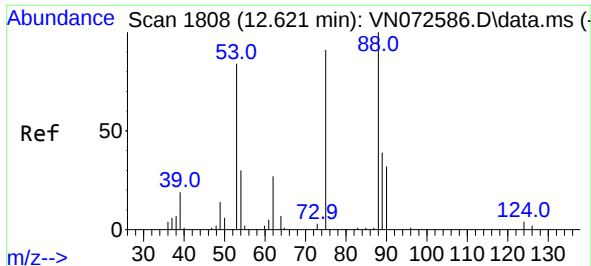
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#80
1,3,5-Trimethylbenzene
Concen: 101.494 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

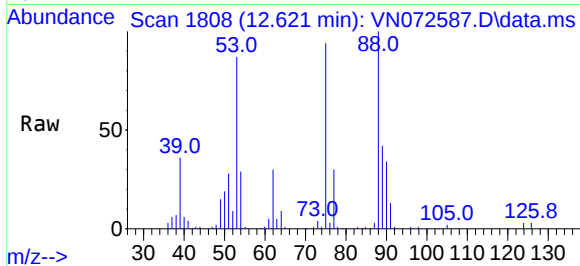
Tgt Ion:105 Resp: 670765
Ion Ratio Lower Upper
105 100
120 50.2 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 126.926 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

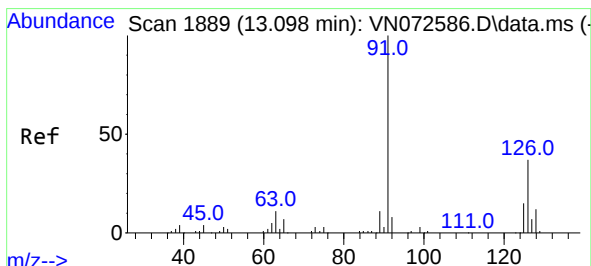
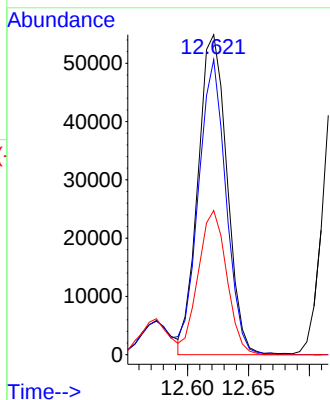
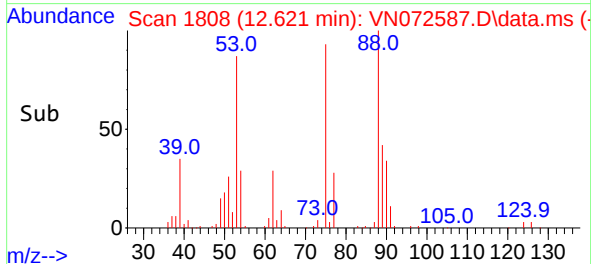
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



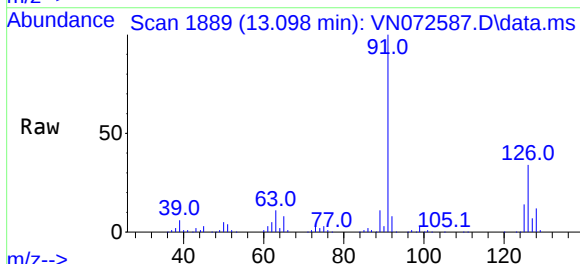
Tgt Ion: 75 Resp: 90830
Ion Ratio Lower Upper
75 100
53 88.5 78.0 117.0
89 44.3 37.2 55.8

Manual Integrations
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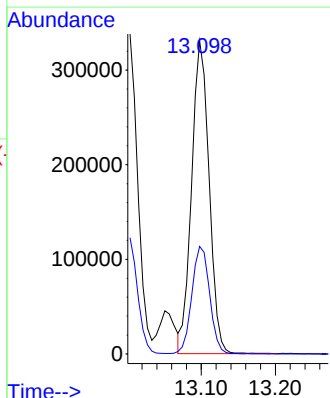
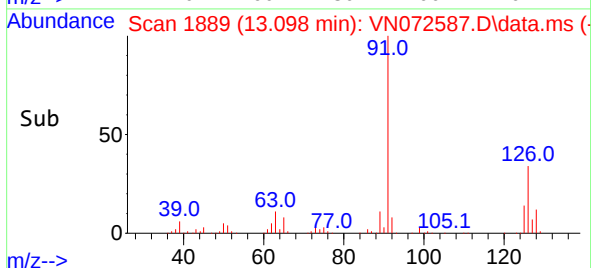
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

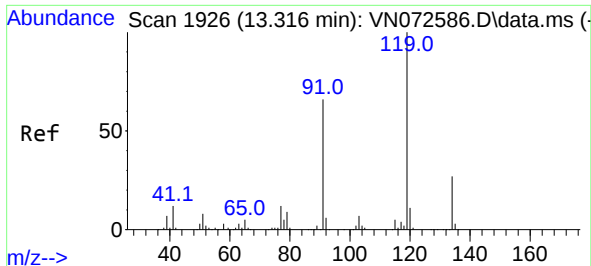


#82
4-Chlorotoluene
Concen: 103.182 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40



Tgt Ion: 91 Resp: 541508
Ion Ratio Lower Upper
91 100
126 35.0 17.2 51.6





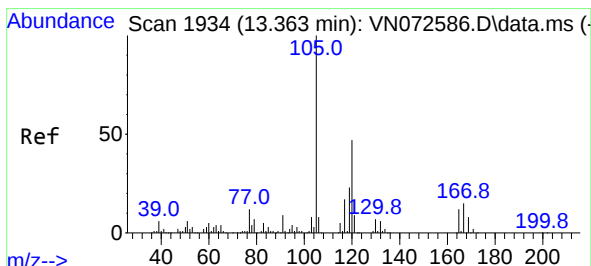
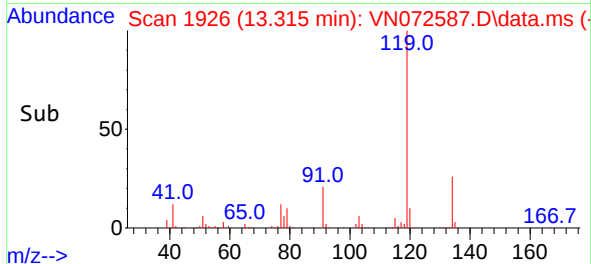
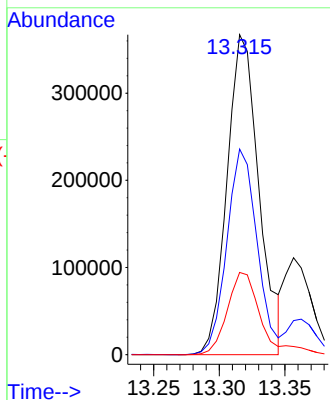
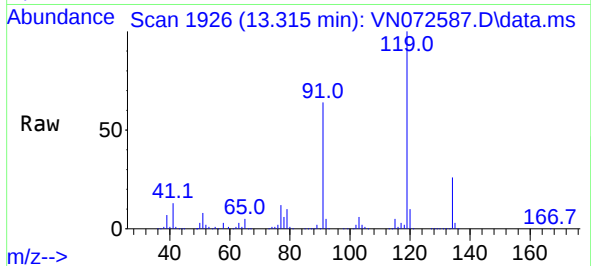
#83
tert-Butylbenzene
Concen: 107.830 ug/l
RT: 13.315 min Scan# 1926
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:119 Resp: 622204
Ion Ratio Lower Upper
119 100
91 61.0 31.6 94.8
134 27.0 13.7 41.1

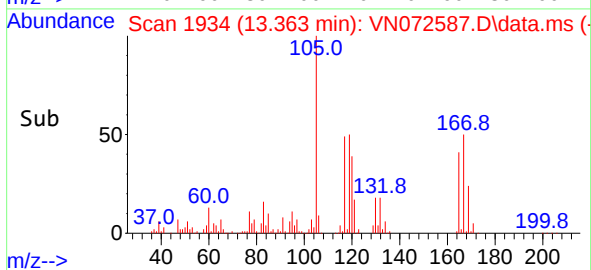
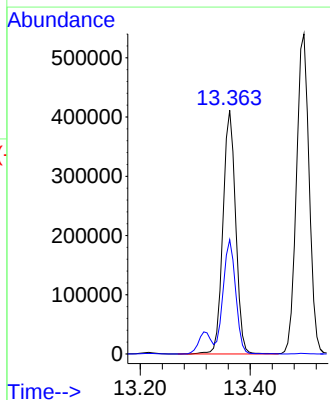
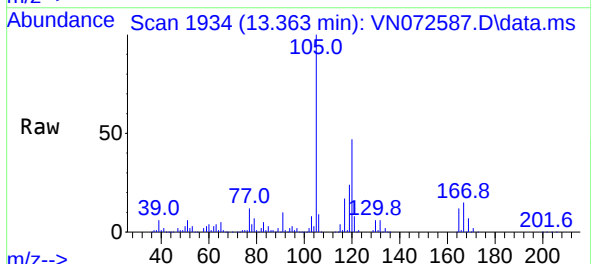
Manual Integrations
APPROVED

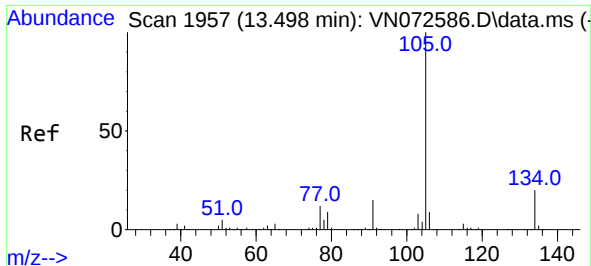
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#84
1,2,4-Trimethylbenzene
Concen: 102.408 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

Tgt Ion:105 Resp: 659561
Ion Ratio Lower Upper
105 100
120 46.4 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 115.140 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072587.D
 Acq: 24 May 2022 14:40

Instrument :

MSVOA_N

ClientSampleId :

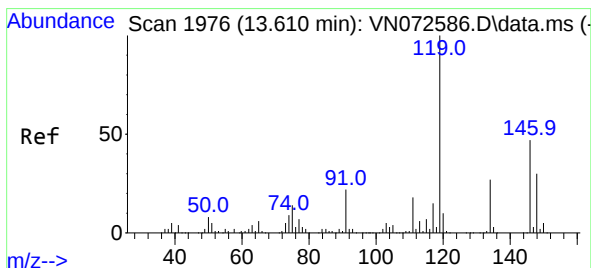
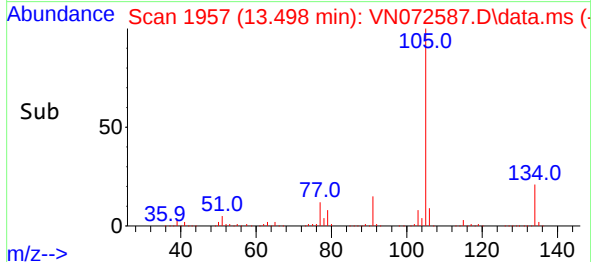
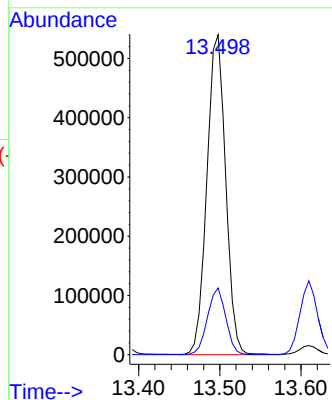
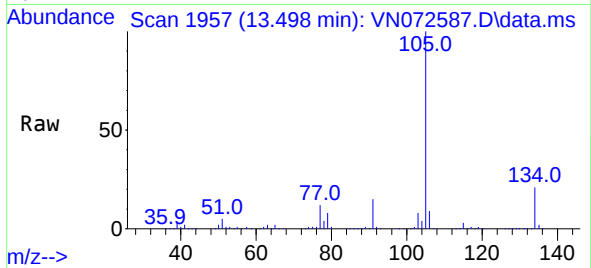
VSTDIC100

Tgt Ion:105 Resp: 867044
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.4 31.1

Manual Integrations

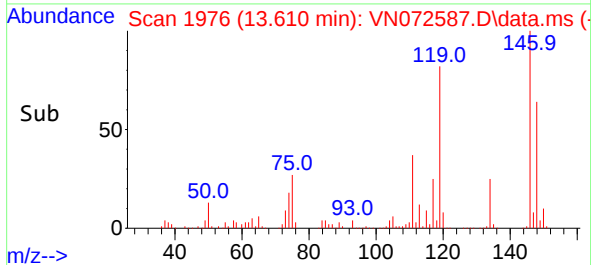
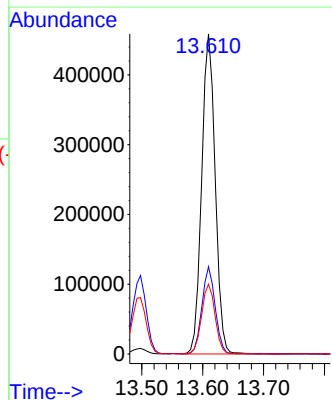
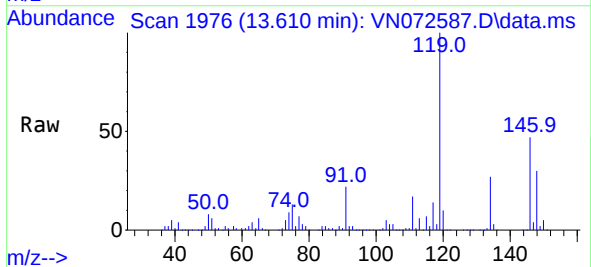
APPROVED

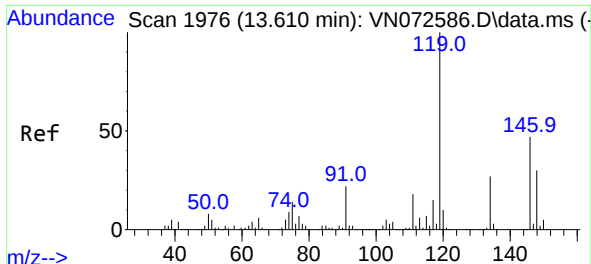
Reviewed By :John Carlone 05/25/2022
 Supervised By :Mahesh Dadoda 05/25/2022



#86
 p-Isopropyltoluene
 Concen: 115.116 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072587.D
 Acq: 24 May 2022 14:40

Tgt Ion:119 Resp: 708264
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.3 39.8
 91 21.8 11.3 33.9





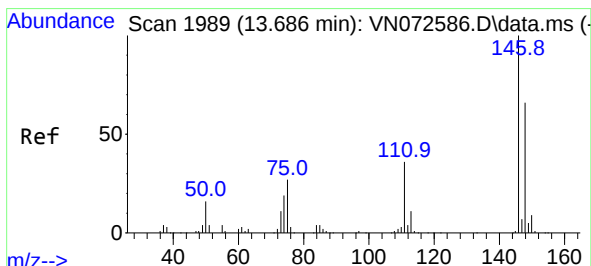
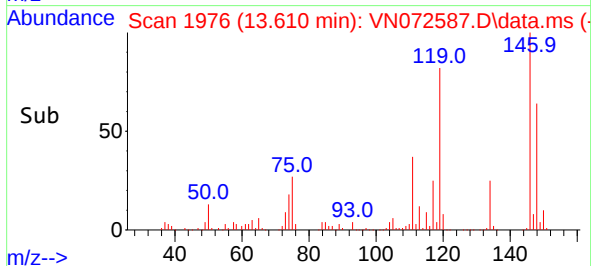
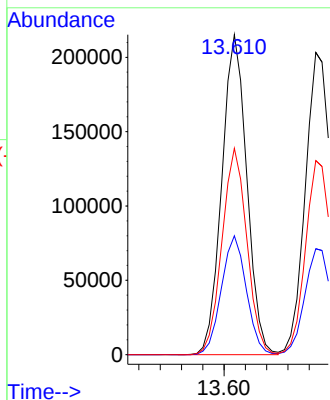
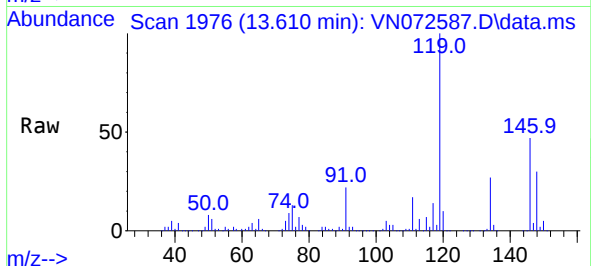
#87
1,3-Dichlorobenzene
Concen: 106.468 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:146 Resp: 350603
Ion Ratio Lower Upper
146 100
111 37.1 20.0 60.0
148 64.3 32.0 96.0

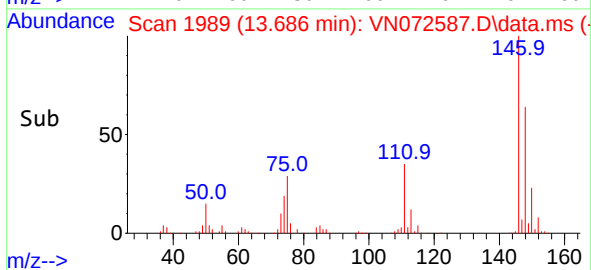
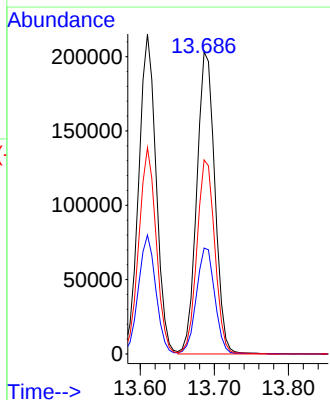
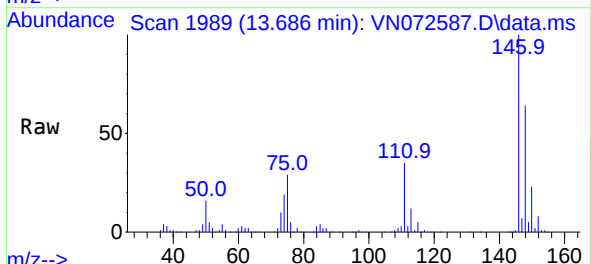
Manual Integrations
APPROVED

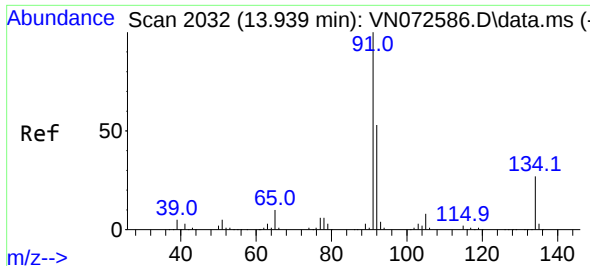
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#88
1,4-Dichlorobenzene
Concen: 108.028 ug/l
RT: 13.686 min Scan# 1989
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

Tgt Ion:146 Resp: 344903
Ion Ratio Lower Upper
146 100
111 35.8 19.1 57.1
148 63.6 31.4 94.3





#89
n-Butylbenzene
Concen: 125.049 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

Instrument :

MSVOA_N

ClientSampleId :

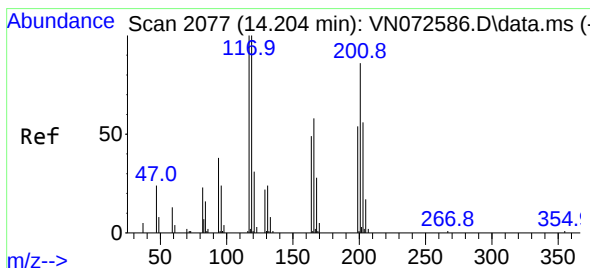
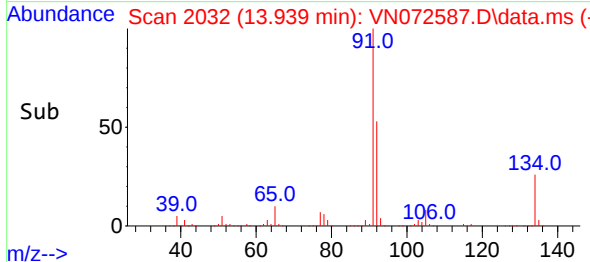
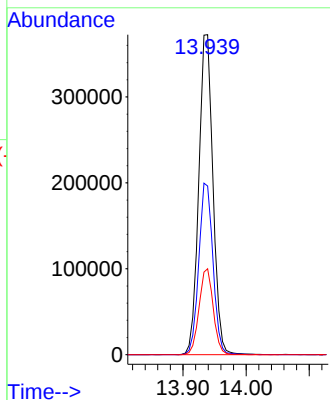
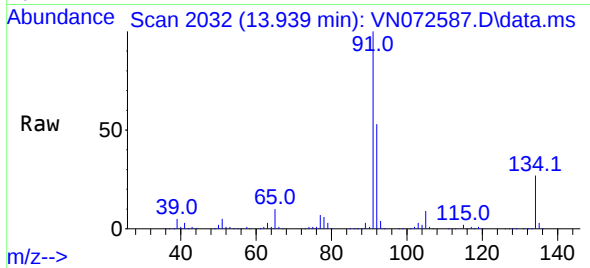
VSTDICC100

Tgt Ion: 91 Resp: 58348
Ion Ratio Lower Upper
91 100
92 53.4 26.9 80.7
134 26.7 13.6 40.8

Manual Integrations

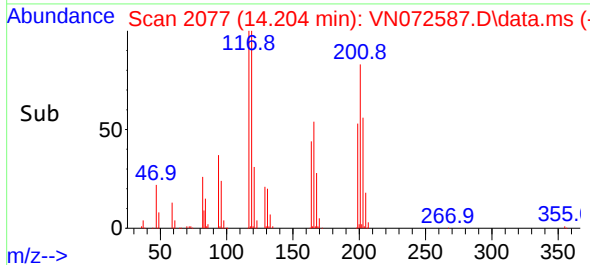
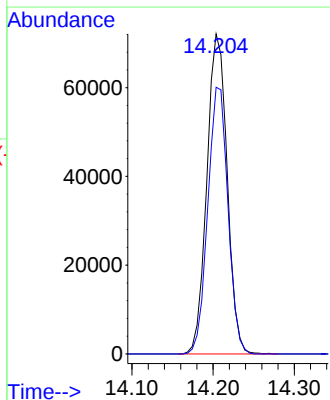
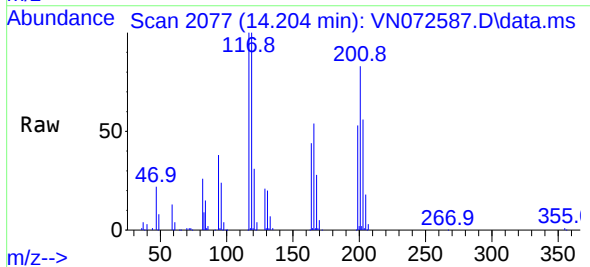
APPROVED

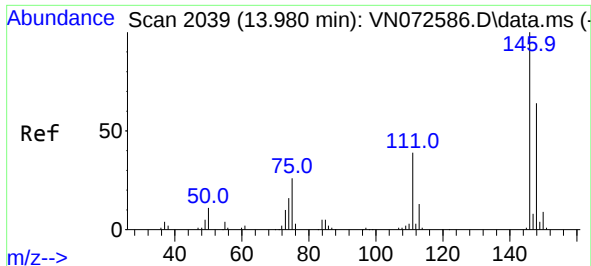
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#90
Hexachloroethane
Concen: 113.791 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

Tgt Ion:117 Resp: 125136
Ion Ratio Lower Upper
117 100
201 82.9 40.6 122.0





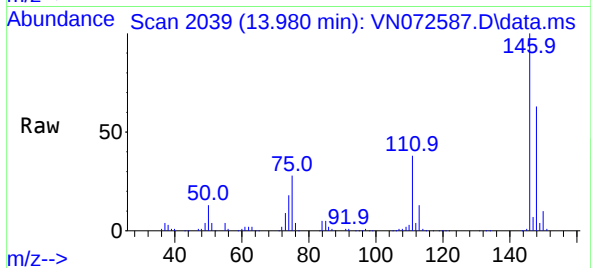
#91
1,2-Dichlorobenzene
Concen: 102.980 ug/l
RT: 13.980 min Scan# 2039
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100



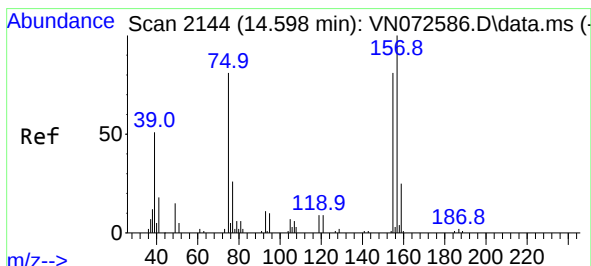
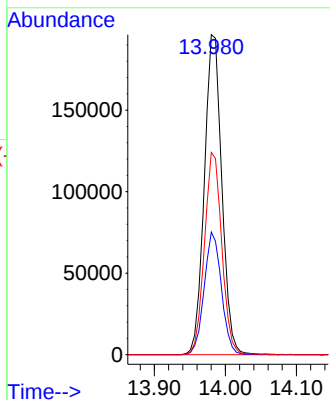
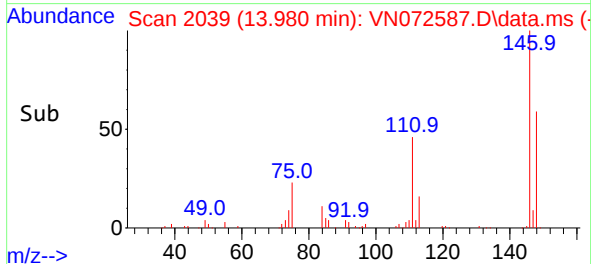
Tgt Ion:146 Resp: 336735
Ion Ratio Lower Upper
146 100
111 37.7 20.9 62.8
148 62.7 32.1 96.3

Manual Integrations

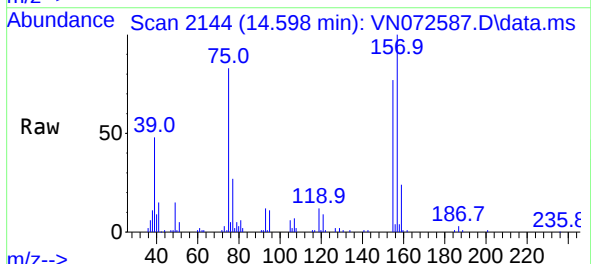
APPROVED

Reviewed By :John Carlone 05/25/2022

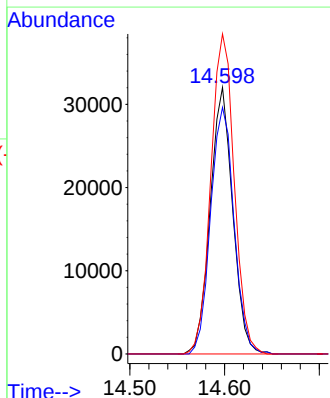
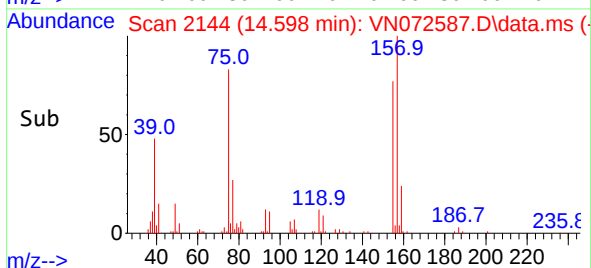
Supervised By :Mahesh Dadoda 05/25/2022

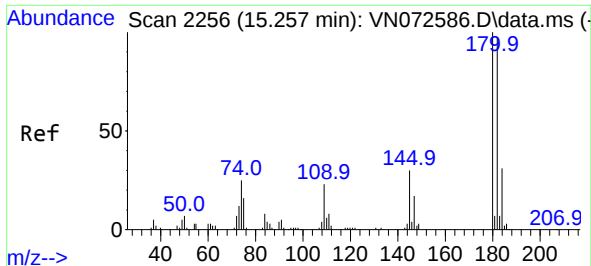


#92
1,2-Dibromo-3-Chloropropane
Concen: 108.310 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40



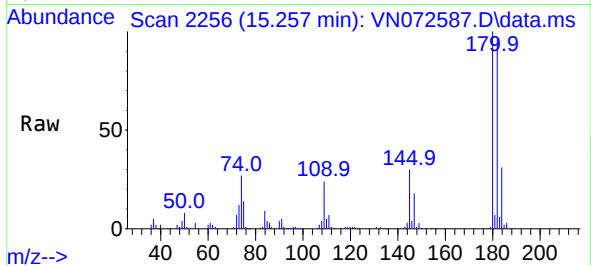
Tgt Ion: 75 Resp: 52883
Ion Ratio Lower Upper
75 100
155 96.0 44.9 134.5
157 124.8 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 138.127 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

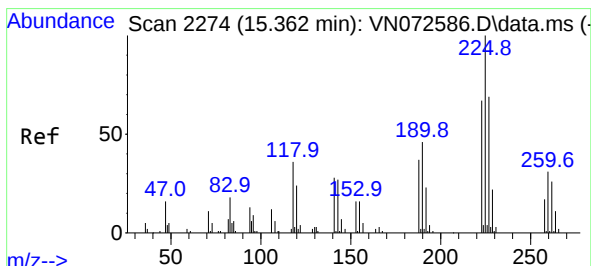
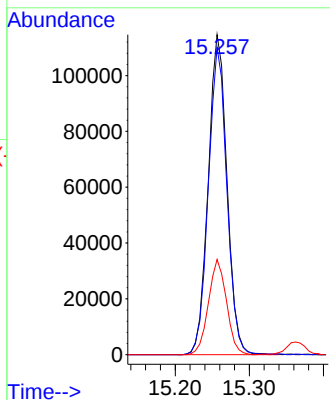
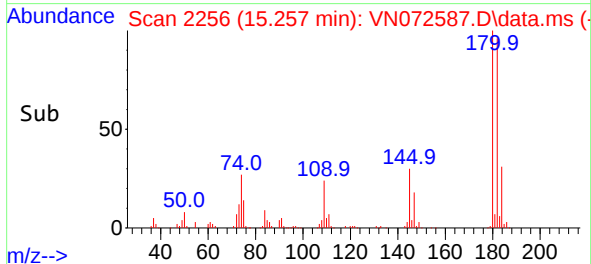
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



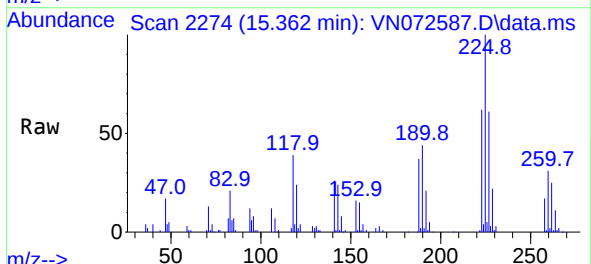
Tgt Ion:180 Resp: 20162
Ion Ratio Lower Upper
180 100
182 94.8 47.5 142.5
145 28.7 14.5 43.5

Manual Integrations
APPROVED

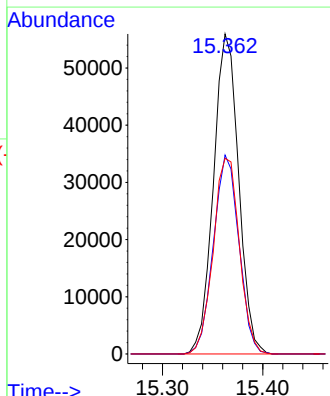
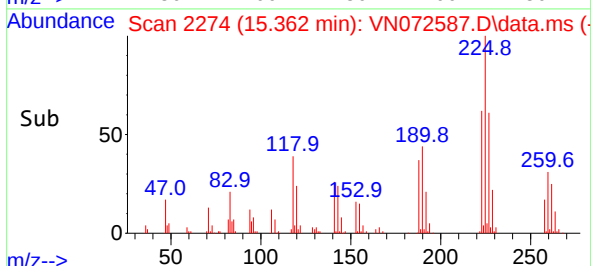
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

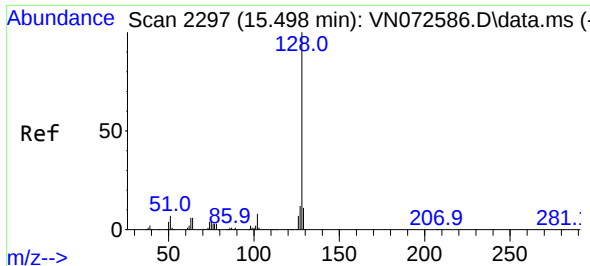


#94
Hexachlorobutadiene
Concen: 107.190 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40



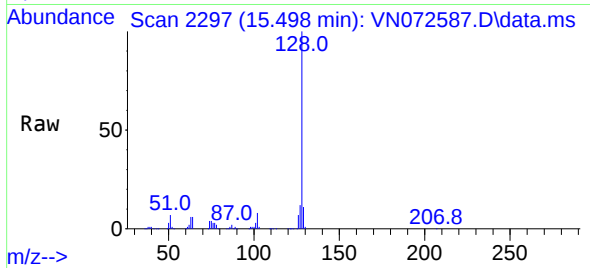
Tgt Ion:225 Resp: 97210
Ion Ratio Lower Upper
225 100
223 63.0 32.4 97.2
227 63.7 31.8 95.4





#95
Naphthalene
Concen: 158.444 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40

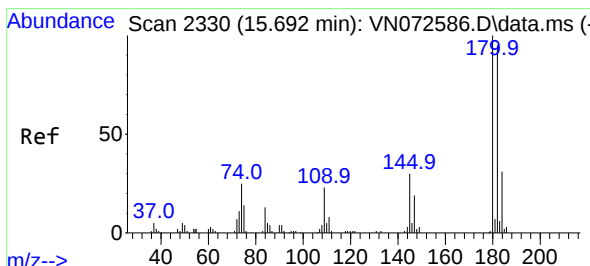
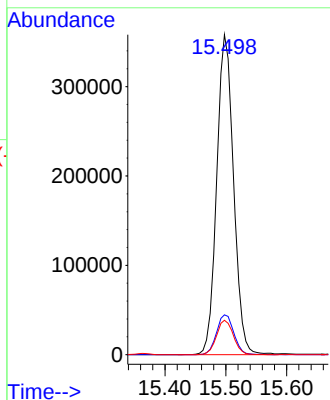
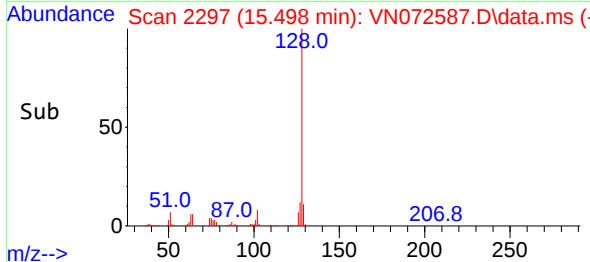
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



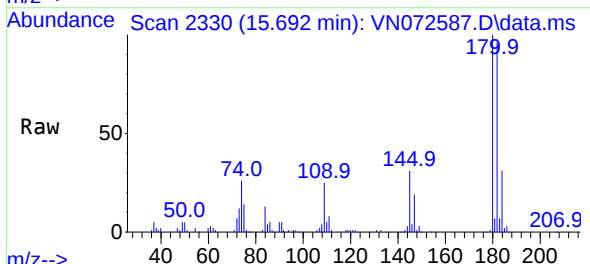
Tgt Ion:128 Resp: 68925
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.8 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#96
1,2,3-Trichlorobenzene
Concen: 136.242 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN072587.D
Acq: 24 May 2022 14:40



Tgt Ion:180 Resp: 206050
Ion Ratio Lower Upper
180 100
182 93.7 47.8 143.3
145 29.9 15.5 46.5

