

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
 Data File : VN072584.D
 Acq On : 24 May 2022 13:27
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

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

Quant Time: May 24 14:56:16 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

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	170691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	264912	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	242791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	95044	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	18881	7.431	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	14.860%#		
35) Dibromofluoromethane	8.016	113	15831	8.940	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	17.880%#		
50) Toluene-d8	10.439	98	61276	9.112	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	18.220%#		
62) 4-Bromofluorobenzene	12.727	95	18820	7.576	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	15.160%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.063	85	16086	8.310	ug/l	95
3) Chloromethane	2.293	50	19926	10.815	ug/l	98
4) Vinyl Chloride	2.434	62	16228	10.769	ug/l	92
5) Bromomethane	2.810	94	8973	6.821	ug/l	94
6) Chloroethane	2.993	64	10447	6.424	ug/l	97
7) Trichlorofluoromethane	3.351	101	27851	8.366	ug/l	99
8) Diethyl Ether	3.822	74	10627	10.330	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.204	101	16182	9.930	ug/l	99
10) Methyl Iodide	4.416	142	18420	8.887	ug/l	98
11) Tert butyl alcohol	5.363	59	17473	65.433	ug/l	95
12) 1,1-Dichloroethene	4.175	96	14544	10.088	ug/l	96
13) Acrolein	4.040	56	10633	32.986	ug/l	96
14) Allyl chloride	4.828	41	27405	11.214	ug/l	90
15) Acrylonitrile	5.545	53	58627	59.557	ug/l	99
16) Acetone	4.275	43	46729	55.651	ug/l	96
17) Carbon Disulfide	4.522	76	37041	9.995	ug/l	99
18) Methyl Acetate	4.851	43	28593	11.237	ug/l	93
19) Methyl tert-butyl Ether	5.616	73	53389	9.279	ug/l	96
20) Methylene Chloride	5.087	84	20459	10.471	ug/l	97
21) trans-1,2-Dichloroethene	5.587	96	16530	10.408	ug/l	93
22) Diisopropyl ether	6.487	45	60540	11.219	ug/l	97
23) Vinyl Acetate	6.422	43	255723	55.006	ug/l	95
24) 1,1-Dichloroethane	6.375	63	32744	10.150	ug/l	97
25) 2-Butanone	7.328	43	77628	58.161	ug/l	93
26) 2,2-Dichloropropane	7.322	77	24379	8.359	ug/l	100
27) cis-1,2-Dichloroethene	7.322	96	20572	10.379	ug/l	97
28) Bromochloromethane	7.657	49	13886	10.631	ug/l	95
29) Tetrahydrofuran	7.681	42	51491	63.782	ug/l	92
30) Chloroform	7.810	83	33663	9.223	ug/l	99
31) Cyclohexane	8.086	56	31224	10.342	ug/l #	93
32) 1,1,1-Trichloroethane	8.004	97	28063	8.478	ug/l	97
36) 1,1-Dichloropropene	8.216	75	24603	10.015	ug/l	97
37) Ethyl Acetate	7.404	43	32622	11.639	ug/l	97
38) Carbon Tetrachloride	8.198	117	26242	8.762	ug/l	94
39) Methylcyclohexane	9.451	83	29000	9.904	ug/l	96
40) Benzene	8.451	78	78185	10.708	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
 Data File : VN072584.D
 Acq On : 24 May 2022 13:27
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

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

Quant Time: May 24 14:56:16 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	16590	12.194	ug/l #	83
42) 1,2-Dichloroethane	8.522	62	25910	7.961	ug/l	99
43) Isopropyl Acetate	8.557	43	44891	10.179	ug/l	99
44) Trichloroethene	9.210	130	19771	9.941	ug/l	96
45) 1,2-Dichloropropane	9.480	63	20227	11.094	ug/l	96
46) Dibromomethane	9.569	93	13265	9.824	ug/l	97
47) Bromodichloromethane	9.757	83	26370	9.522	ug/l #	99
48) Methyl methacrylate	9.557	41	21614	10.269	ug/l	97
49) 1,4-Dioxane	9.563	88	8674	379.426	ug/l	98
51) 4-Methyl-2-Pentanone	10.322	43	160070	55.202	ug/l	96
52) Toluene	10.498	92	50588	10.817	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	27547	9.331	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	30083	10.138	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	20594	10.137	ug/l	92
56) Ethyl methacrylate	10.757	69	32130	10.596	ug/l	97
57) 1,3-Dichloropropane	11.039	76	35373	10.353	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.039	63	67542	80.403	ug/l	96
59) 2-Hexanone	11.080	43	111870	55.370	ug/l	96
60) Dibromochloromethane	11.233	129	21536	9.371	ug/l	98
61) 1,2-Dibromoethane	11.339	107	20974	9.974	ug/l	95
64) Tetrachloroethene	10.975	164	18581	10.717	ug/l	96
65) Chlorobenzene	11.763	112	54212	10.720	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	20785	10.232	ug/l	99
67) Ethyl Benzene	11.839	91	92013	10.481	ug/l	99
68) m/p-Xylenes	11.945	106	72761	21.626	ug/l	97
69) o-Xylene	12.274	106	34454	10.077	ug/l	99
70) Styrene	12.292	104	54806	10.409	ug/l	98
71) Bromoform	12.451	173	16898	10.675	ug/l #	100
73) Isopropylbenzene	12.574	105	89855	11.285	ug/l	100
74) N-amyl acetate	12.386	43	32094	11.714	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.821	83	31902	12.757	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	29932m	10.721	ug/l	
77) Bromobenzene	12.857	156	21485	10.432	ug/l	97
78) n-propylbenzene	12.916	91	98197	11.254	ug/l	99
79) 2-Chlorotoluene	13.004	91	60481	10.527	ug/l	98
80) 1,3,5-Trimethylbenzene	13.051	105	69840	10.330	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.616	75	8882	12.133	ug/l	97
82) 4-Chlorotoluene	13.098	91	55701	10.375	ug/l	97
83) tert-Butylbenzene	13.316	119	65676	11.126	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	68433	10.387	ug/l	99
85) sec-Butylbenzene	13.498	105	86789	11.267	ug/l	100
86) p-Isopropyltoluene	13.610	119	67409	10.710	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	35992	10.685	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	34269	10.493	ug/l	93
89) n-Butylbenzene	13.933	91	50065	10.489	ug/l	99
90) Hexachloroethane	14.204	117	12854	11.426	ug/l	93
91) 1,2-Dichlorobenzene	13.980	146	34710	10.377	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.604	75	5235	10.481	ug/l	91
93) 1,2,4-Trichlorobenzene	15.257	180	18702	12.525	ug/l	100
94) Hexachlorobutadiene	15.362	225	10908	11.758	ug/l	95
95) Naphthalene	15.498	128	59958	13.474	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	19585	12.659	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
Data File : VN072584.D
Acq On : 24 May 2022 13:27
Operator : JC\MD
Sample : VSTDICC010
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

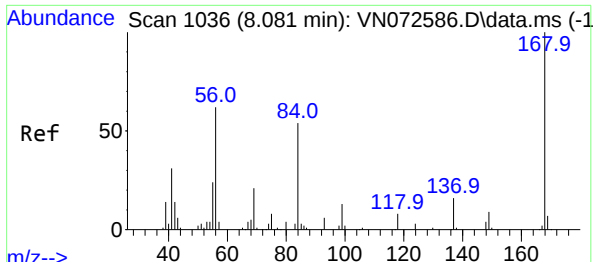
Manual Integrations
APPROVED

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

Quant Time: May 24 14:56:16 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

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed



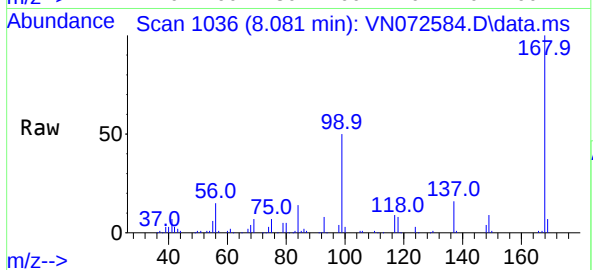
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

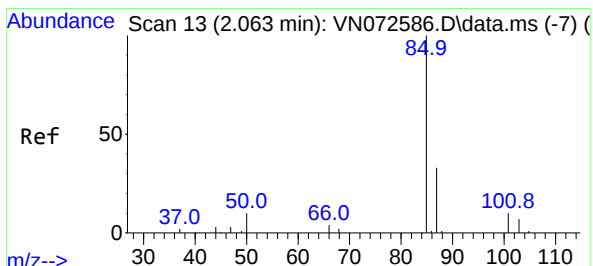
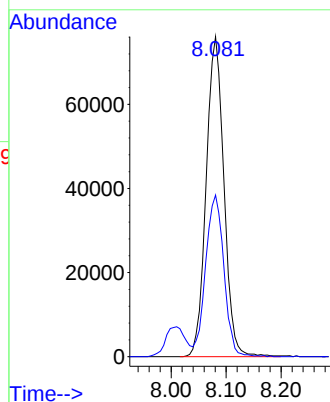
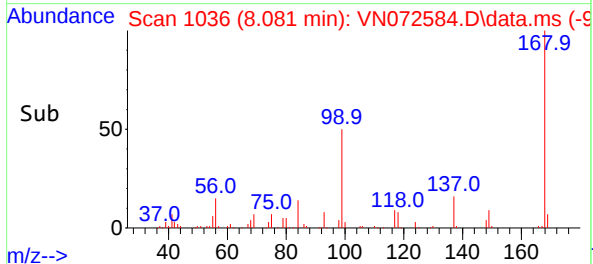


Tgt Ion:168 Resp: 17069
Ion Ratio Lower Upper
168 100
99 50.5 42.3 63.5

Manual Integrations

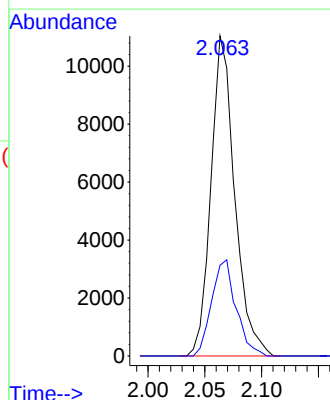
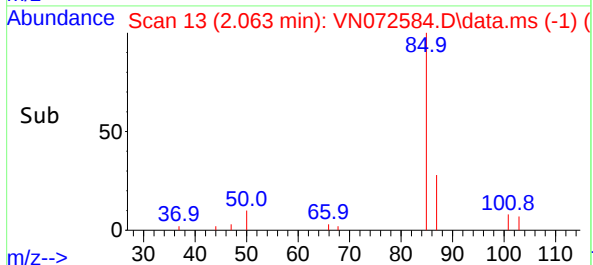
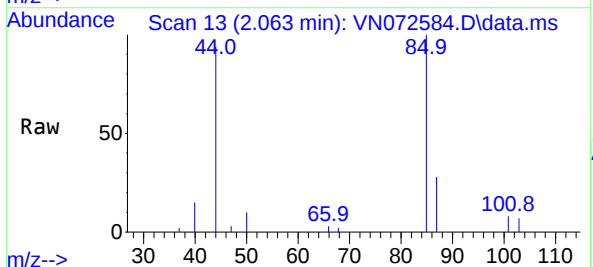
APPROVED

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

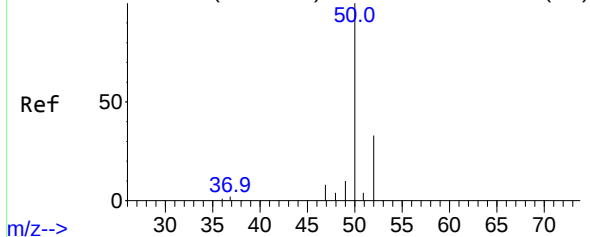


#2
Dichlorodifluoromethane
Concen: 8.310 ug/l
RT: 2.063 min Scan# 13
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

Tgt Ion: 85 Resp: 16086
Ion Ratio Lower Upper
85 100
87 28.4 15.7 47.1



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



#3

Chloromethane

Concen: 10.815 ug/l

RT: 2.293 min Scan# 51

Delta R.T. 0.000 min

Lab File: VN072584.D

Acq: 24 May 2022 13:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 50 Resp: 19920

Ion Ratio Lower Upper

50 100

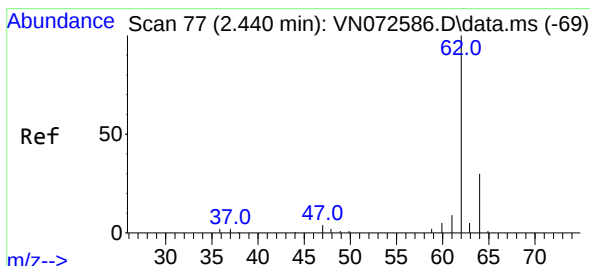
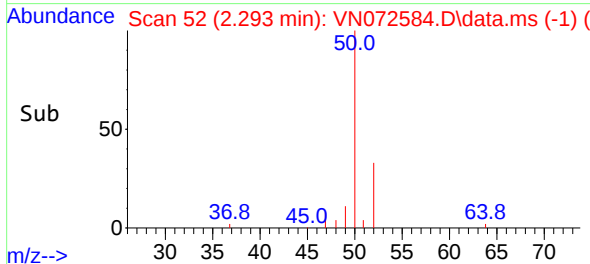
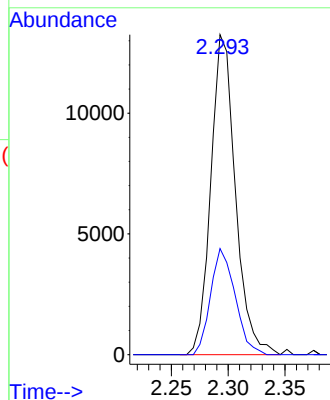
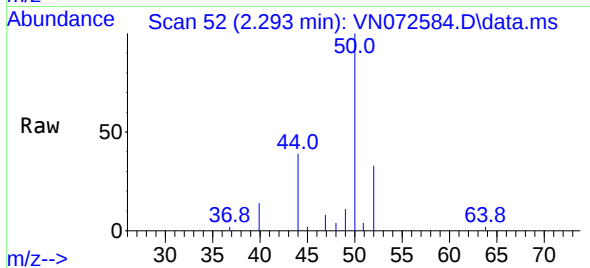
52 33.1 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2022

Supervised By :Mahesh Dadoda 05/25/2022



#4

Vinyl Chloride

Concen: 10.769 ug/l

RT: 2.434 min Scan# 76

Delta R.T. -0.006 min

Lab File: VN072584.D

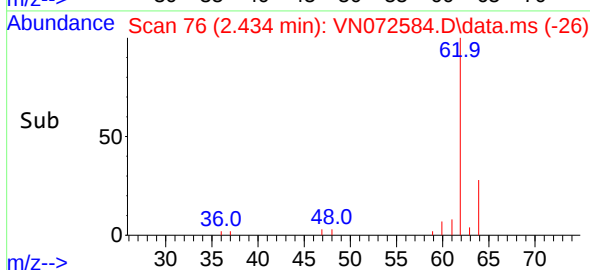
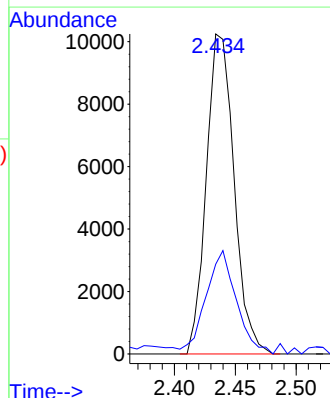
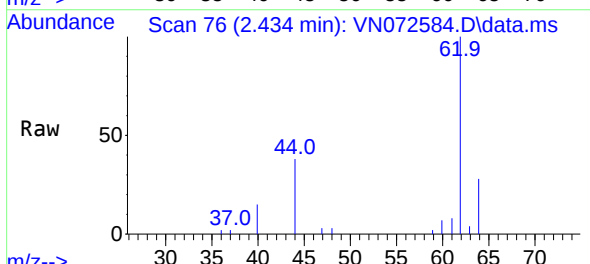
Acq: 24 May 2022 13:27

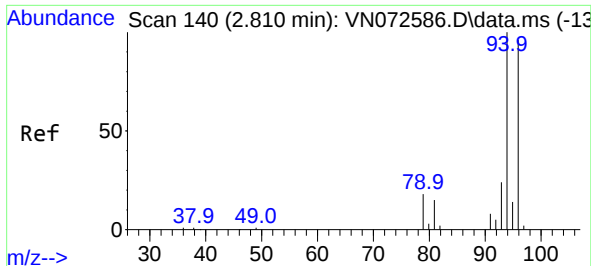
Tgt Ion: 62 Resp: 16228

Ion Ratio Lower Upper

62 100

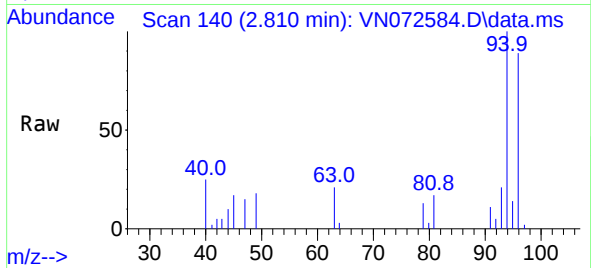
64 26.6 25.0 37.4





#5
Bromomethane
Concen: 6.821 ug/l
RT: 2.810 min Scan# 140
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

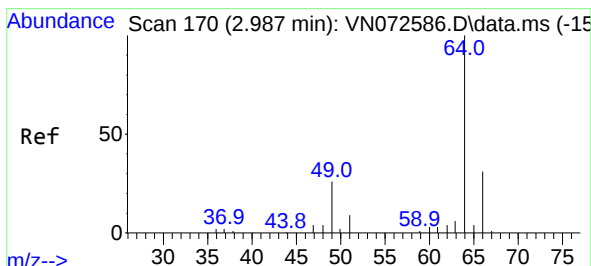
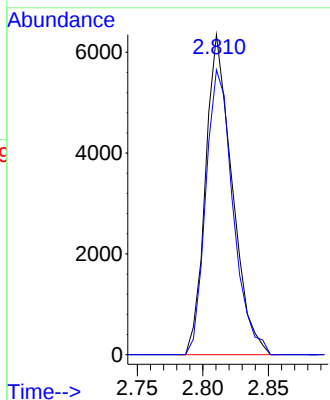
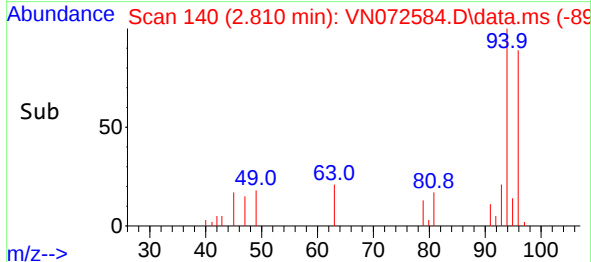
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



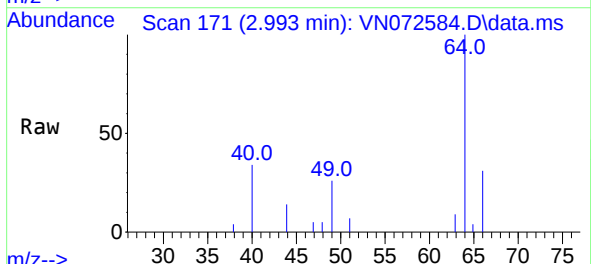
Tgt Ion: 94 Resp: 897
Ion Ratio Lower Upper
94 100
96 89.0 76.0 114.0

Manual Integrations
APPROVED

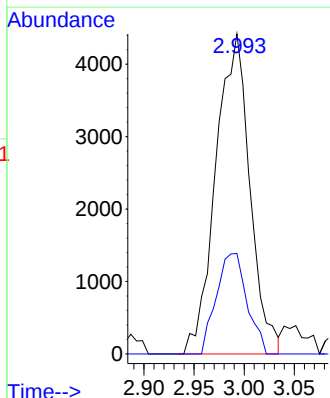
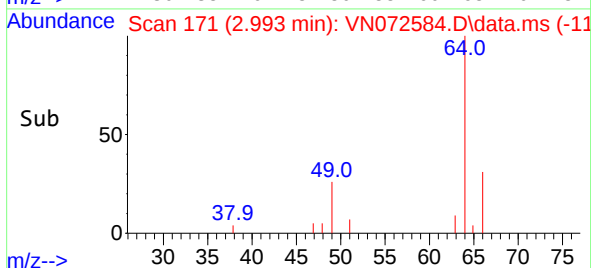
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



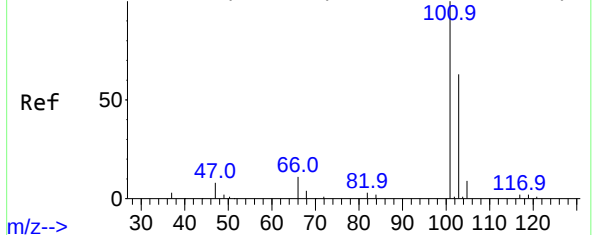
#6
Chloroethane
Concen: 6.424 ug/l
RT: 2.993 min Scan# 171
Delta R.T. 0.006 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27



Tgt Ion: 64 Resp: 10447
Ion Ratio Lower Upper
64 100
66 31.4 26.2 39.4



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



#7

Trichlorofluoromethane

Concen: 8.366 ug/l

RT: 3.351 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN072584.D

Acq: 24 May 2022 13:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion:101 Resp: 2785

Ion Ratio Lower Upper

101 100

103 63.9 51.5 77.3

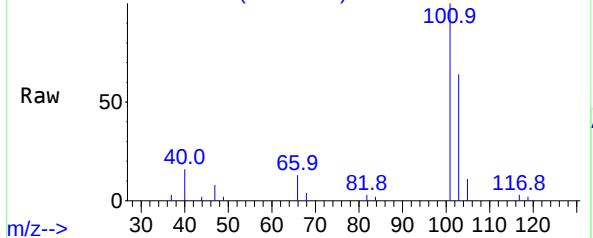
Manual Integrations

APPROVED

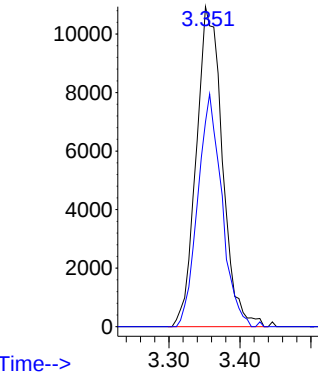
Reviewed By :John Carlone 05/25/2022

Supervised By :Mahesh Dadoda 05/25/2022

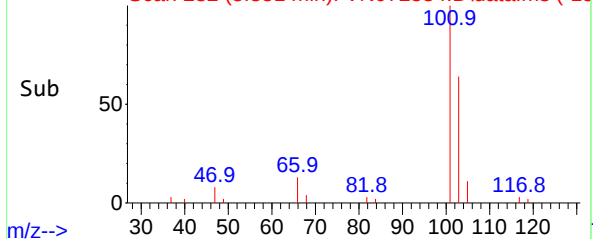
Abundance Scan 232 (3.351 min): VN072584.D\data.ms



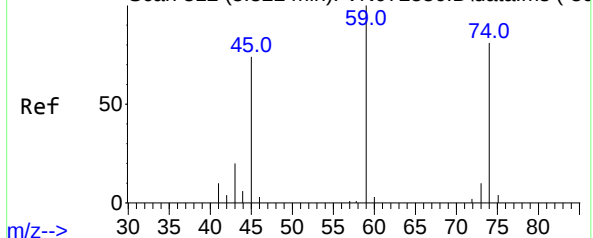
Abundance



Abundance Scan 232 (3.351 min): VN072584.D\data.ms (-18



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



#8

Diethyl Ether

Concen: 10.330 ug/l

RT: 3.822 min Scan# 312

Delta R.T. 0.000 min

Lab File: VN072584.D

Acq: 24 May 2022 13:27

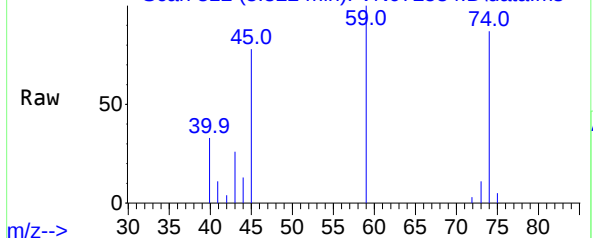
Tgt Ion: 74 Resp: 10627

Ion Ratio Lower Upper

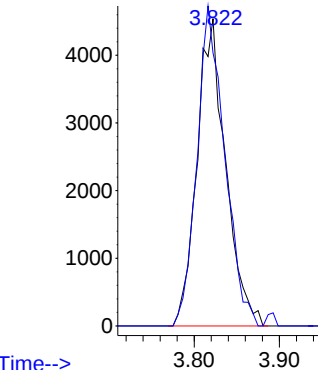
74 100

45 100.6 42.9 128.5

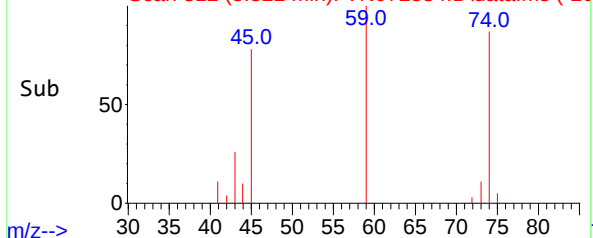
Abundance Scan 312 (3.822 min): VN072584.D\data.ms

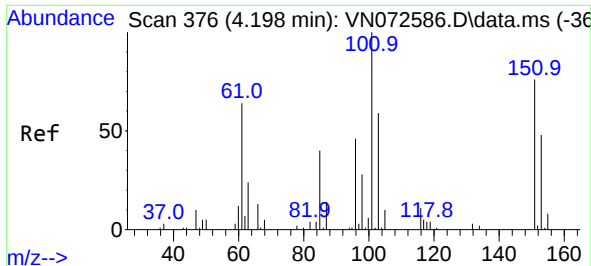


Abundance



Abundance Scan 312 (3.822 min): VN072584.D\data.ms (-26





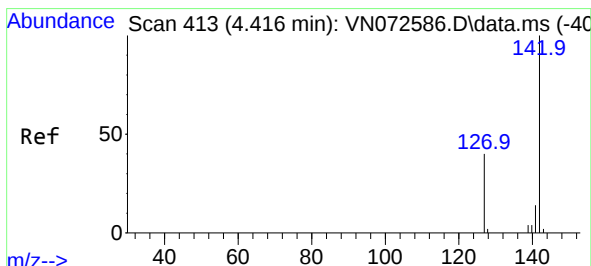
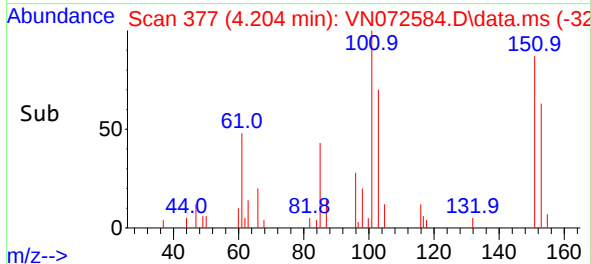
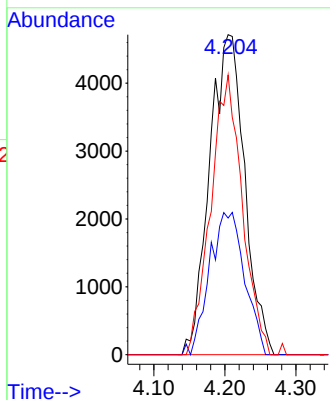
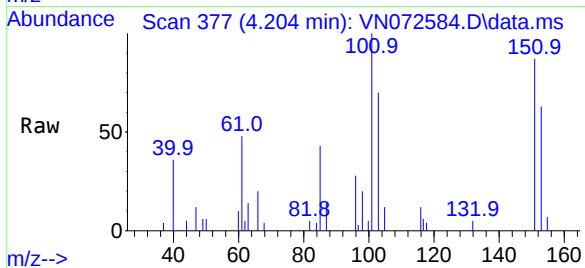
#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.930 ug/l
RT: 4.204 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 1618
Ion Ratio Lower Upper
101 100
85 44.6 34.7 52.1
151 78.4 63.0 94.4

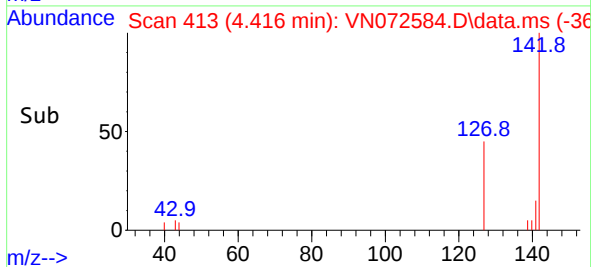
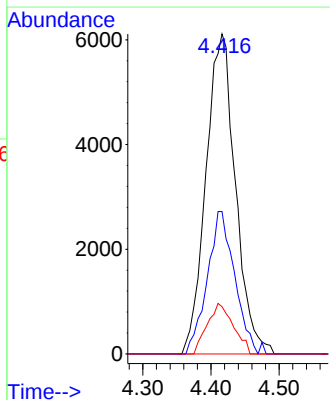
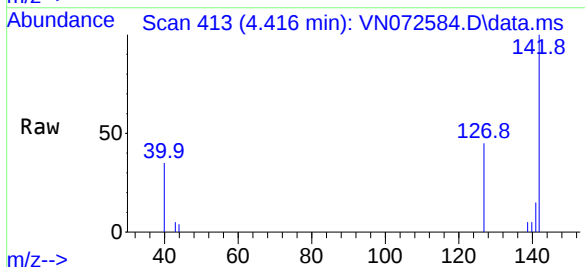
Manual Integrations
APPROVED

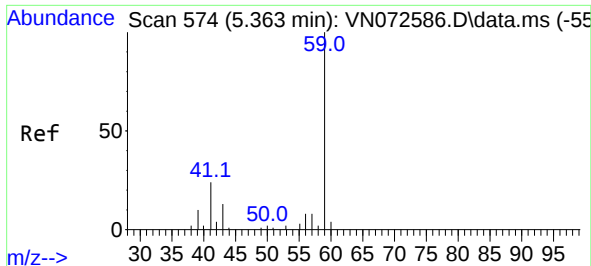
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#10
Methyl Iodide
Concen: 8.887 ug/l
RT: 4.416 min Scan# 413
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

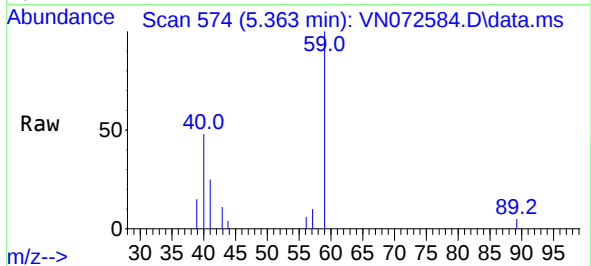
Tgt Ion:142 Resp: 18420
Ion Ratio Lower Upper
142 100
127 41.1 31.3 46.9
141 13.9 11.2 16.8





#11
Tert butyl alcohol
Concen: 65.433 ug/l
RT: 5.363 min Scan# 511
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

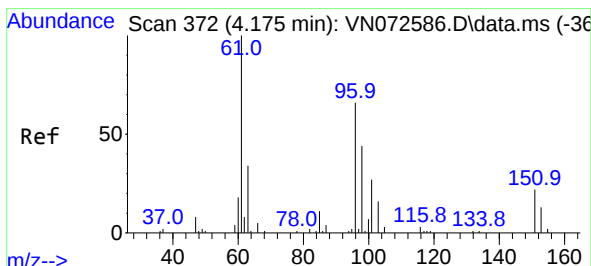
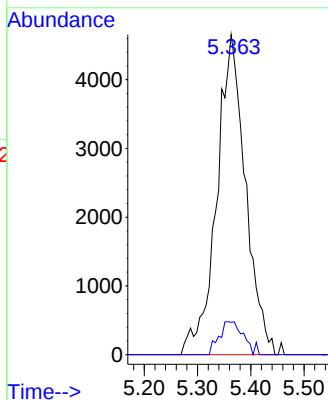
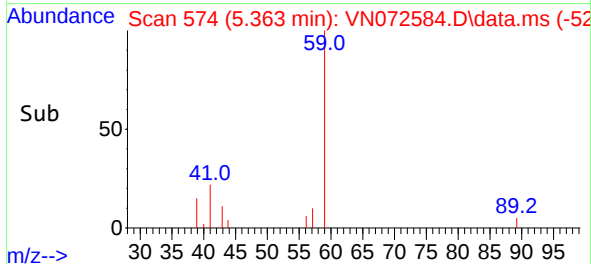
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



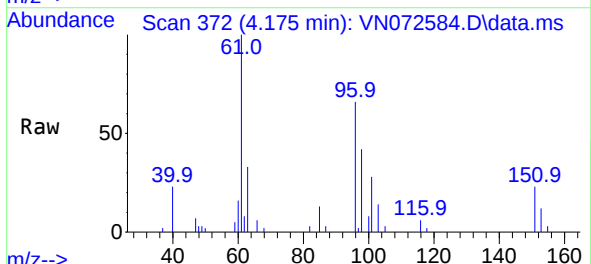
Tgt Ion: 59 Resp: 1747
Ion Ratio Lower Upper
59 100
57 8.4 8.3 12.5

Manual Integrations
APPROVED

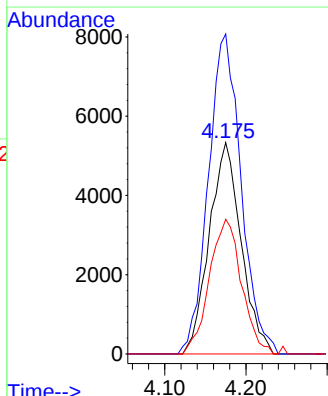
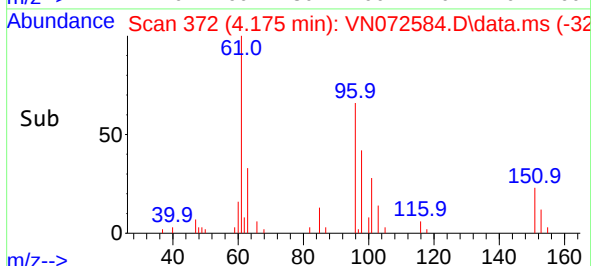
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

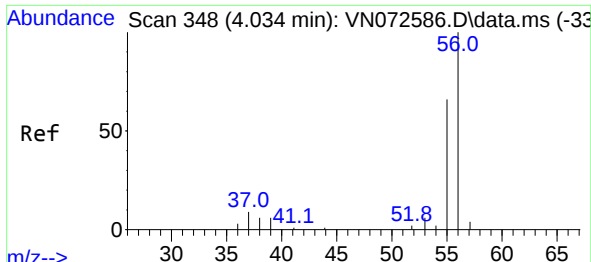


#12
1,1-Dichloroethene
Concen: 10.088 ug/l
RT: 4.175 min Scan# 372
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27



Tgt Ion: 96 Resp: 14544
Ion Ratio Lower Upper
96 100
61 151.4 127.6 191.4
98 63.7 51.2 76.8





#13

Acrolein

Concen: 32.986 ug/l

RT: 4.040 min Scan# 34

Delta R.T. 0.006 min

Lab File: VN072584.D

Acq: 24 May 2022 13:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 56 Resp: 1063

Ion Ratio Lower Upper

56 100

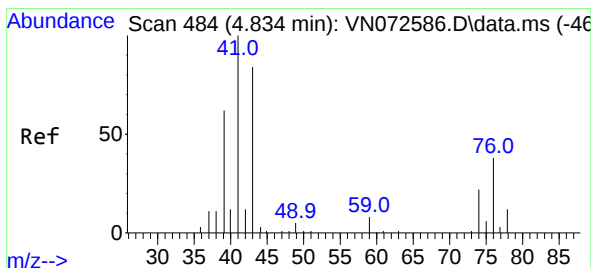
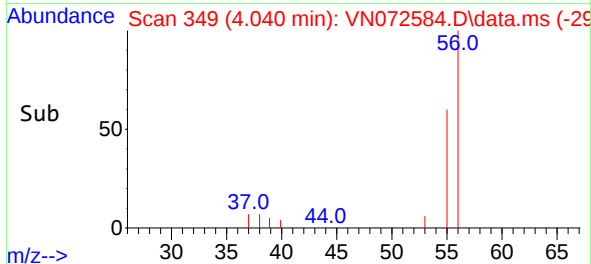
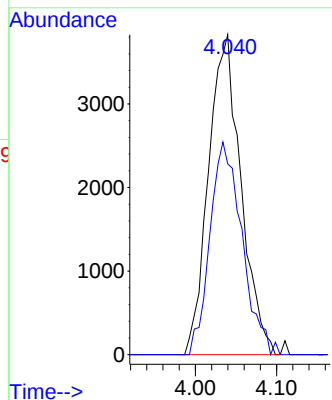
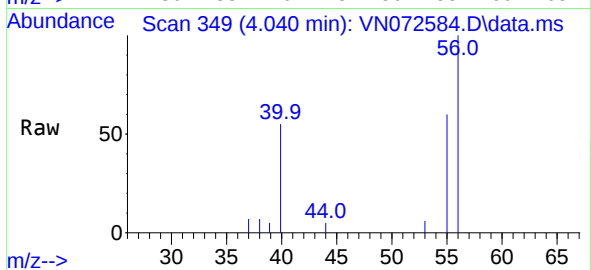
55 65.6 54.8 82.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2022

Supervised By :Mahesh Dadoda 05/25/2022



#14

Allyl chloride

Concen: 11.214 ug/l

RT: 4.828 min Scan# 483

Delta R.T. -0.006 min

Lab File: VN072584.D

Acq: 24 May 2022 13:27

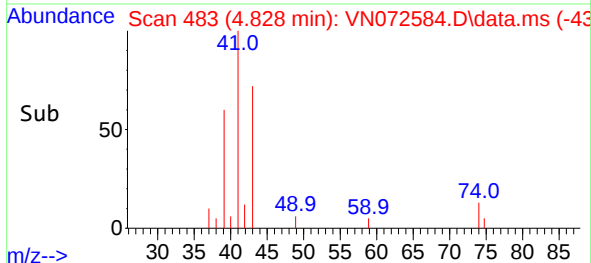
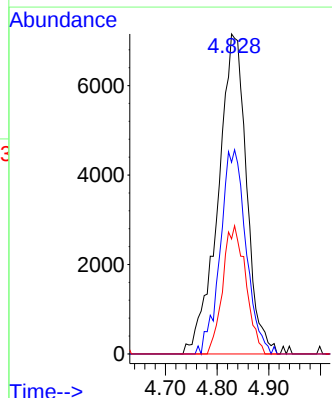
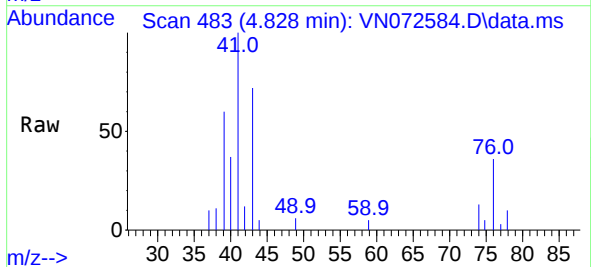
Tgt Ion: 41 Resp: 27405

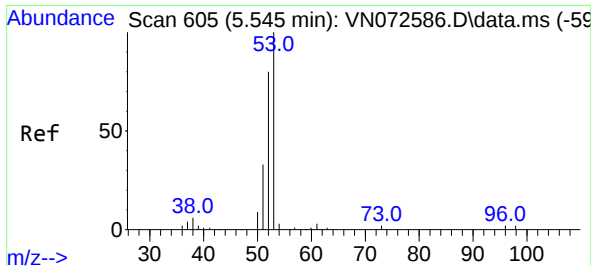
Ion Ratio Lower Upper

41 100

39 57.7 53.2 79.8

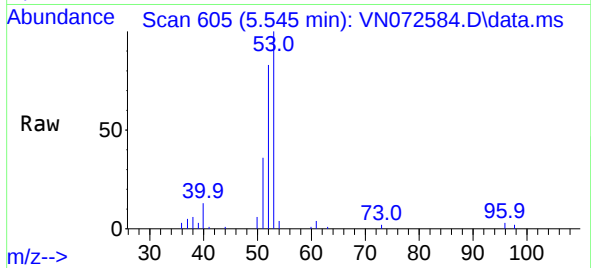
76 32.3 29.9 44.9





#15
Acrylonitrile
Concen: 59.557 ug/l
RT: 5.545 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

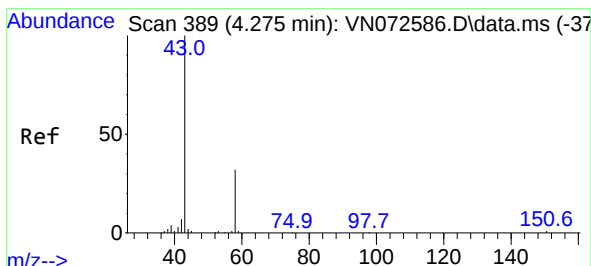
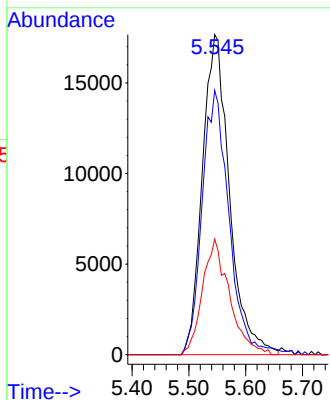
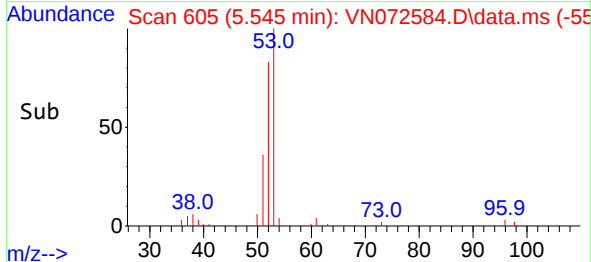
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



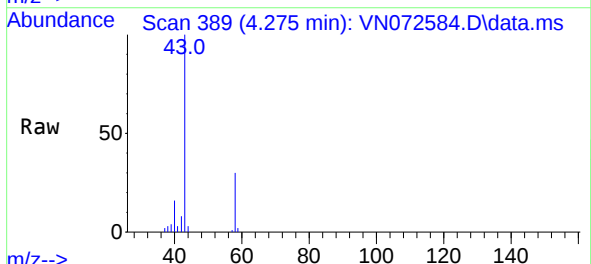
Tgt Ion: 53 Resp: 5862
Ion Ratio Lower Upper
53 100
52 82.2 66.4 99.6
51 36.0 28.5 42.7

Manual Integrations
APPROVED

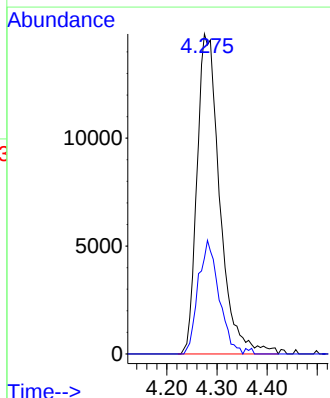
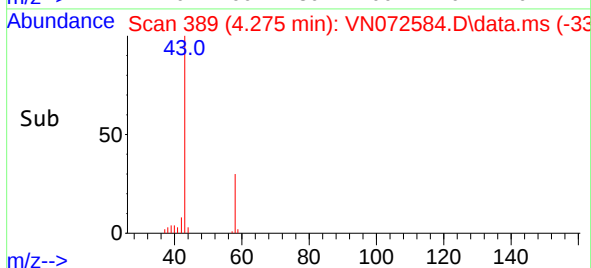
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

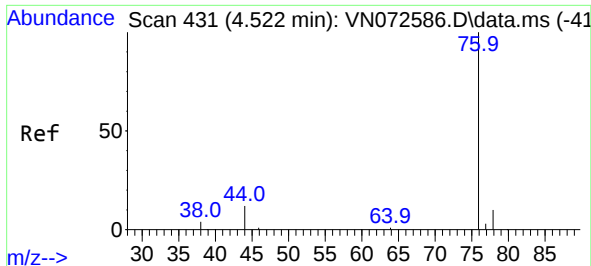


#16
Acetone
Concen: 55.651 ug/l
RT: 4.275 min Scan# 389
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27



Tgt Ion: 43 Resp: 46729
Ion Ratio Lower Upper
43 100
58 30.0 26.0 39.0





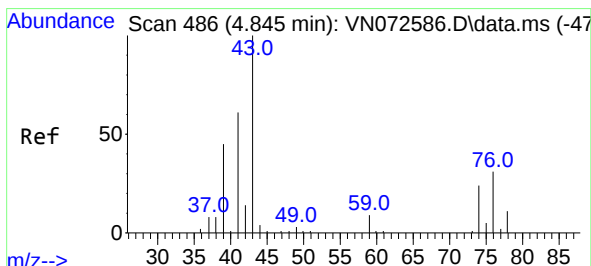
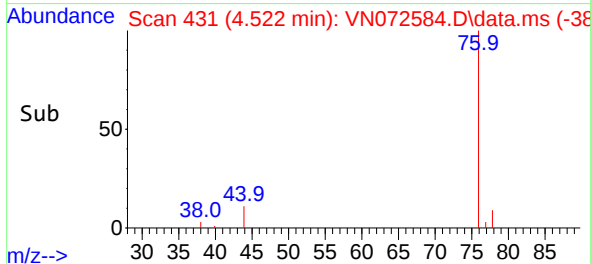
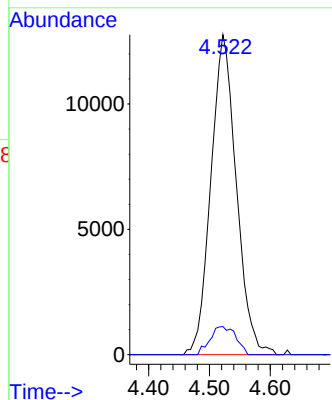
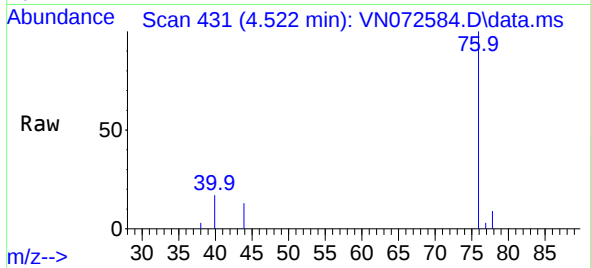
#17
Carbon Disulfide
Concen: 9.995 ug/l
RT: 4.522 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 76 Resp: 3704
Ion Ratio Lower Upper
76 100
78 8.8 7.2 10.8

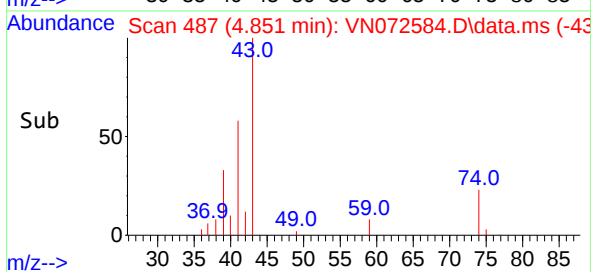
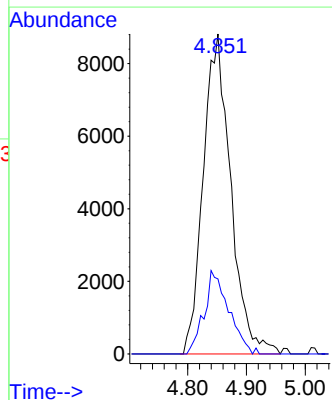
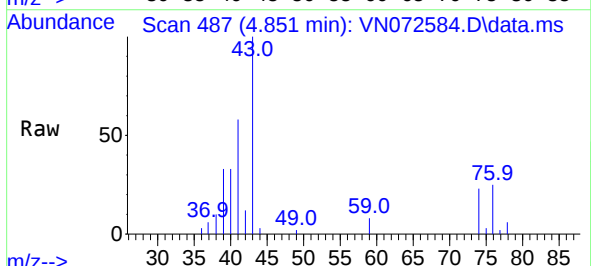
Manual Integrations
APPROVED

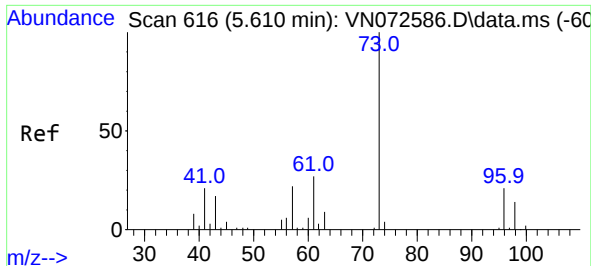
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#18
Methyl Acetate
Concen: 11.237 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.006 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

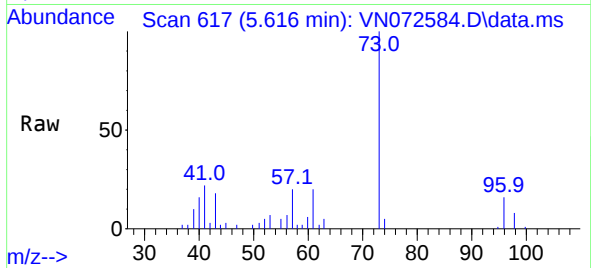
Tgt Ion: 43 Resp: 28593
Ion Ratio Lower Upper
43 100
74 23.3 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 9.279 ug/l
RT: 5.616 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

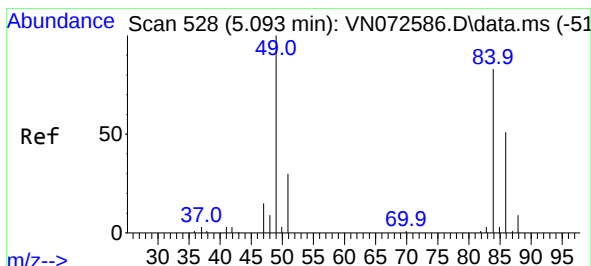
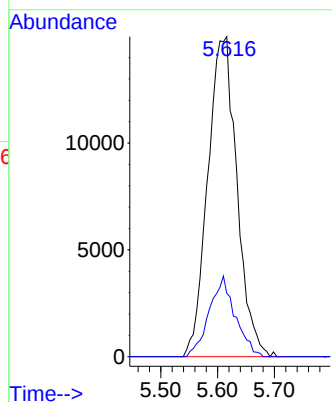
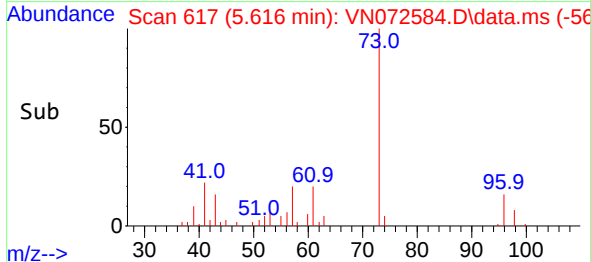
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



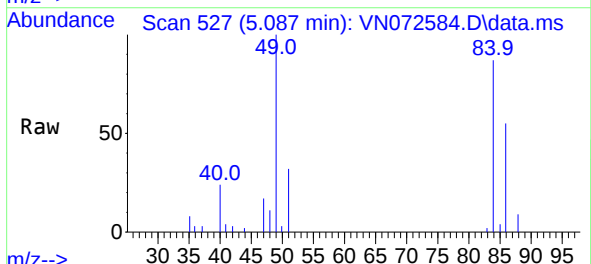
Tgt Ion: 73 Resp: 53389
Ion Ratio Lower Upper
73 100
57 19.9 17.6 26.4

Manual Integrations
APPROVED

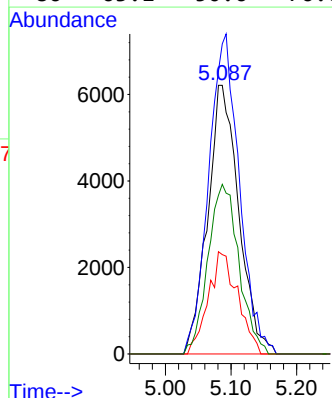
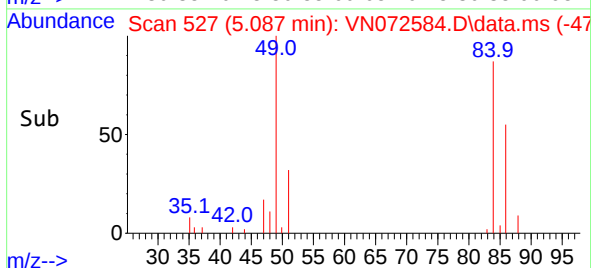
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

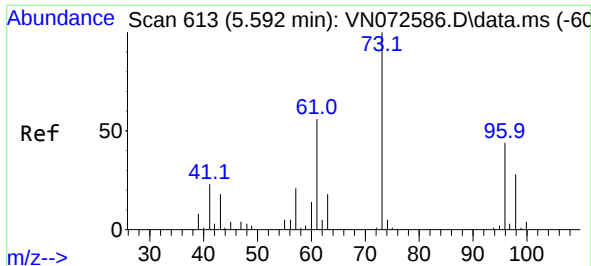


#20
Methylene Chloride
Concen: 10.471 ug/l
RT: 5.087 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27



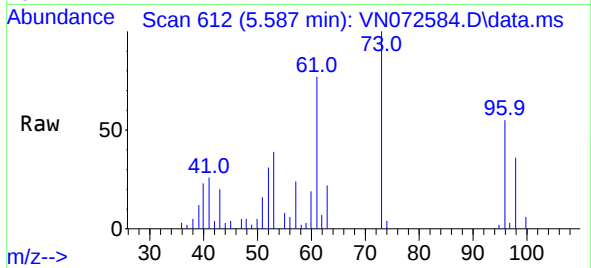
Tgt Ion: 84 Resp: 20459
Ion Ratio Lower Upper
84 100
49 115.4 88.3 132.5
51 37.0 28.2 42.2
86 63.1 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 10.408 ug/l
RT: 5.587 min Scan# 613
Delta R.T. -0.006 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

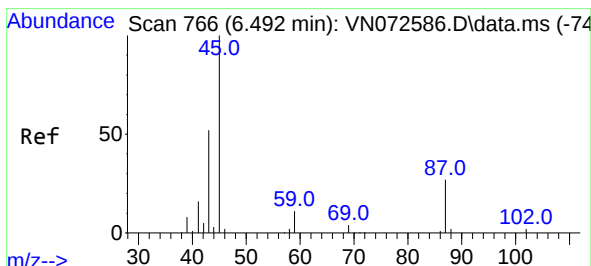
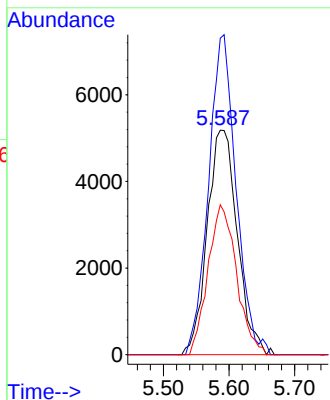
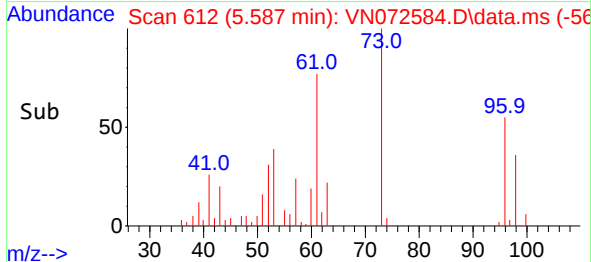
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



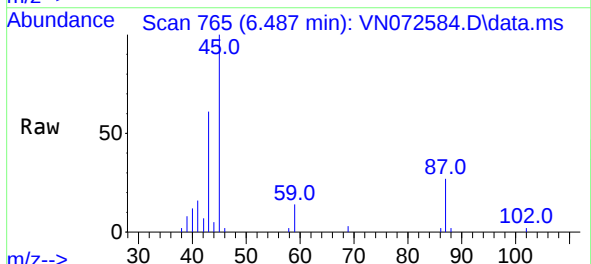
Tgt Ion: 96 Resp: 16530
Ion Ratio Lower Upper
96 100
61 141.0 105.8 158.8
98 66.8 50.3 75.5

Manual Integrations
APPROVED

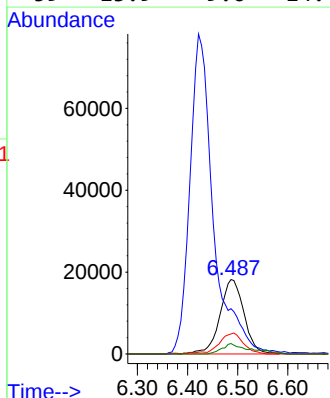
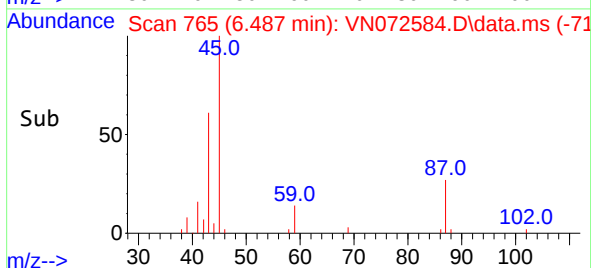
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

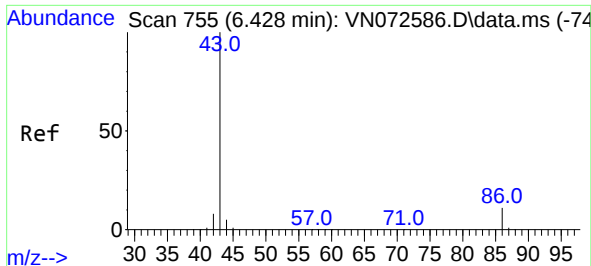


#22
Diisopropyl ether
Concen: 11.219 ug/l
RT: 6.487 min Scan# 765
Delta R.T. -0.006 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27



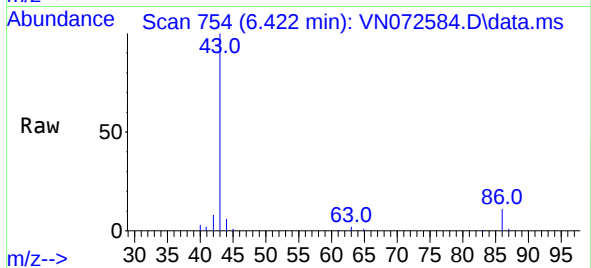
Tgt Ion: 45 Resp: 60540
Ion Ratio Lower Upper
45 100
43 57.8 46.6 70.0
87 27.0 24.3 36.5
59 13.9 9.6 14.4





#23
 Vinyl Acetate
 Concen: 55.006 ug/l
 RT: 6.422 min Scan# 754
 Delta R.T. -0.006 min
 Lab File: VN072584.D
 Acq: 24 May 2022 13:27

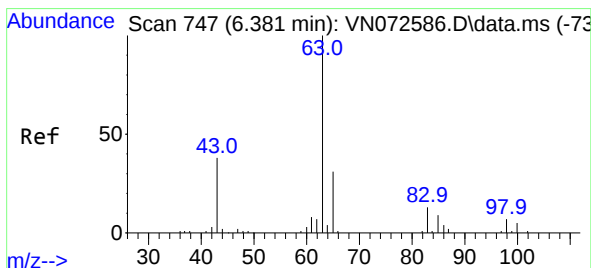
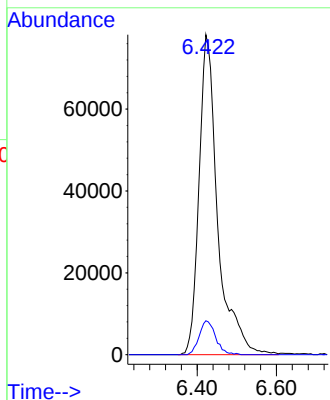
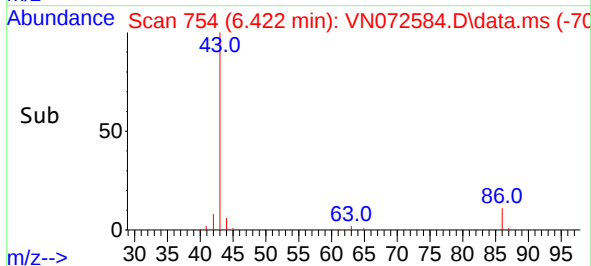
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



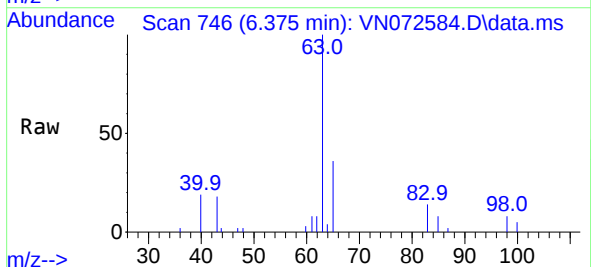
Tgt Ion: 43 Resp: 25572
 Ion Ratio Lower Upper
 43 100
 86 10.6 10.0 15.0

Manual Integrations
 APPROVED

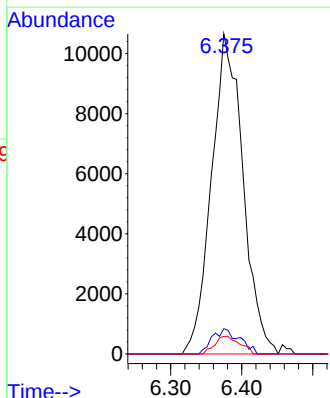
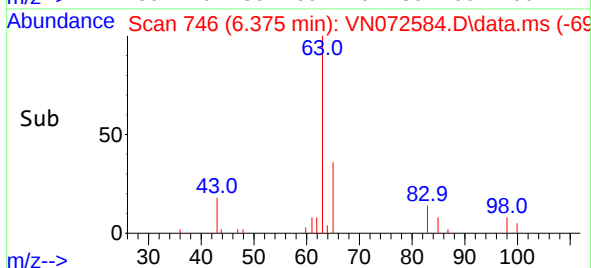
Reviewed By :John Carlone 05/25/2022
 Supervised By :Mahesh Dadoda 05/25/2022

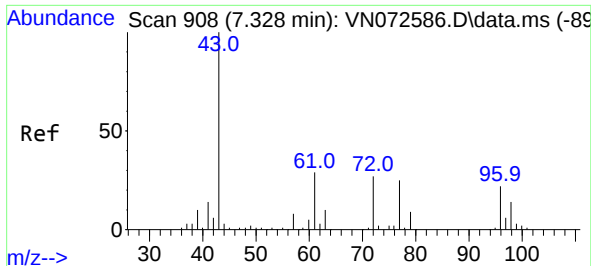


#24
 1,1-Dichloroethane
 Concen: 10.150 ug/l
 RT: 6.375 min Scan# 746
 Delta R.T. -0.006 min
 Lab File: VN072584.D
 Acq: 24 May 2022 13:27



Tgt Ion: 63 Resp: 32744
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.5 10.4
 100 5.5 2.3 6.8





#25

2-Butanone

Concen: 58.161 ug/l

RT: 7.328 min Scan# 908

Delta R.T. 0.000 min

Lab File: VN072584.D

Acq: 24 May 2022 13:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 43 Resp: 77628

Ion Ratio Lower Upper

43 100

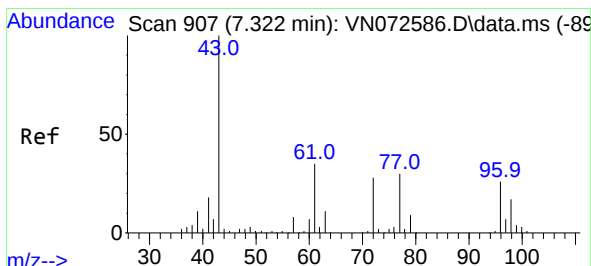
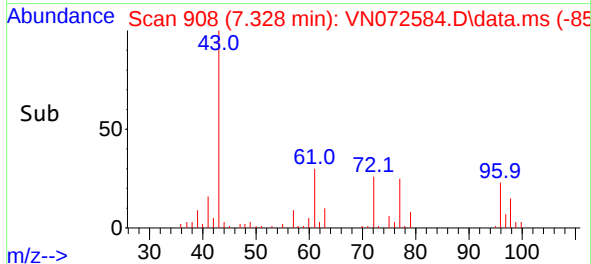
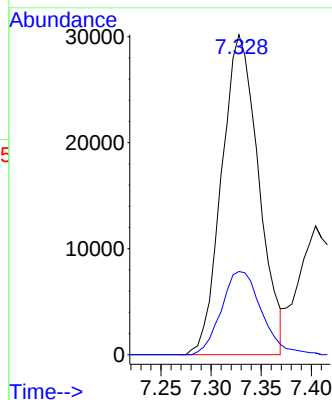
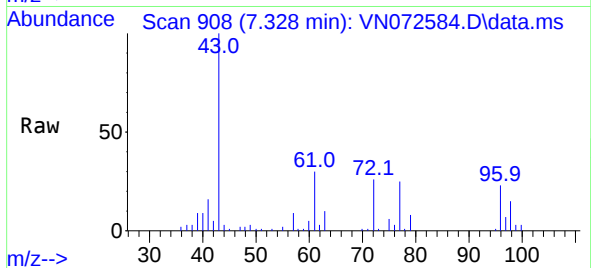
72 26.0 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2022

Supervised By :Mahesh Dadoda 05/25/2022



#26

2,2-Dichloropropane

Concen: 8.359 ug/l

RT: 7.322 min Scan# 907

Delta R.T. 0.000 min

Lab File: VN072584.D

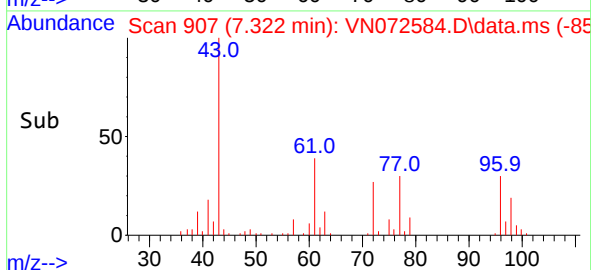
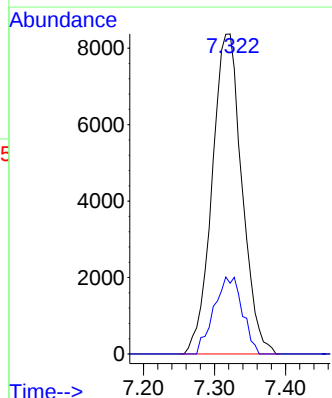
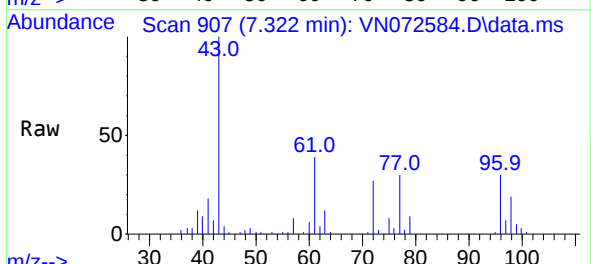
Acq: 24 May 2022 13:27

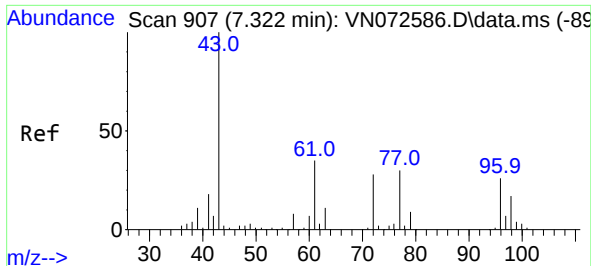
Tgt Ion: 77 Resp: 24379

Ion Ratio Lower Upper

77 100

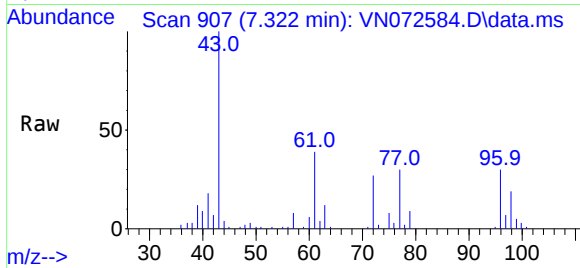
97 22.9 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 10.379 ug/l
 RT: 7.322 min Scan# 907
 Delta R.T. 0.000 min
 Lab File: VN072584.D
 Acq: 24 May 2022 13:27

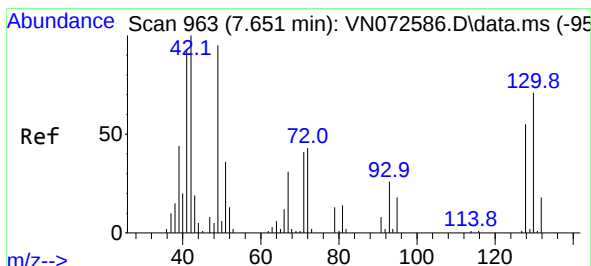
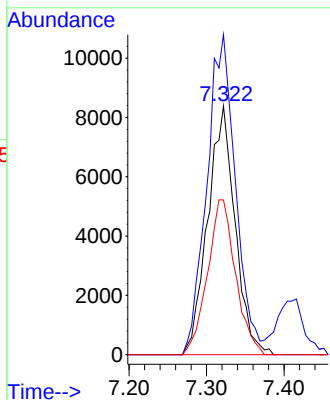
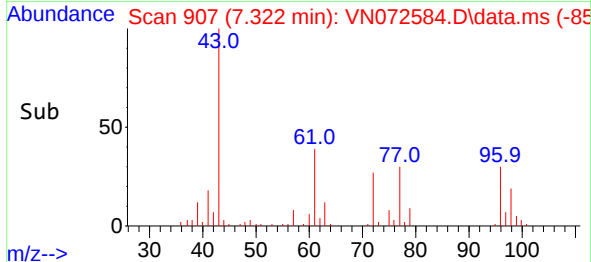
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



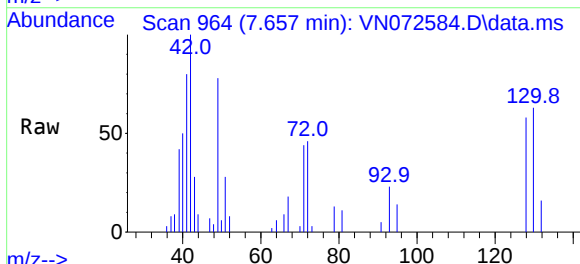
Tgt Ion: 96 Resp: 20572
 Ion Ratio Lower Upper
 96 100
 61 135.6 0.0 280.6
 98 63.8 0.0 128.4

Manual Integrations
 APPROVED

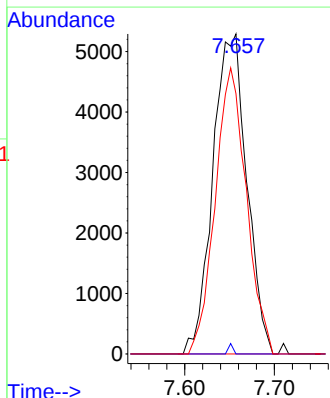
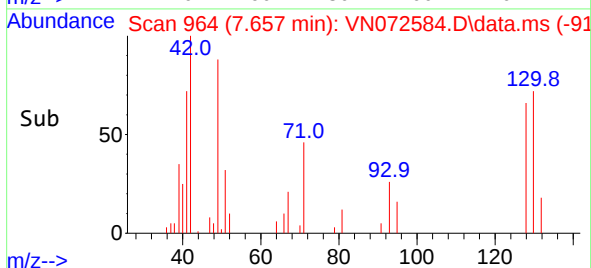
Reviewed By :John Carlone 05/25/2022
 Supervised By :Mahesh Dadoda 05/25/2022

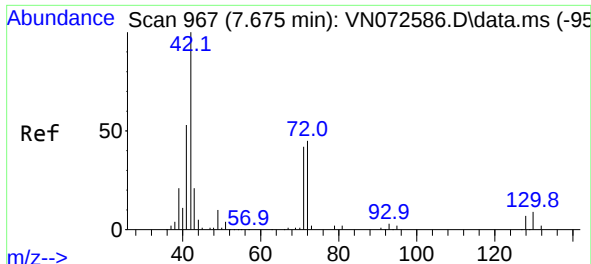


#28
 Bromochloromethane
 Concen: 10.631 ug/l
 RT: 7.657 min Scan# 964
 Delta R.T. 0.006 min
 Lab File: VN072584.D
 Acq: 24 May 2022 13:27



Tgt Ion: 49 Resp: 13886
 Ion Ratio Lower Upper
 49 100
 129 0.4 0.0 4.6
 130 82.2 69.7 104.5





#29

Tetrahydrofuran

Concen: 63.782 ug/l

RT: 7.681 min Scan# 90

Delta R.T. 0.006 min

Lab File: VN072584.D

Acq: 24 May 2022 13:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 42 Resp: 5149

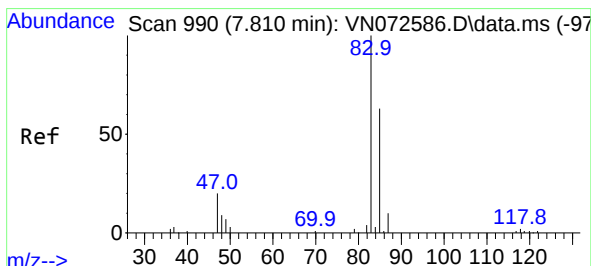
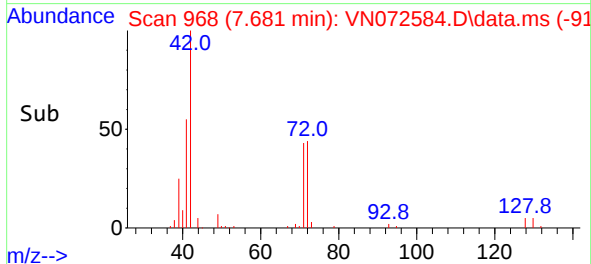
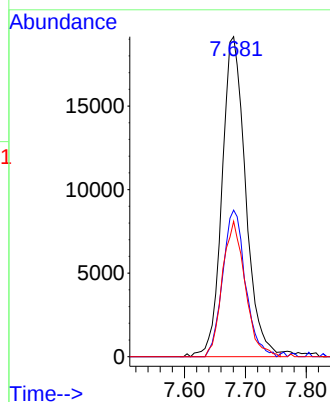
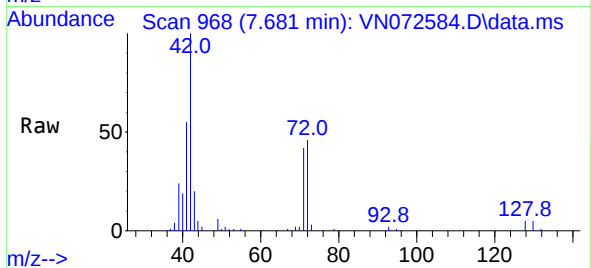
Ion	Ratio	Lower	Upper
42	100		
72	44.2	39.7	59.5
71	40.9	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2022

Supervised By :Mahesh Dadoda 05/25/2022



#30

Chloroform

Concen: 9.223 ug/l

RT: 7.810 min Scan# 990

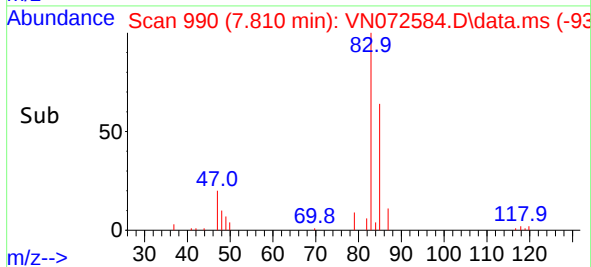
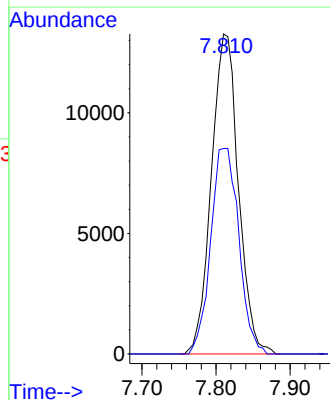
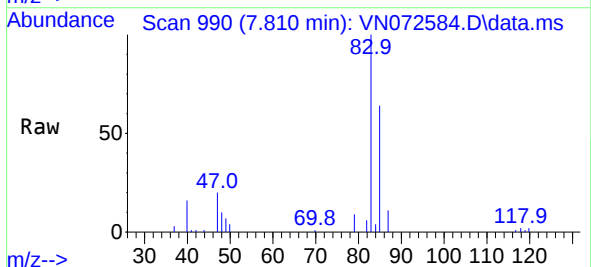
Delta R.T. 0.000 min

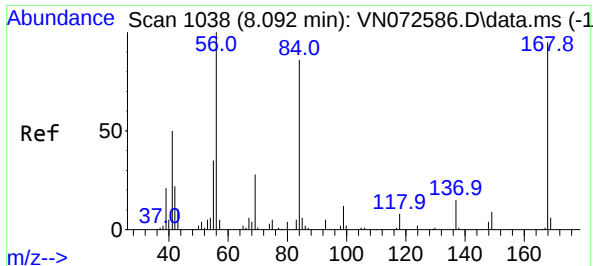
Lab File: VN072584.D

Acq: 24 May 2022 13:27

Tgt Ion: 83 Resp: 33663

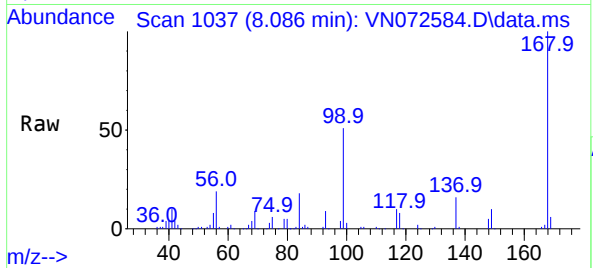
Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.8	77.8





#31
Cyclohexane
Concen: 10.342 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

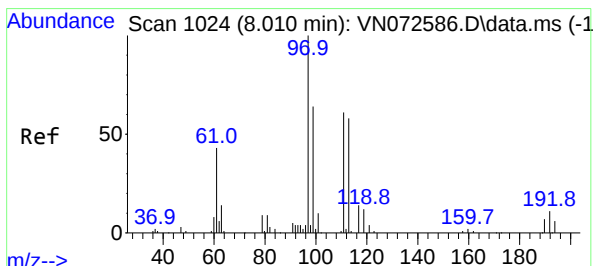
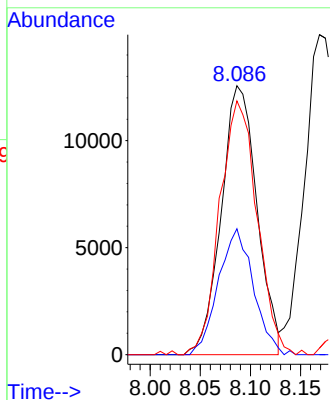
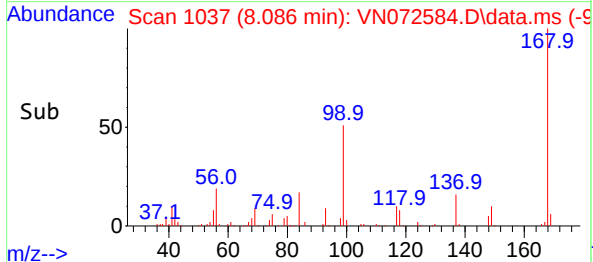
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



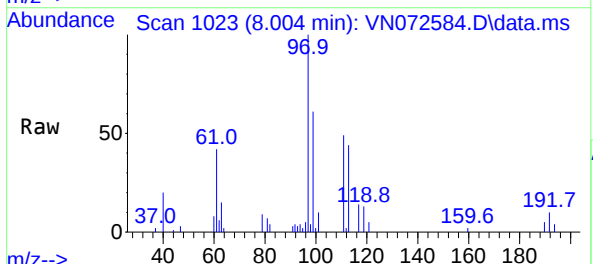
Tgt Ion: 56 Resp: 31224
Ion Ratio Lower Upper
56 100
69 46.8 27.8 41.8
84 94.4 76.9 115.3

Manual Integrations
APPROVED

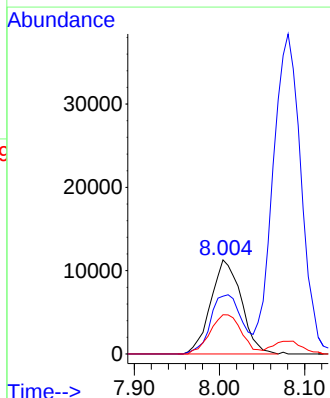
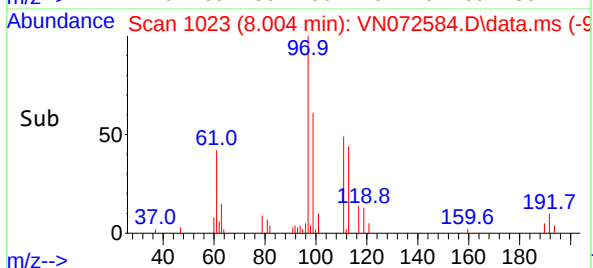
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

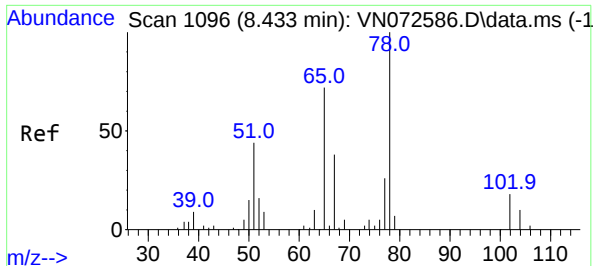


#32
1,1,1-Trichloroethane
Concen: 8.478 ug/l
RT: 8.004 min Scan# 1023
Delta R.T. -0.006 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27



Tgt Ion: 97 Resp: 28063
Ion Ratio Lower Upper
97 100
99 65.5 50.6 76.0
61 43.4 36.0 54.0





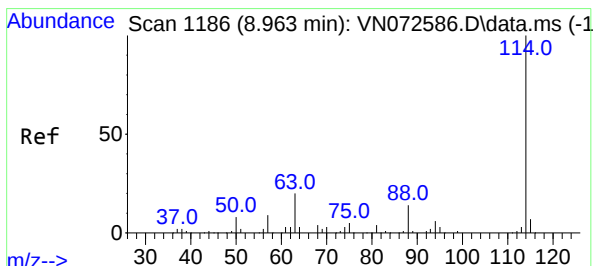
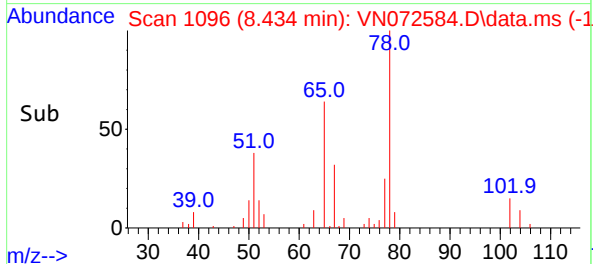
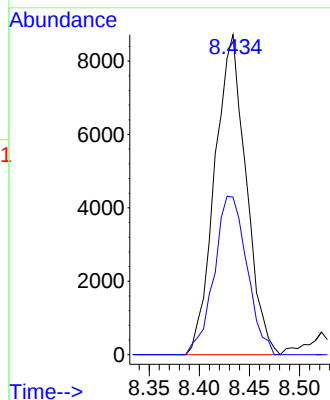
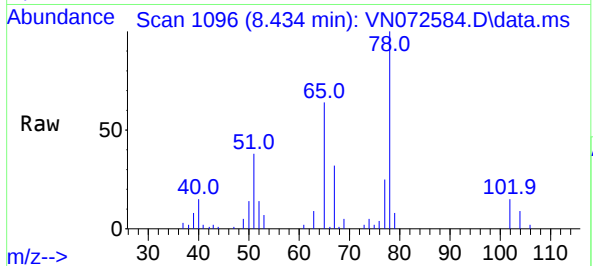
#33
1,2-Dichloroethane-d4
Concen: 7.431 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 65 Resp: 1888
Ion Ratio Lower Upper
65 100
67 51.9 0.0 104.8

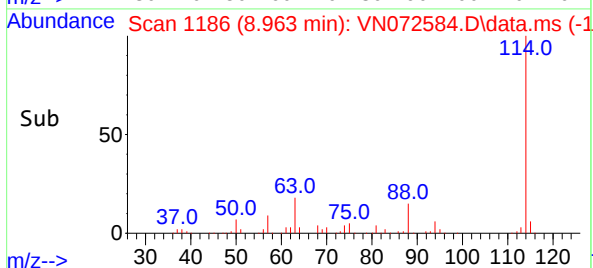
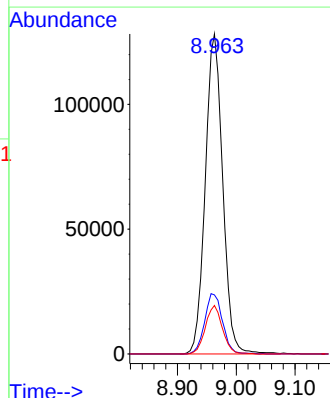
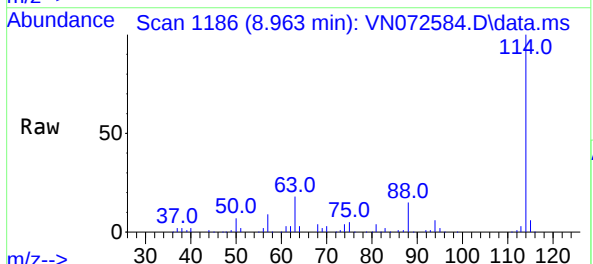
Manual Integrations
APPROVED

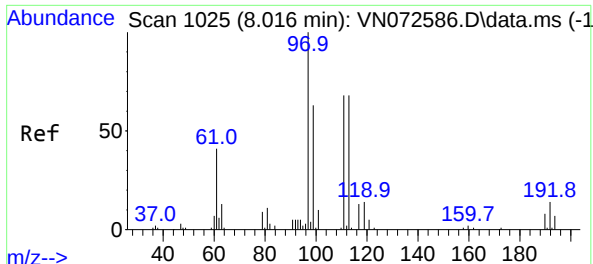
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

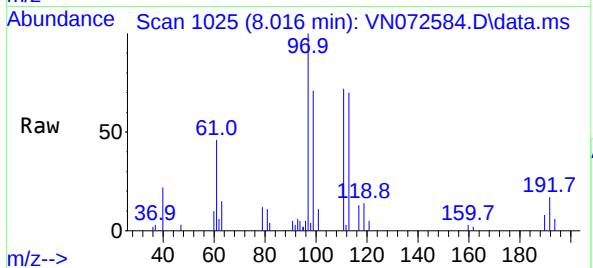
Tgt Ion:114 Resp: 264912
Ion Ratio Lower Upper
114 100
63 18.5 0.0 40.0
88 15.2 0.0 32.6





#35
Dibromofluoromethane
Concen: 8.940 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

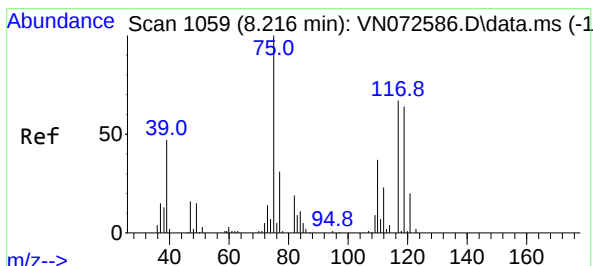
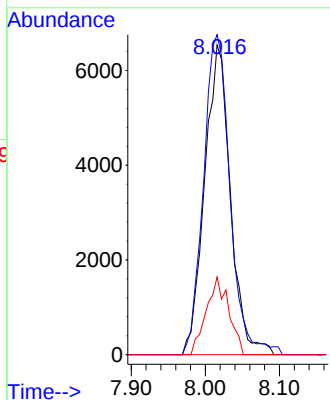
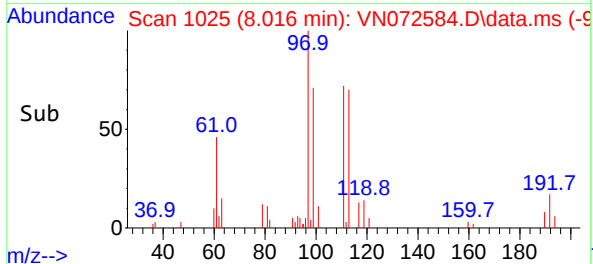
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



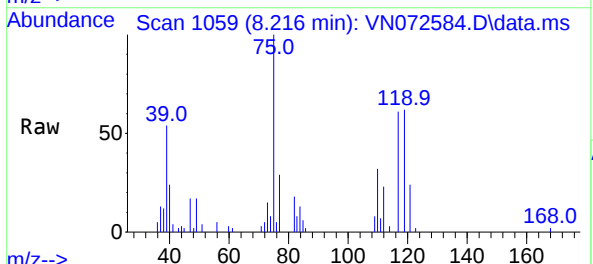
Tgt Ion: 113 Resp: 1583
Ion Ratio Lower Upper
113 100
111 106.5 81.4 122.0
192 21.8 17.0 25.6

Manual Integrations
APPROVED

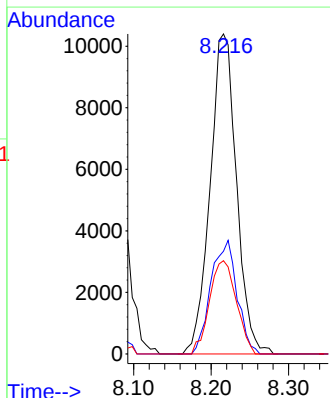
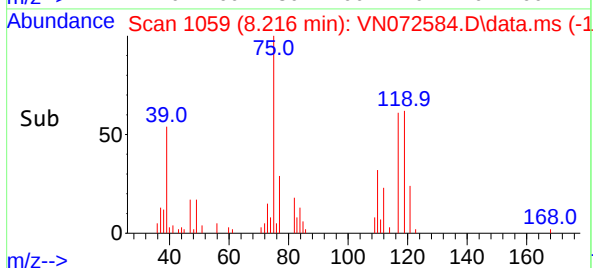
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

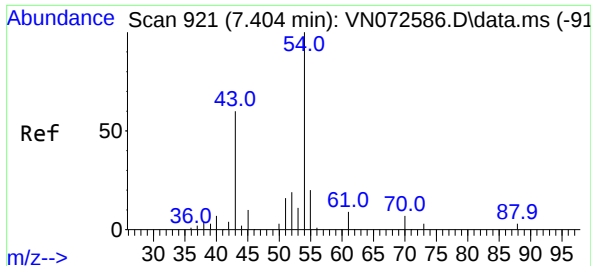


#36
1,1-Dichloropropene
Concen: 10.015 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27



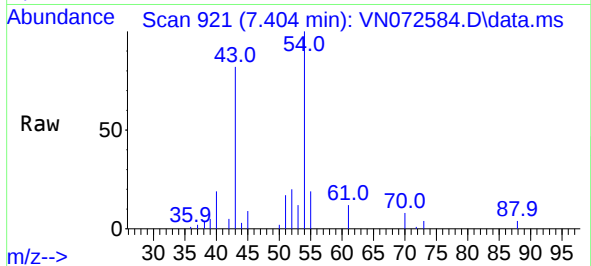
Tgt Ion: 75 Resp: 24603
Ion Ratio Lower Upper
75 100
110 35.1 18.3 54.8
77 29.7 25.1 37.7





#37
Ethyl Acetate
Concen: 11.639 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

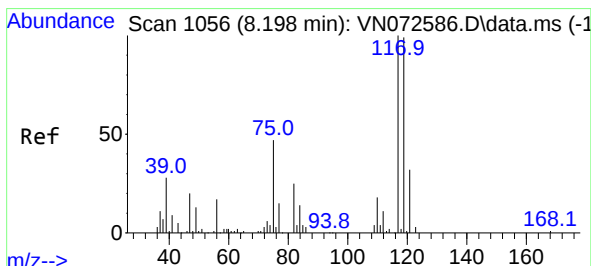
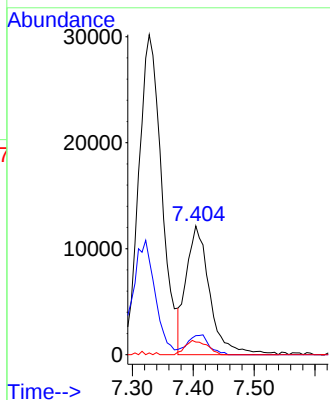
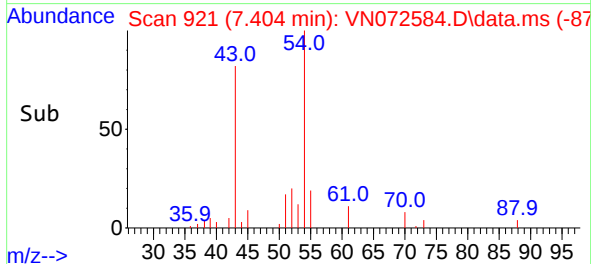
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



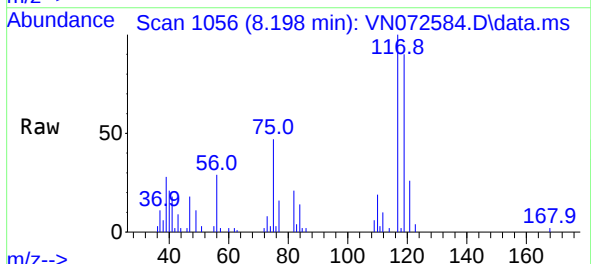
Tgt Ion: 43 Resp: 3262
Ion Ratio Lower Upper
43 100
61 14.0 11.8 17.6
70 10.1 9.3 13.9

Manual Integrations
APPROVED

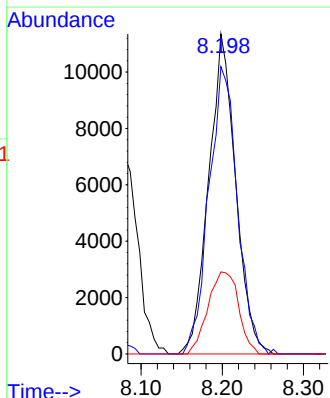
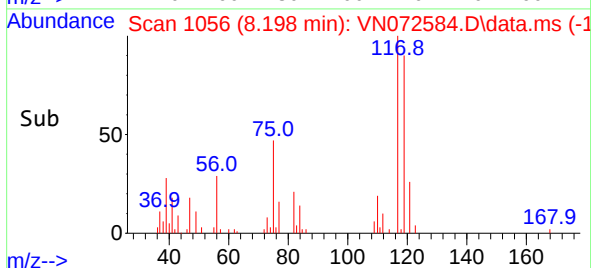
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

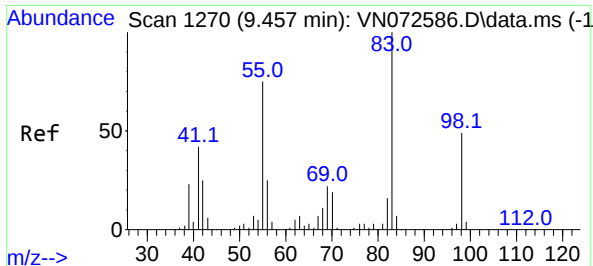


#38
Carbon Tetrachloride
Concen: 8.762 ug/l
RT: 8.198 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27



Tgt Ion:117 Resp: 26242
Ion Ratio Lower Upper
117 100
119 89.7 75.8 113.8
121 25.7 24.6 37.0





#39

Methylcyclohexane

Concen: 9.904 ug/l

RT: 9.451 min Scan# 1099

Delta R.T. -0.006 min

Lab File: VN072584.D

Acq: 24 May 2022 13:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 83 Resp: 29000

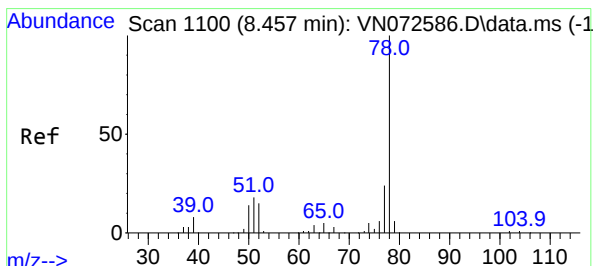
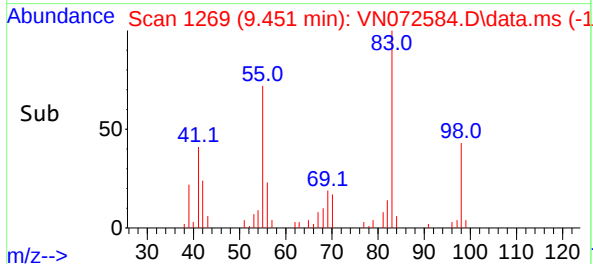
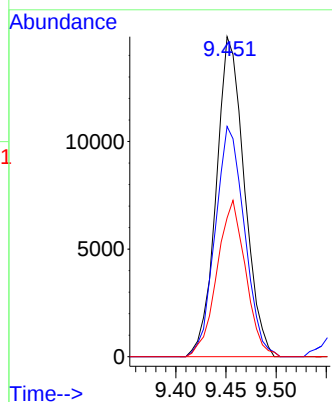
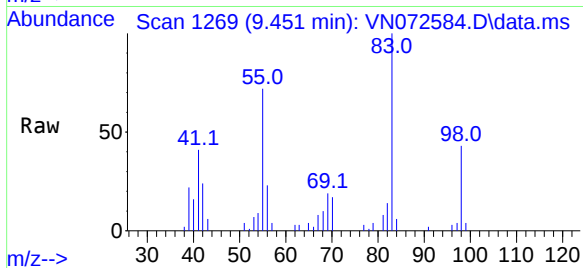
Ion	Ratio	Lower	Upper
83	100		
55	72.0	57.8	86.8
98	43.4	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2022

Supervised By :Mahesh Dadoda 05/25/2022



#40

Benzene

Concen: 10.708 ug/l

RT: 8.451 min Scan# 1099

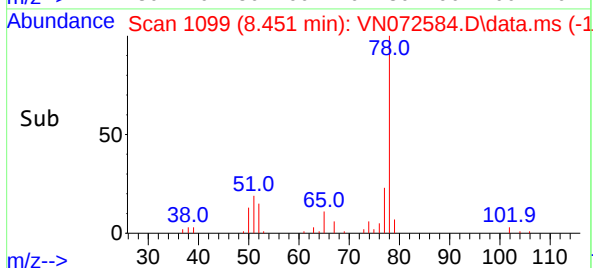
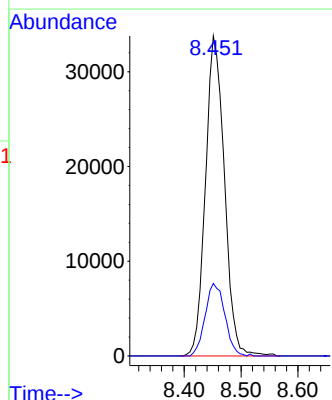
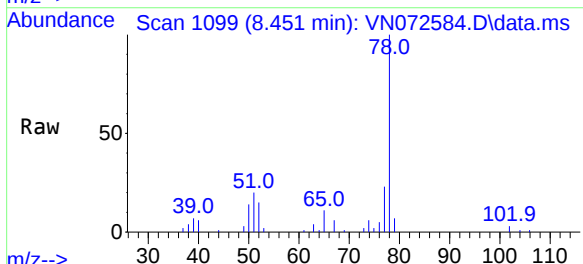
Delta R.T. -0.006 min

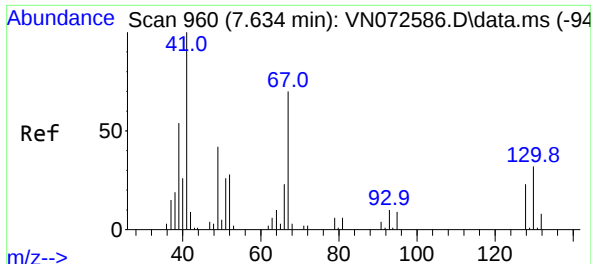
Lab File: VN072584.D

Acq: 24 May 2022 13:27

Tgt Ion: 78 Resp: 78185

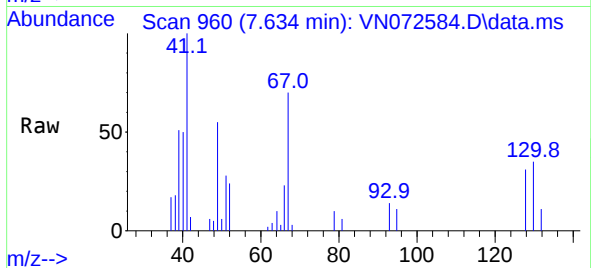
Ion	Ratio	Lower	Upper
78	100		
77	22.6	19.4	29.0





#41
Methacrylonitrile
Concen: 12.194 ug/l
RT: 7.634 min Scan# 960
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

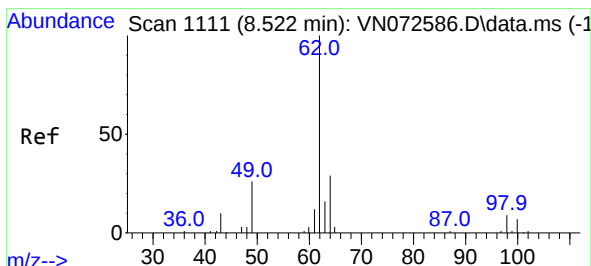
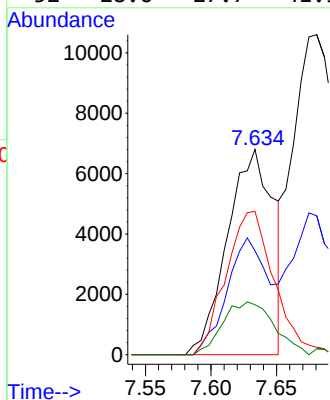
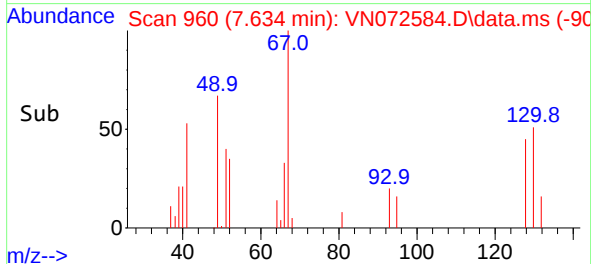
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



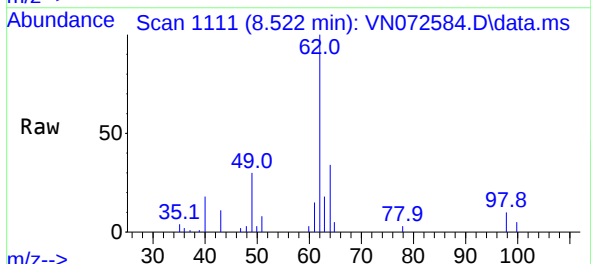
Tgt Ion: 41 Resp: 16590
Ion Ratio Lower Upper
41 100
39 47.8 48.6 73.0
67 73.1 73.4 110.2
52 28.6 27.7 41.5

Manual Integrations
APPROVED

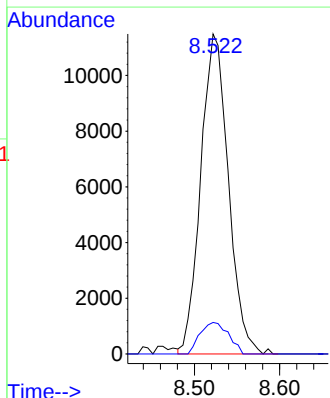
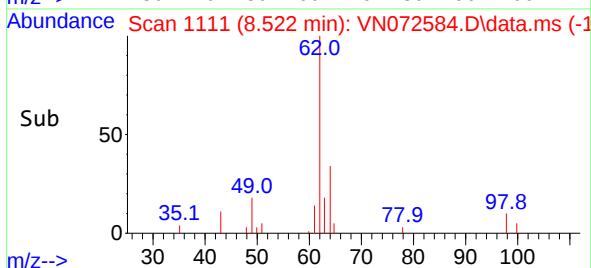
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

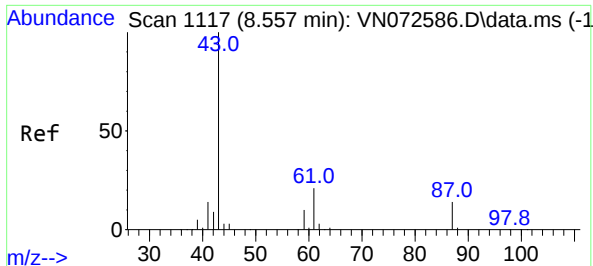


#42
1,2-Dichloroethane
Concen: 7.961 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27



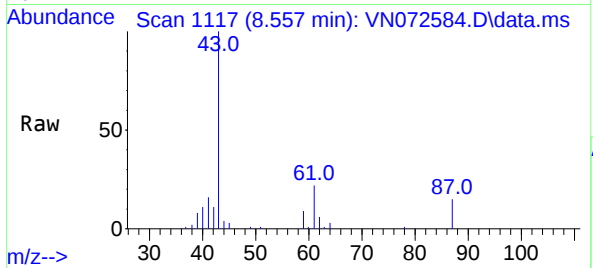
Tgt Ion: 62 Resp: 25910
Ion Ratio Lower Upper
62 100
98 10.1 0.0 19.4





#43
Isopropyl Acetate
Concen: 10.179 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

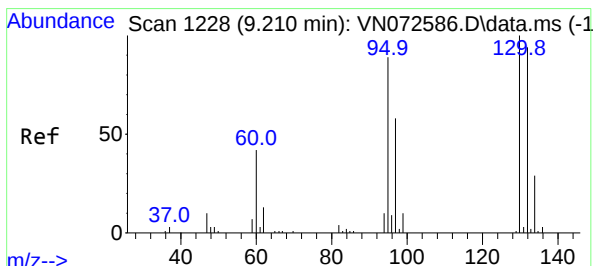
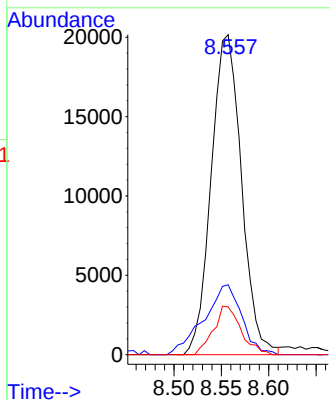
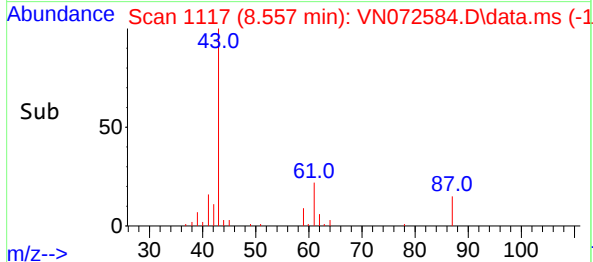
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 4489
Ion Ratio Lower Upper
43 100
61 27.2 21.9 32.9
87 13.7 12.0 18.0

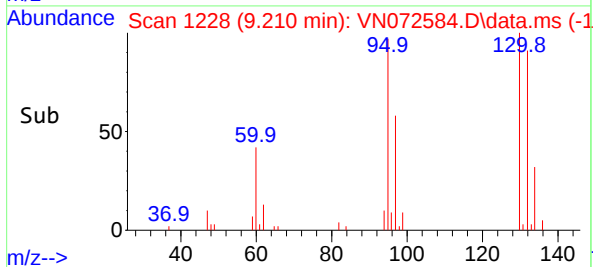
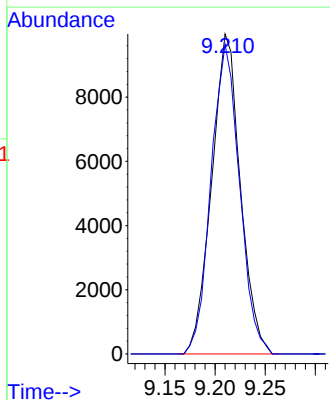
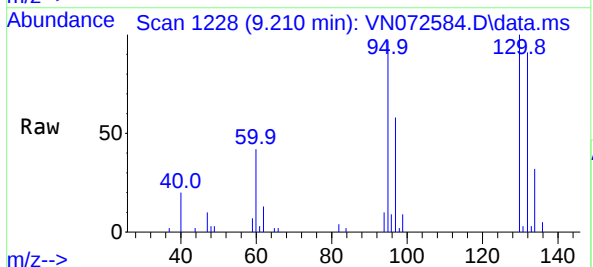
Manual Integrations
APPROVED

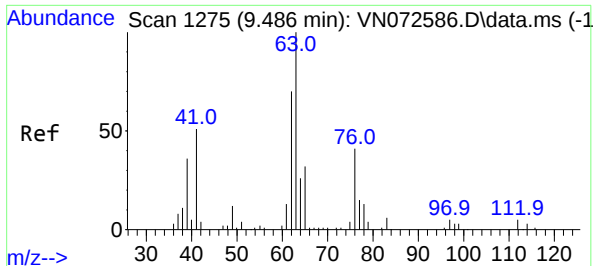
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#44
Trichloroethene
Concen: 9.941 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

Tgt Ion:130 Resp: 19771
Ion Ratio Lower Upper
130 100
95 96.8 0.0 186.8





#45

1,2-Dichloropropane

Concen: 11.094 ug/l

RT: 9.480 min Scan# 1275

Delta R.T. -0.006 min

Lab File: VN072584.D

Acq: 24 May 2022 13:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 63 Resp: 2022

Ion Ratio Lower Upper

63 100

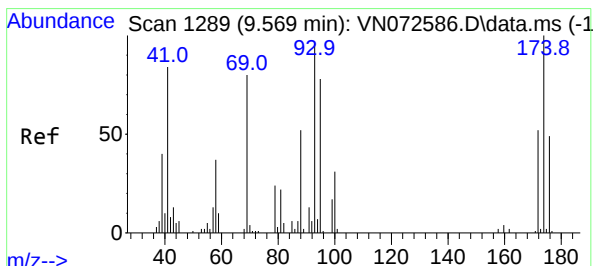
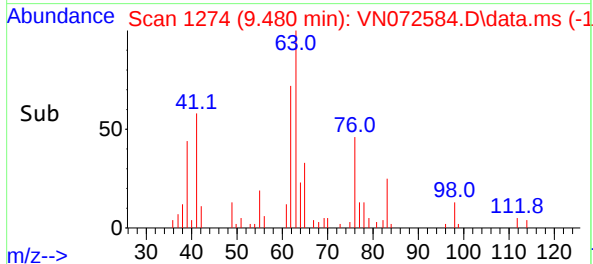
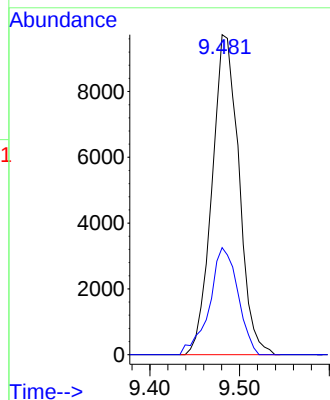
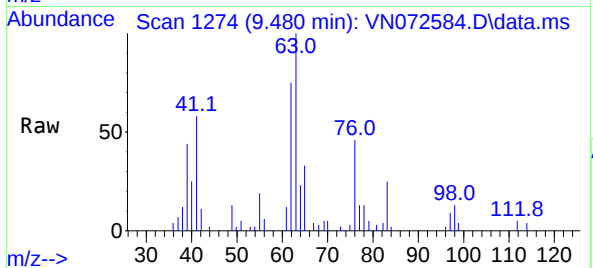
65 33.4 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2022

Supervised By :Mahesh Dadoda 05/25/2022



#46

Dibromomethane

Concen: 9.824 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. 0.000 min

Lab File: VN072584.D

Acq: 24 May 2022 13:27

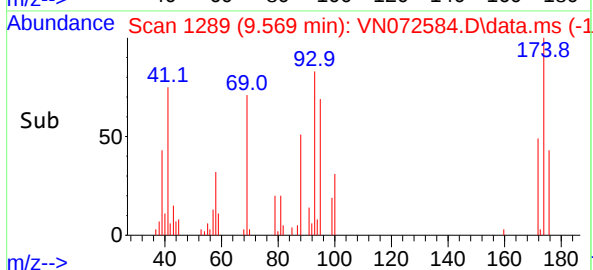
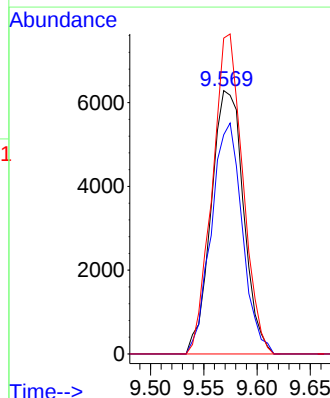
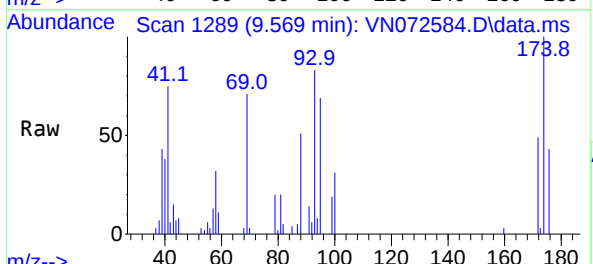
Tgt Ion: 93 Resp: 13265

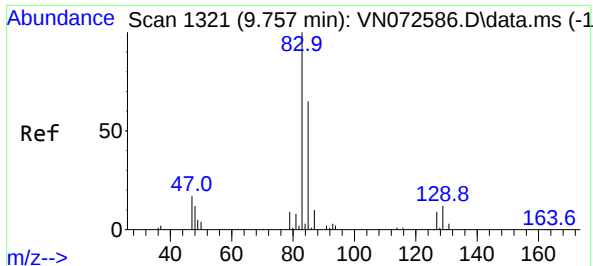
Ion Ratio Lower Upper

93 100

95 84.1 66.9 100.3

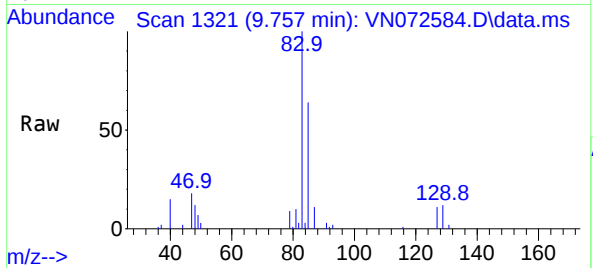
174 114.2 86.6 130.0





#47
Bromodichloromethane
Concen: 9.522 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

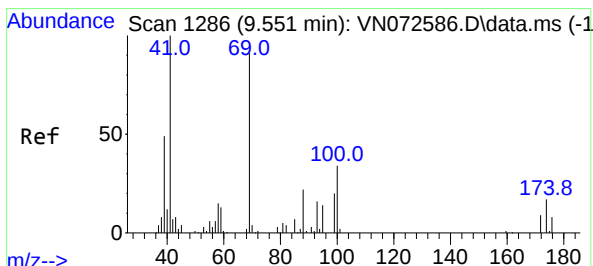
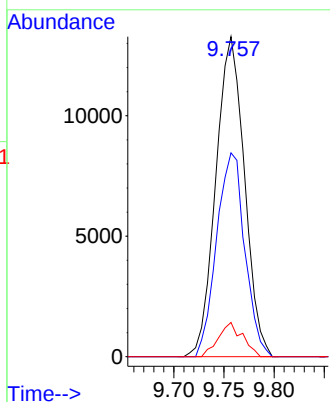
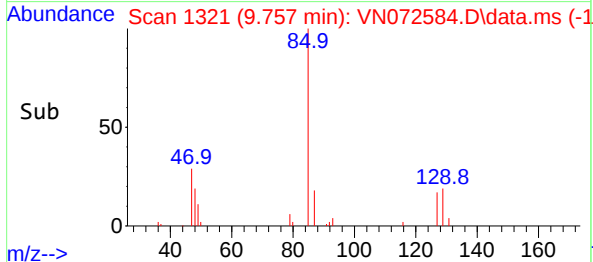
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



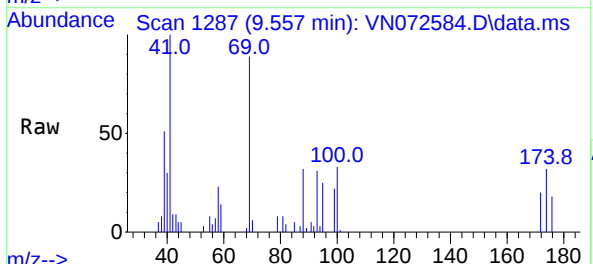
Tgt Ion: 83 Resp: 26370
Ion Ratio Lower Upper
83 100
85 63.7 50.5 75.7
127 10.7 6.8 10.2

Manual Integrations
APPROVED

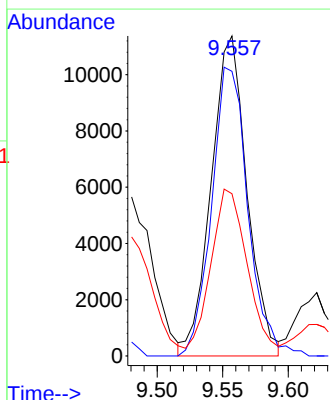
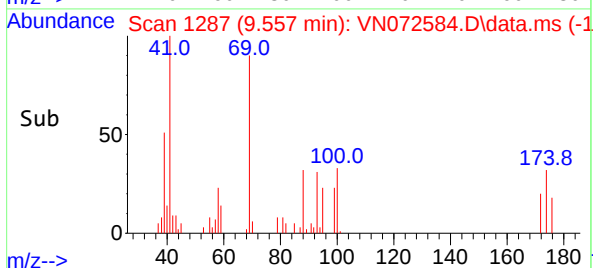
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

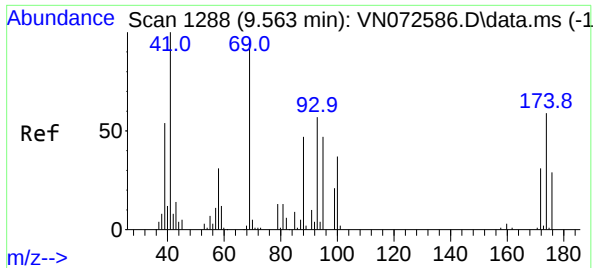


#48
Methyl methacrylate
Concen: 10.269 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27



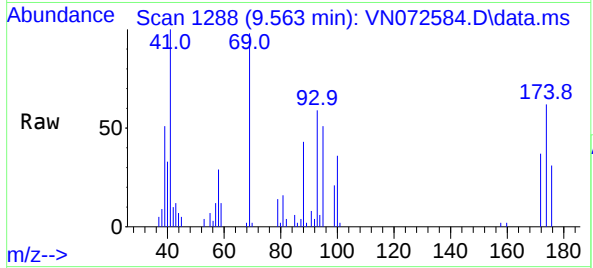
Tgt Ion: 41 Resp: 21614
Ion Ratio Lower Upper
41 100
69 91.6 74.7 112.1
39 53.4 45.6 68.4





#49
1,4-Dioxane
Concen: 379.426 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

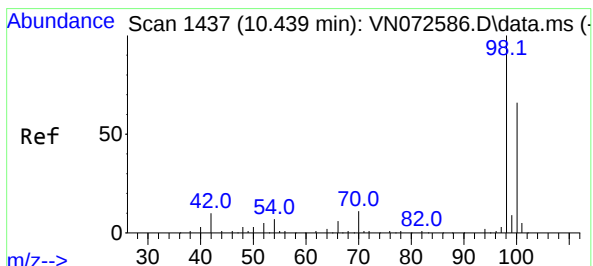
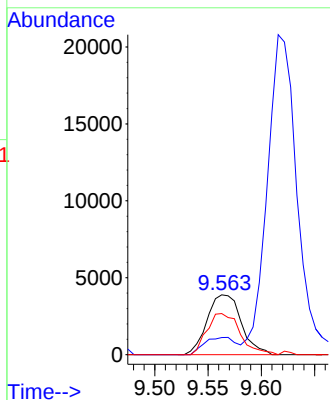
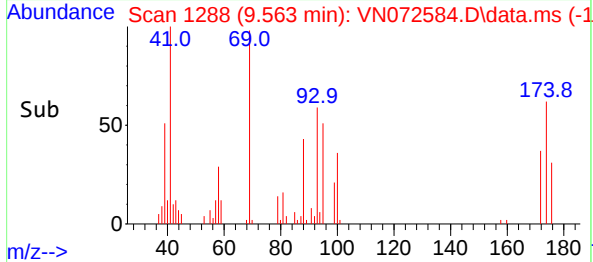
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



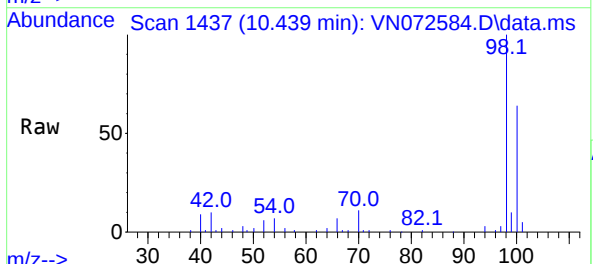
Tgt Ion: 88 Resp: 8674
Ion Ratio Lower Upper
88 100
43 27.3 20.2 30.4
58 66.9 54.2 81.4

Manual Integrations
APPROVED

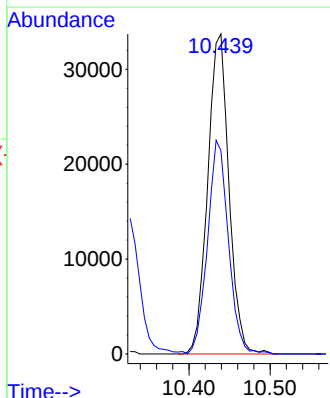
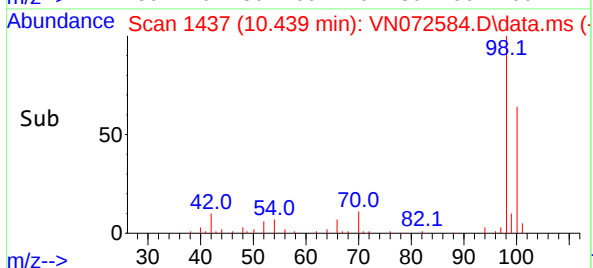
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

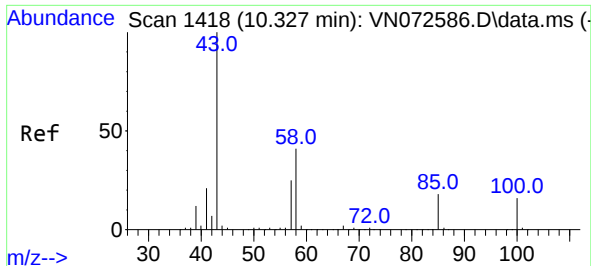


#50
Toluene-d8
Concen: 9.112 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27



Tgt Ion: 98 Resp: 61276
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8





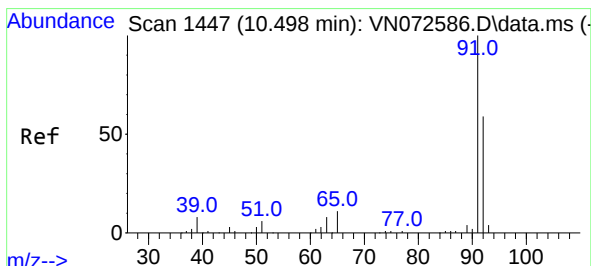
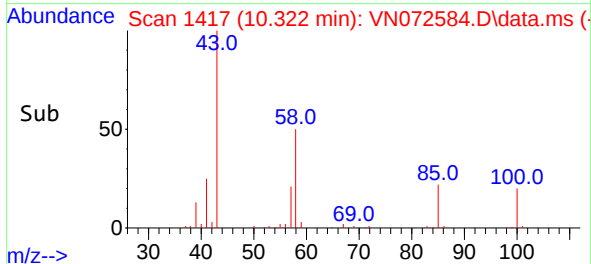
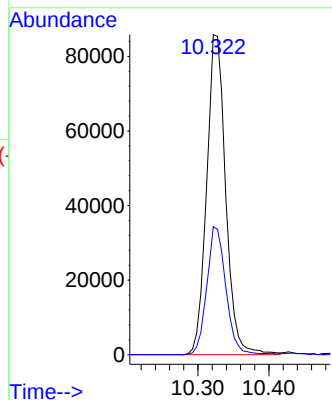
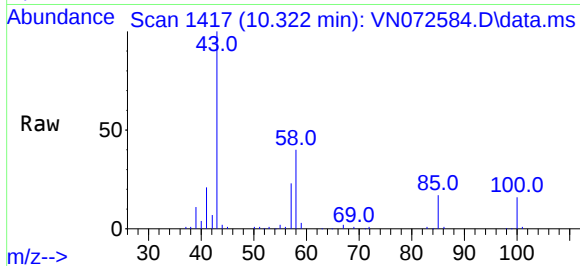
#51
4-Methyl-2-Pentanone
Concen: 55.202 ug/l
RT: 10.322 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 160070
Ion Ratio Lower Upper
43 100
58 39.9 34.1 51.1

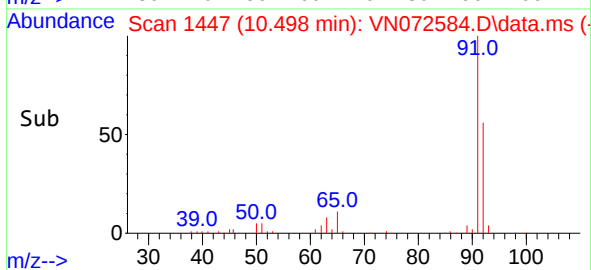
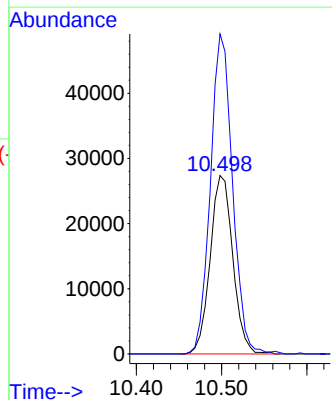
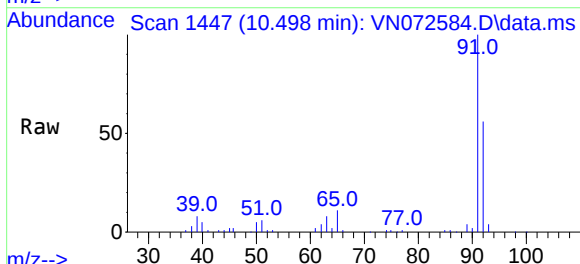
Manual Integrations
APPROVED

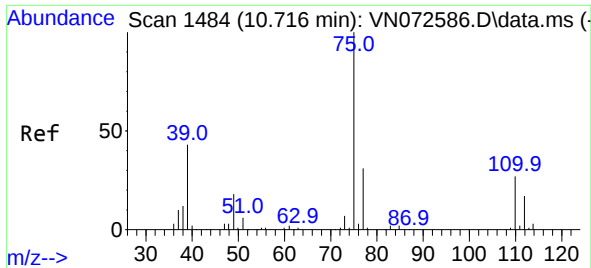
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#52
Toluene
Concen: 10.817 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

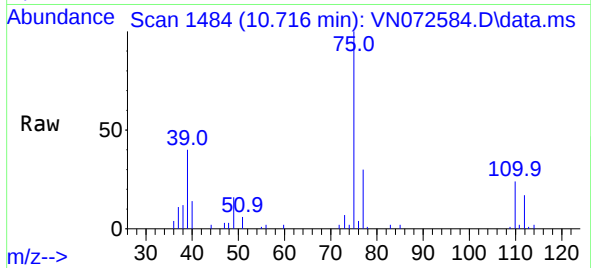
Tgt Ion: 92 Resp: 50588
Ion Ratio Lower Upper
92 100
91 175.2 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 9.331 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

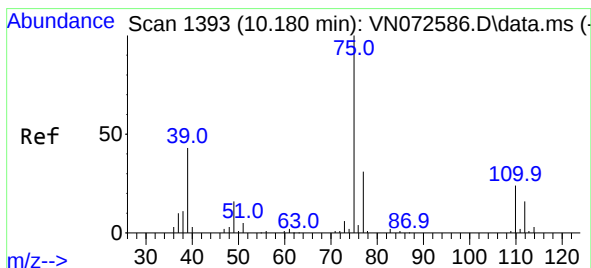
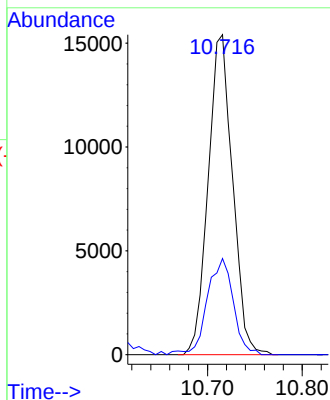
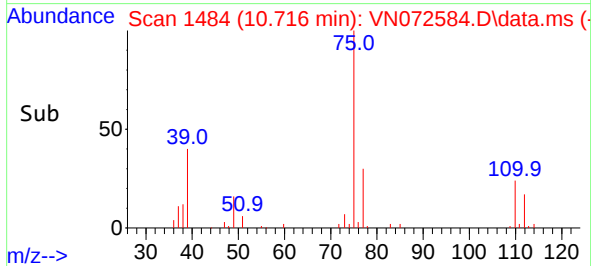
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



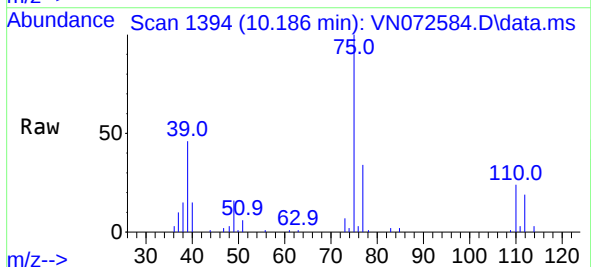
Tgt Ion: 75 Resp: 2754
Ion Ratio Lower Upper
75 100
77 30.1 25.6 38.4

Manual Integrations
APPROVED

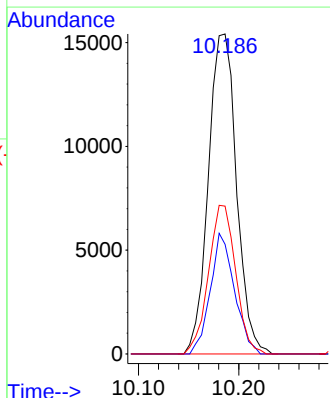
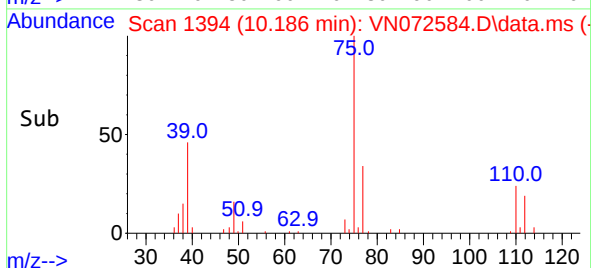
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

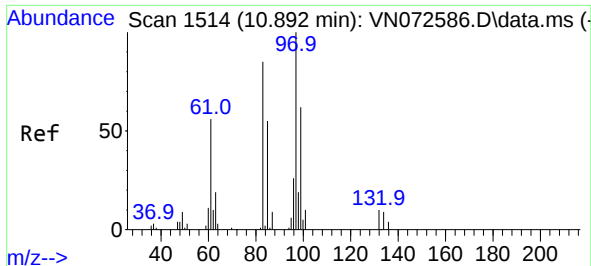


#54
cis-1,3-Dichloropropene
Concen: 10.138 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.006 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27



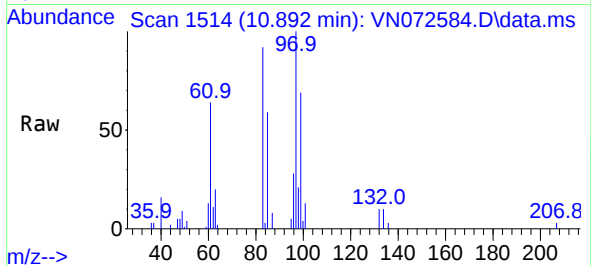
Tgt Ion: 75 Resp: 30083
Ion Ratio Lower Upper
75 100
77 34.3 25.2 37.8
39 46.2 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 10.137 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

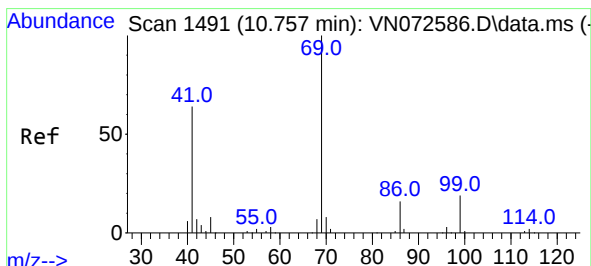
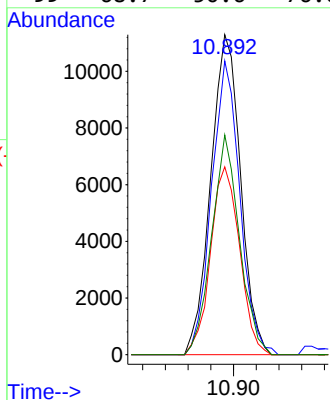
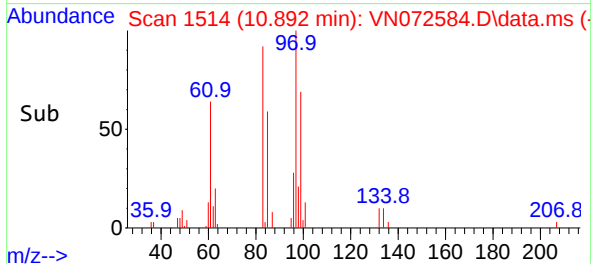
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



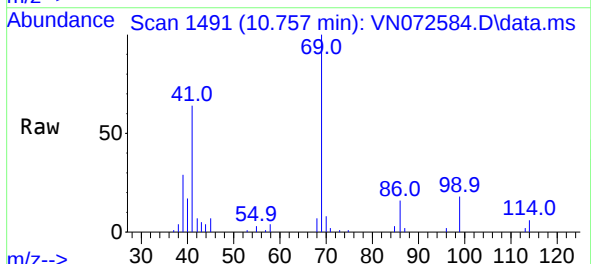
Tgt Ion:	97	Resp:	20594
Ion	Ratio	Lower	Upper
97	100		
83	91.8	66.2	99.4
85	58.7	43.9	65.9
99	68.7	50.6	76.0

Manual Integrations
APPROVED

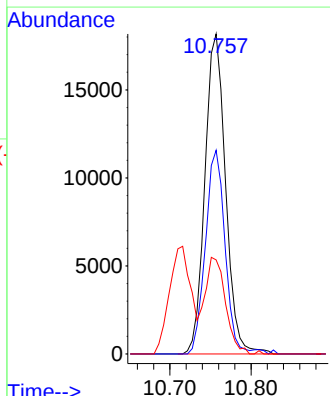
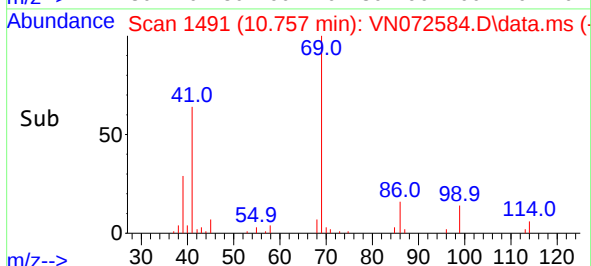
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

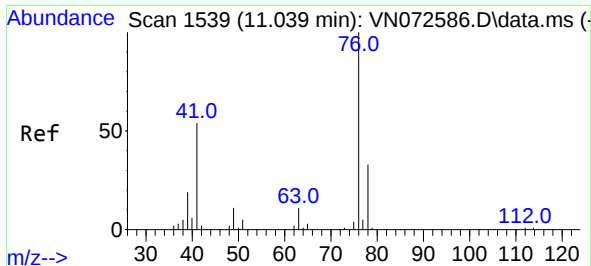


#56
Ethyl methacrylate
Concen: 10.596 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27



Tgt Ion:	69	Resp:	32130
Ion	Ratio	Lower	Upper
69	100		
41	60.1	47.8	71.6
39	30.2	27.3	40.9





#57

1,3-Dichloropropane

Concen: 10.353 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN072584.D

Acq: 24 May 2022 13:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 76 Resp: 3537

Ion Ratio Lower Upper

76 100

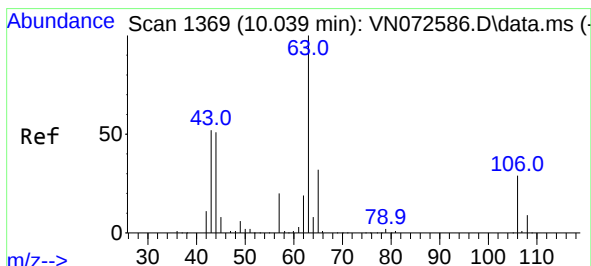
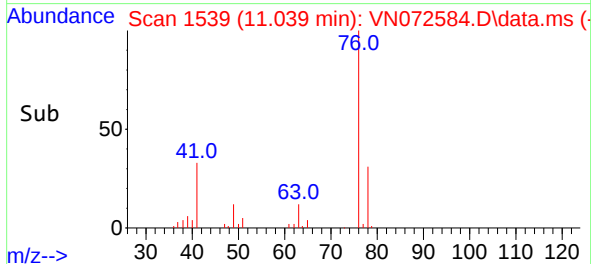
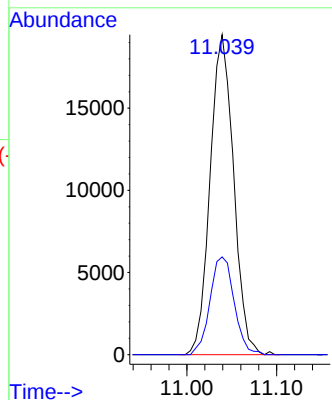
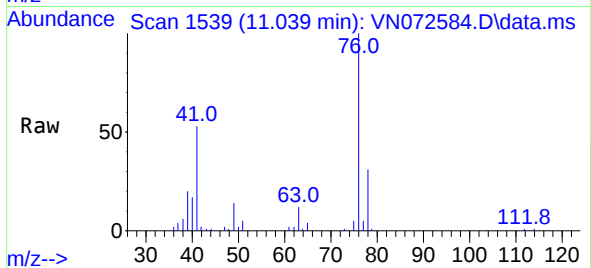
78 31.5 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2022

Supervised By :Mahesh Dadoda 05/25/2022



#58

2-Chloroethyl Vinyl ether

Concen: 80.403 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VN072584.D

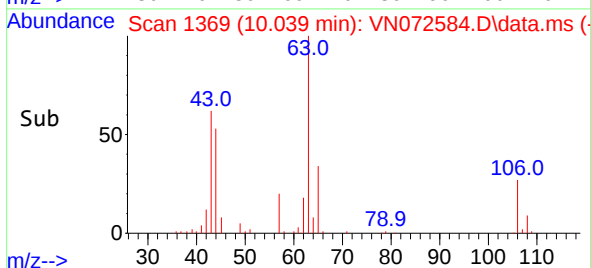
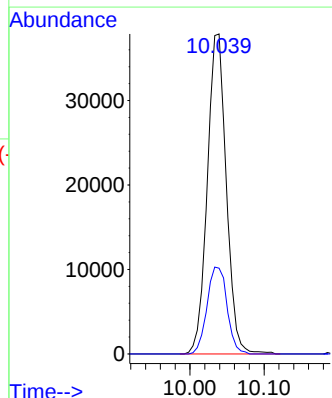
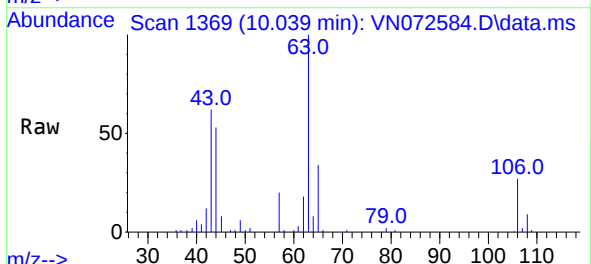
Acq: 24 May 2022 13:27

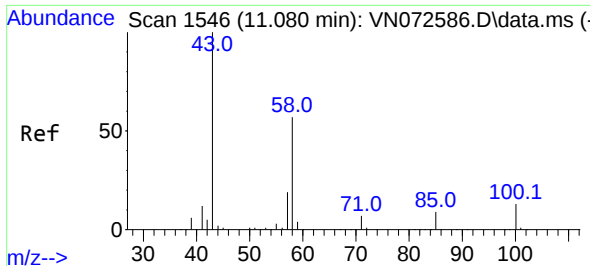
Tgt Ion: 63 Resp: 67542

Ion Ratio Lower Upper

63 100

106 28.6 24.6 36.8





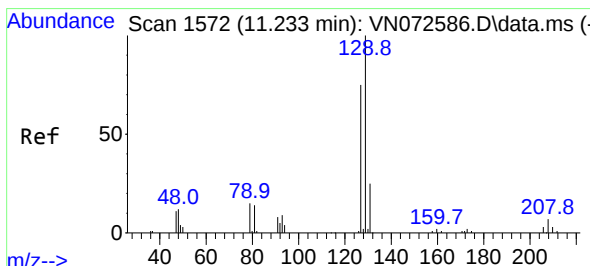
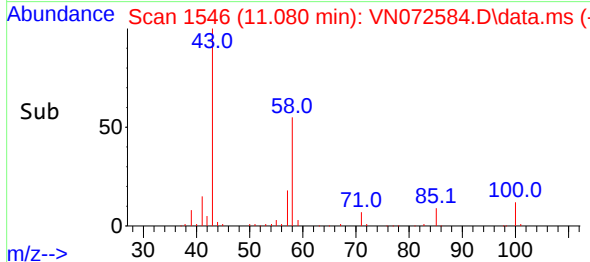
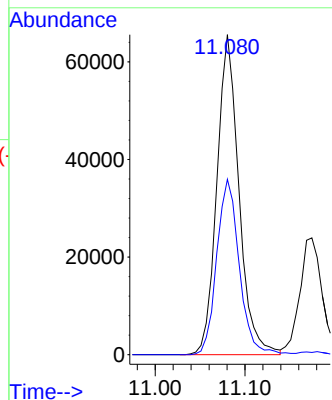
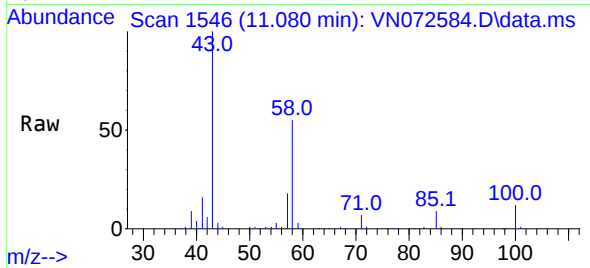
#59
2-Hexanone
Concen: 55.370 ug/l
RT: 11.080 min Scan# 111870
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 111870
Ion Ratio Lower Upper
43 100
58 56.1 29.7 89.1

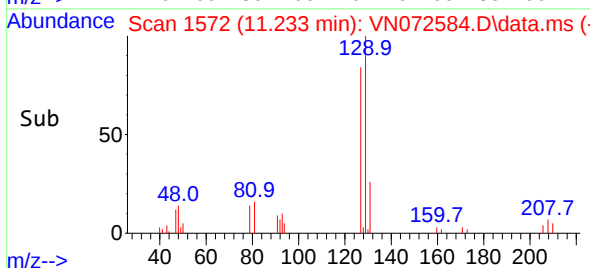
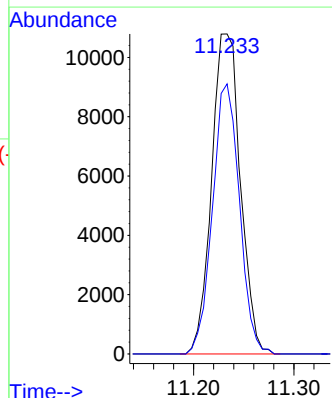
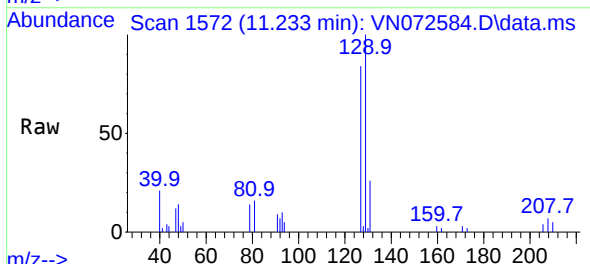
Manual Integrations
APPROVED

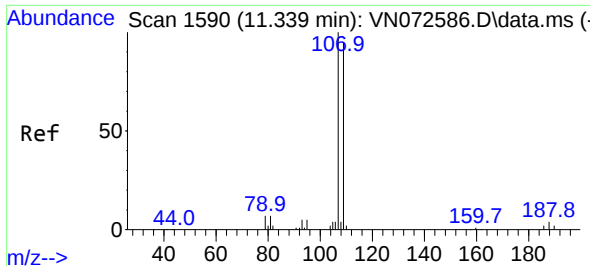
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#60
Dibromochloromethane
Concen: 9.371 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

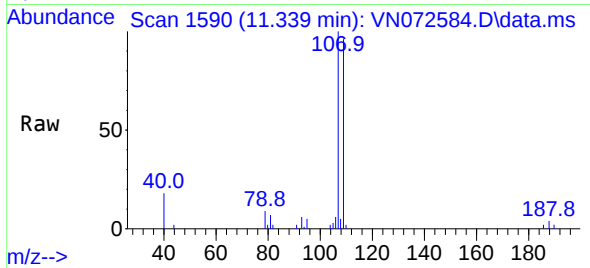
Tgt Ion:129 Resp: 21536
Ion Ratio Lower Upper
129 100
127 78.9 38.8 116.4





#61
1,2-Dibromoethane
Concen: 9.974 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

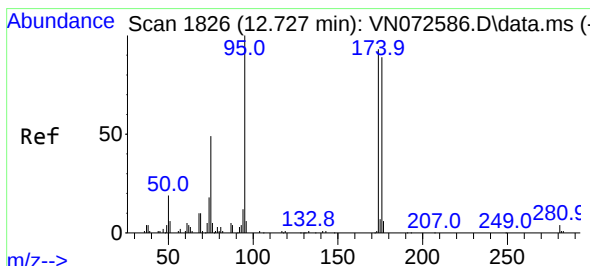
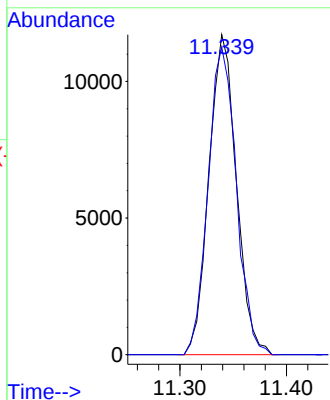
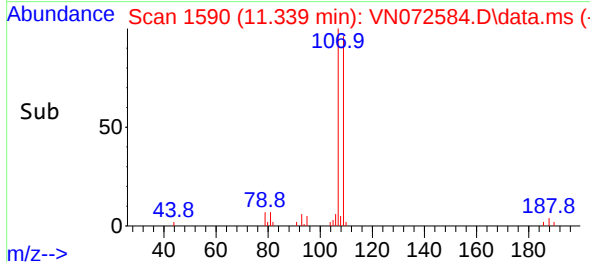
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



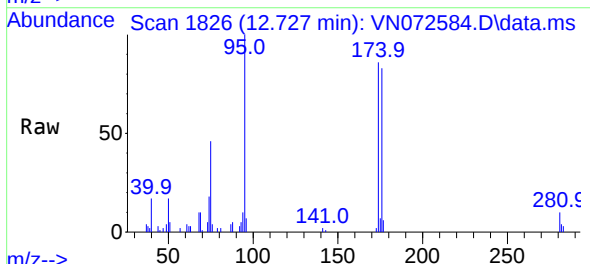
Tgt Ion:107 Resp: 20974
Ion Ratio Lower Upper
107 100
109 98.8 75.0 112.6

Manual Integrations
APPROVED

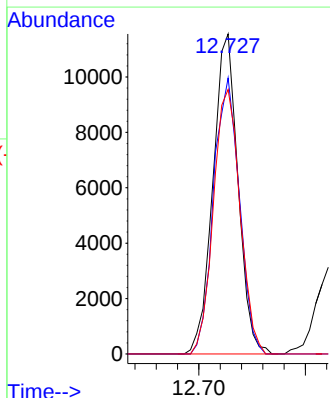
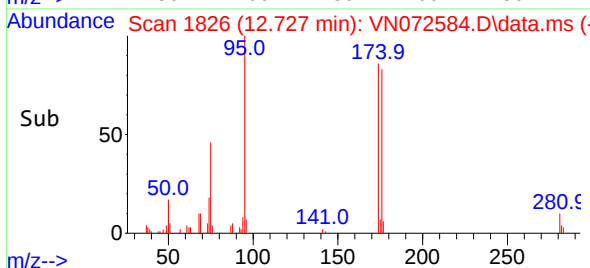
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

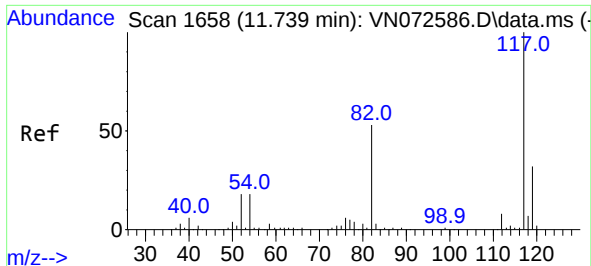


#62
4-Bromofluorobenzene
Concen: 7.576 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27



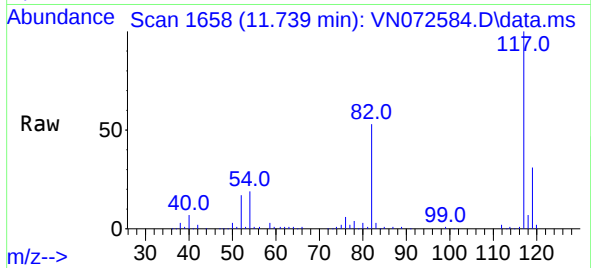
Tgt Ion: 95 Resp: 18820
Ion Ratio Lower Upper
95 100
174 88.9 0.0 167.6
176 87.8 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

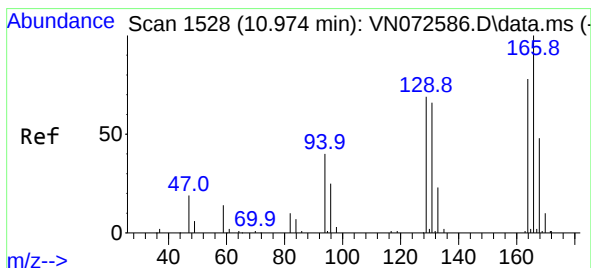
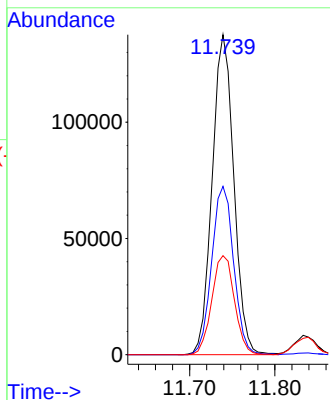
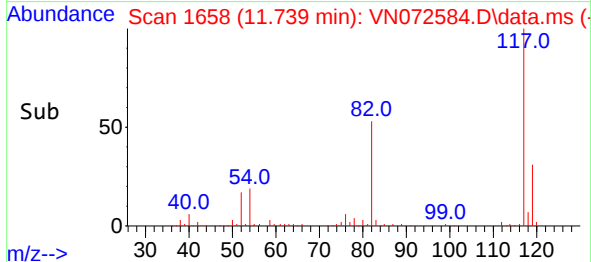
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



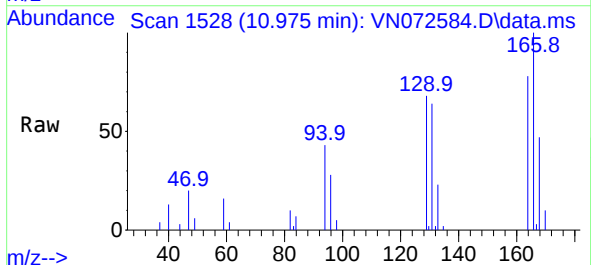
Tgt Ion:117 Resp: 24279
Ion Ratio Lower Upper
117 100
82 52.6 44.2 66.2
119 30.9 25.4 38.0

Manual Integrations
APPROVED

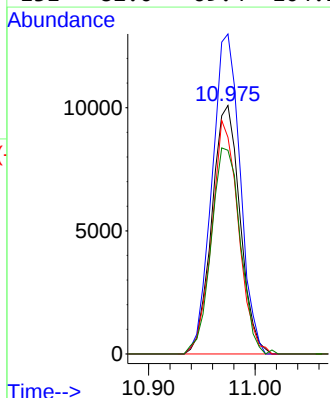
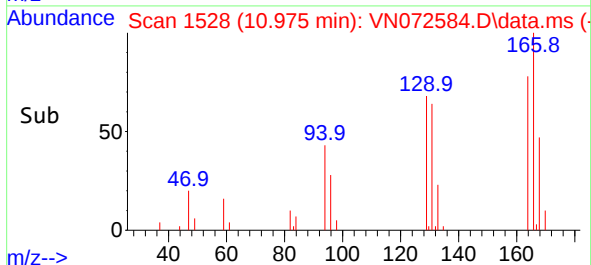
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

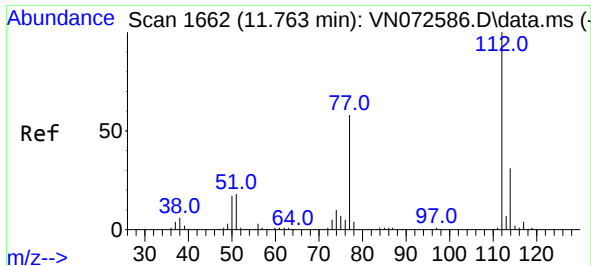


#64
Tetrachloroethene
Concen: 10.717 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27



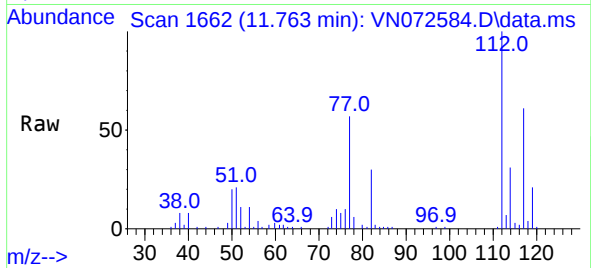
Tgt Ion:164 Resp: 18581
Ion Ratio Lower Upper
164 100
166 128.8 104.2 156.2
129 87.2 73.9 110.9
131 82.0 69.4 104.2





#65
Chlorobenzene
Concen: 10.720 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

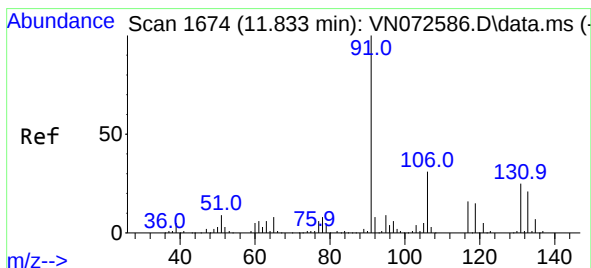
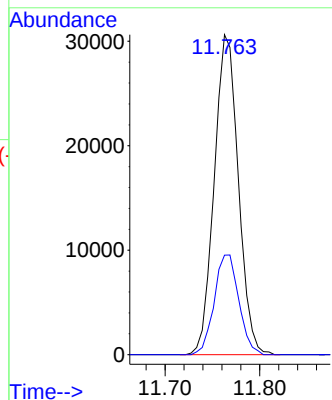
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:112 Resp: 5421
Ion Ratio Lower Upper
112 100
114 31.1 25.4 38.2

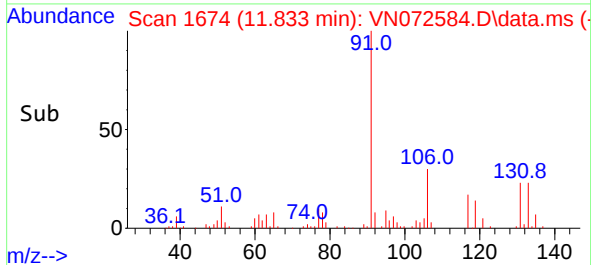
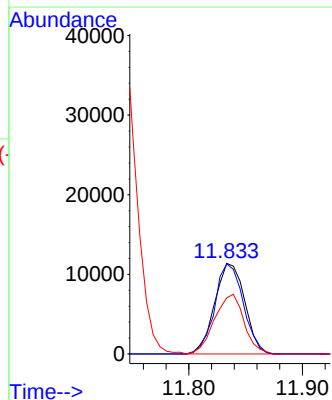
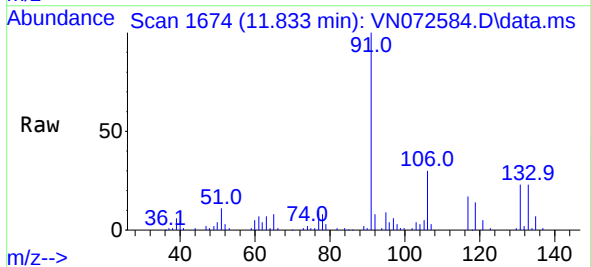
Manual Integrations
APPROVED

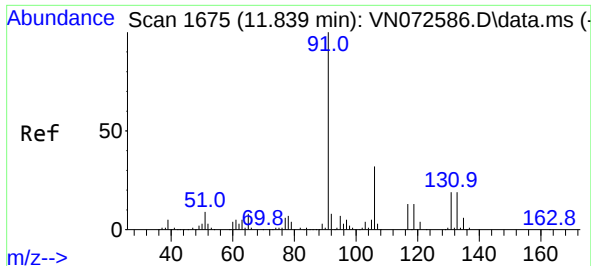
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 10.232 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

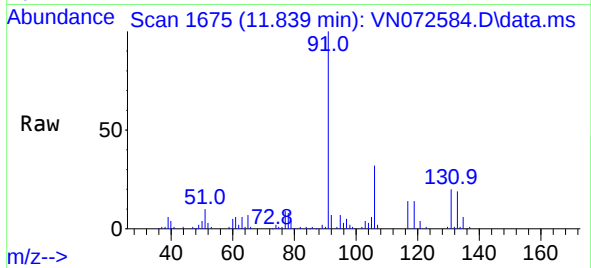
Tgt Ion:131 Resp: 20785
Ion Ratio Lower Upper
131 100
133 95.7 47.8 143.4
119 64.9 33.4 100.2





#67
Ethyl Benzene
Concen: 10.481 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

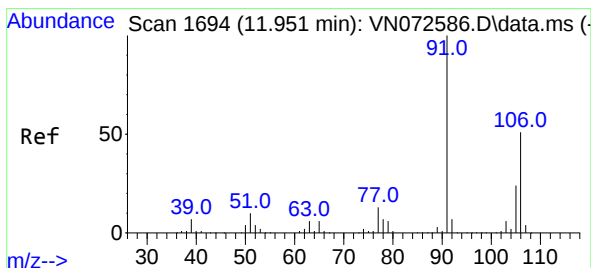
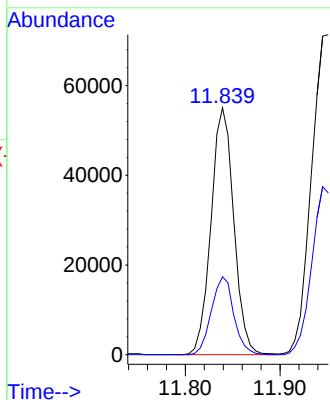
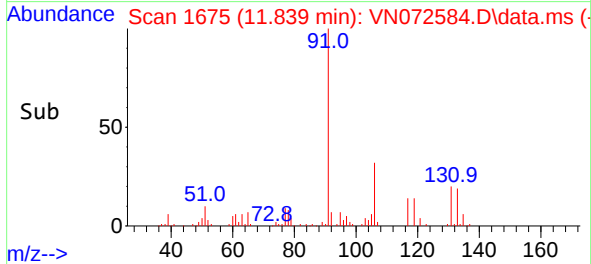
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



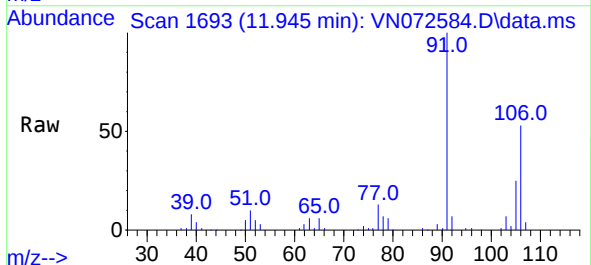
Tgt Ion: 91 Resp: 9201
Ion Ratio Lower Upper
91 100
106 31.6 24.9 37.3

Manual Integrations
APPROVED

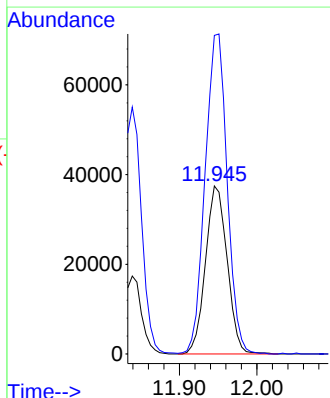
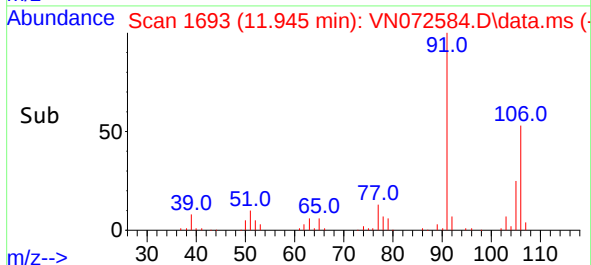
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

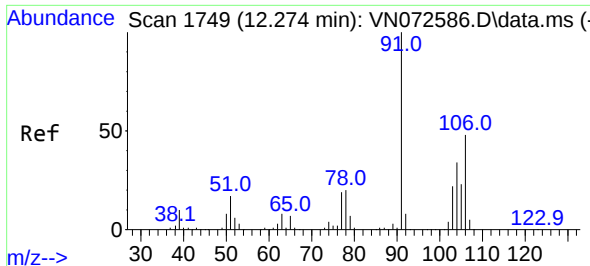


#68
m/p-Xylenes
Concen: 21.626 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27



Tgt Ion:106 Resp: 72761
Ion Ratio Lower Upper
106 100
91 193.9 158.9 238.3





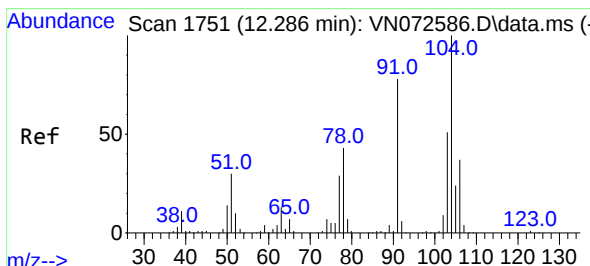
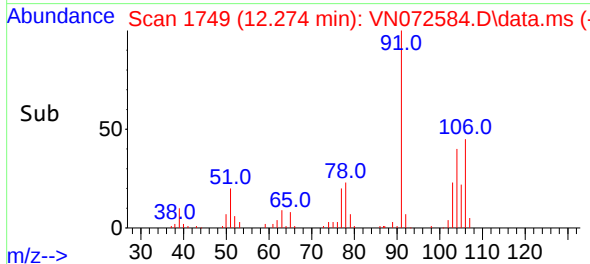
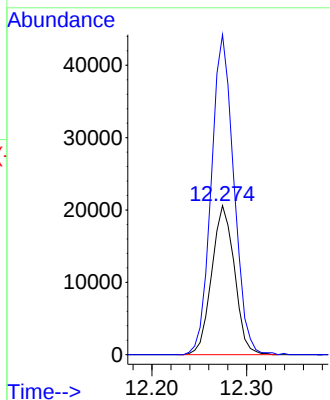
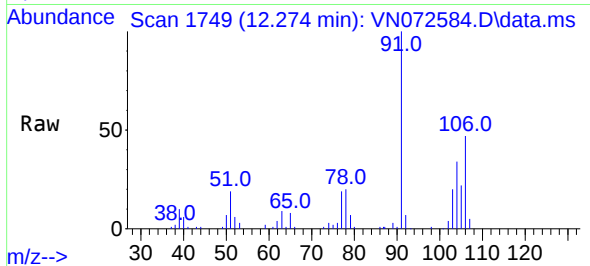
#69
o-Xylene
Concen: 10.077 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:106 Resp: 34454
Ion Ratio Lower Upper
106 100
91 213.3 106.0 318.0

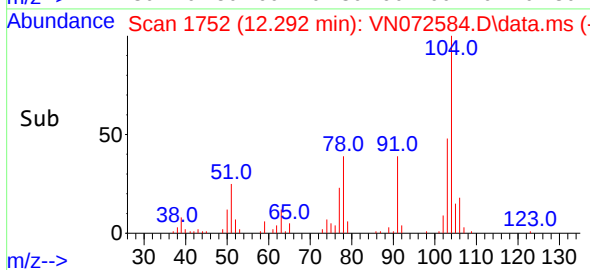
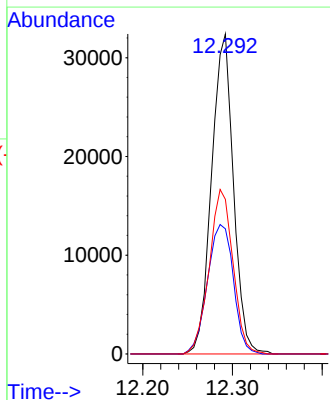
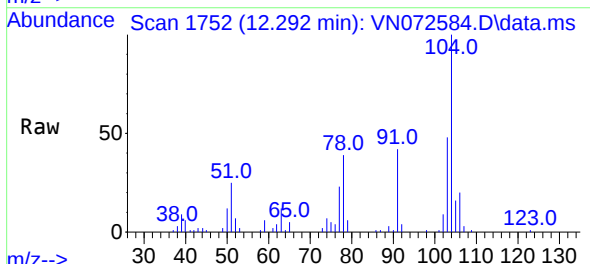
Manual Integrations
APPROVED

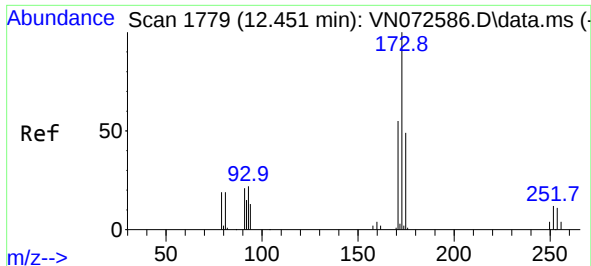
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#70
Styrene
Concen: 10.409 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

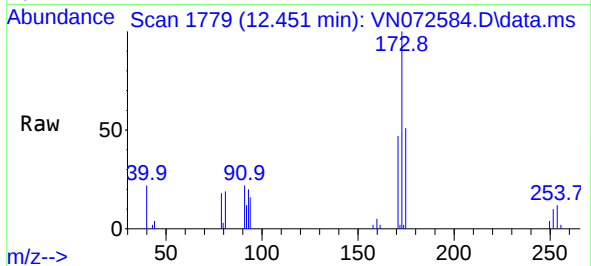
Tgt Ion:104 Resp: 54806
Ion Ratio Lower Upper
104 100
78 48.0 39.5 59.3
103 56.1 44.0 66.0





#71
Bromoform
Concen: 10.675 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

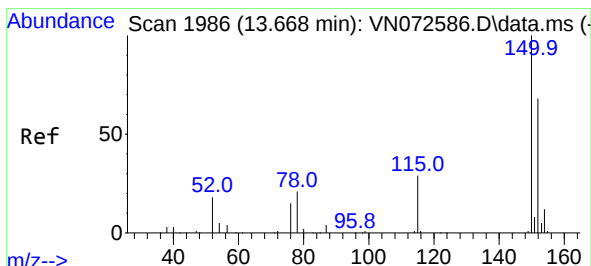
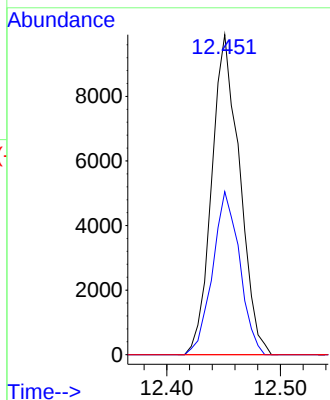
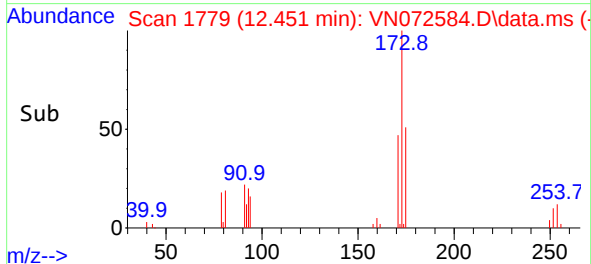
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



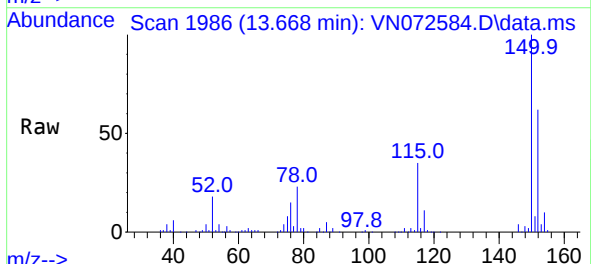
Tgt Ion:173 Resp: 16898
Ion Ratio Lower Upper
173 100
175 49.4 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

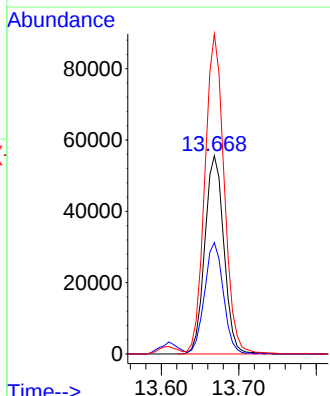
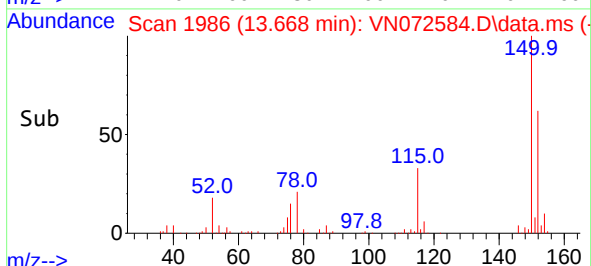
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

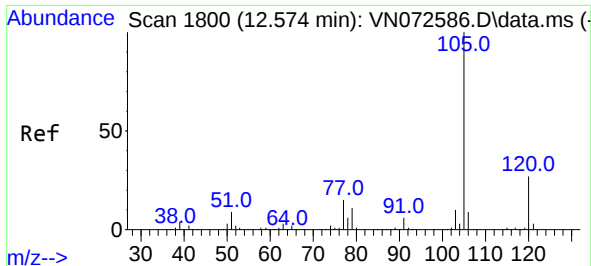


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27



Tgt Ion:152 Resp: 95044
Ion Ratio Lower Upper
152 100
115 55.5 28.9 86.7
150 163.9 0.0 356.2





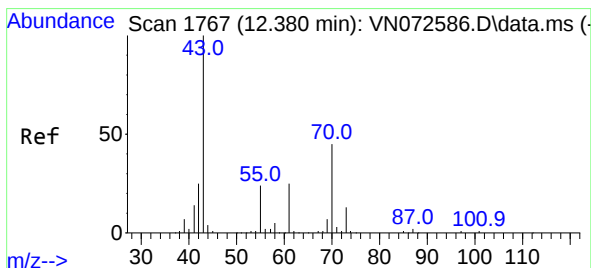
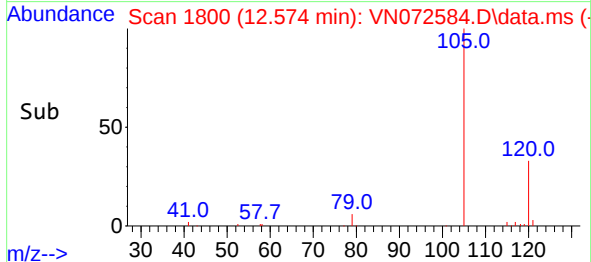
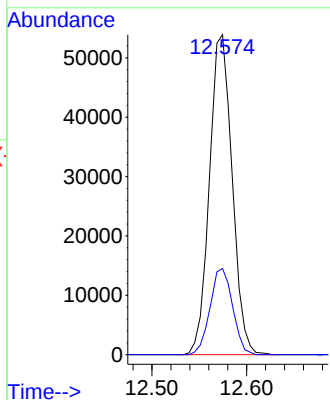
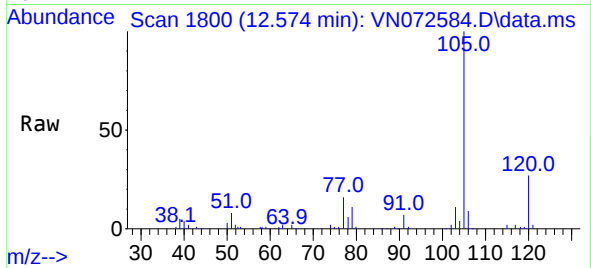
#73
Isopropylbenzene
Concen: 11.285 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:105 Resp: 8985
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.4

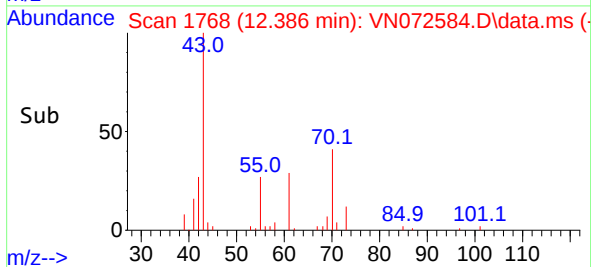
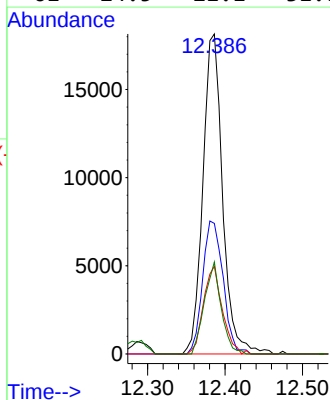
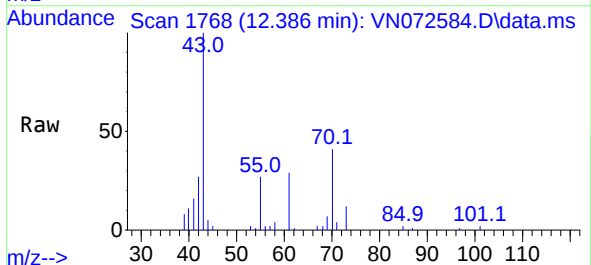
Manual Integrations
APPROVED

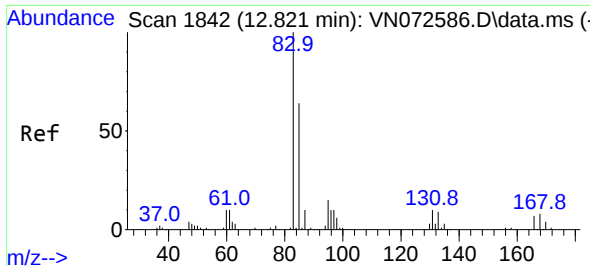
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#74
N-ethyl acetate
Concen: 11.714 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

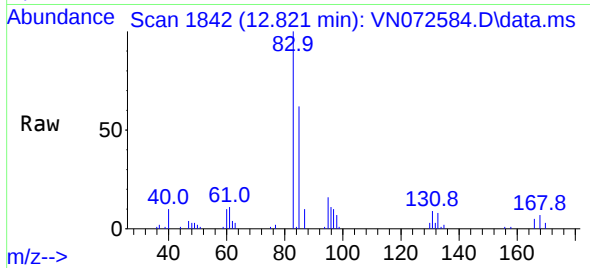
Tgt Ion: 43 Resp: 32094
Ion Ratio Lower Upper
43 100
70 43.1 39.0 58.4
55 26.3 21.1 31.7
61 24.5 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 12.757 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

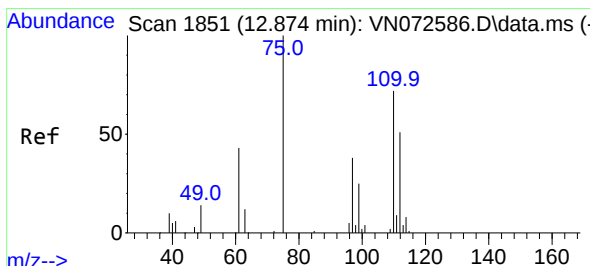
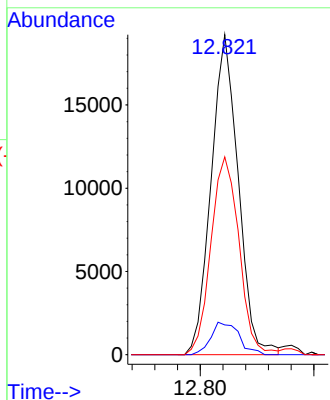
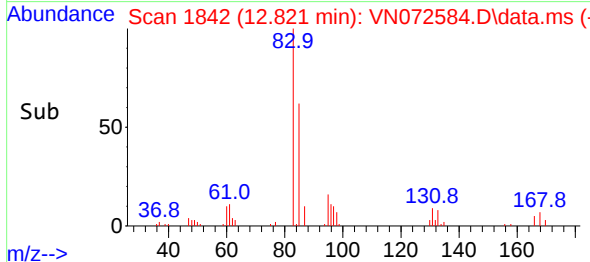
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



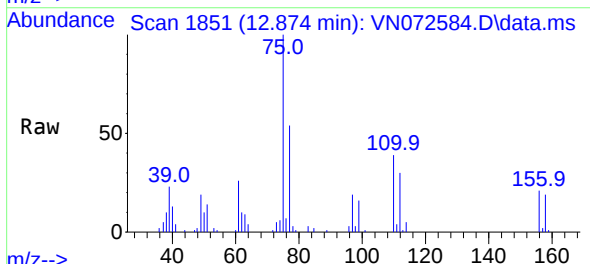
Tgt Ion: 83 Resp: 31902
Ion Ratio Lower Upper
83 100
131 10.5 5.3 15.9
85 63.9 32.3 96.9

Manual Integrations
APPROVED

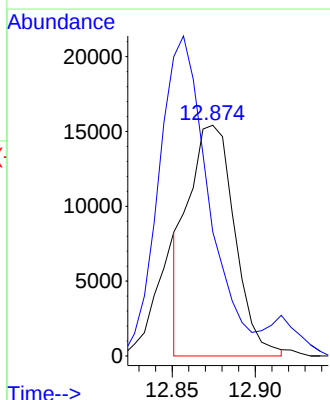
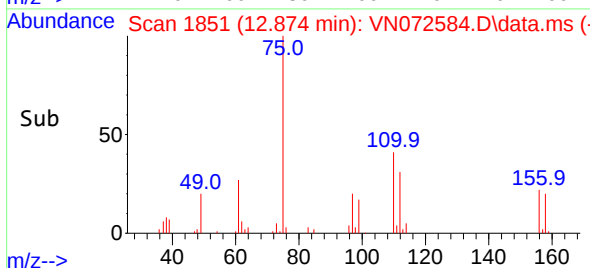
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

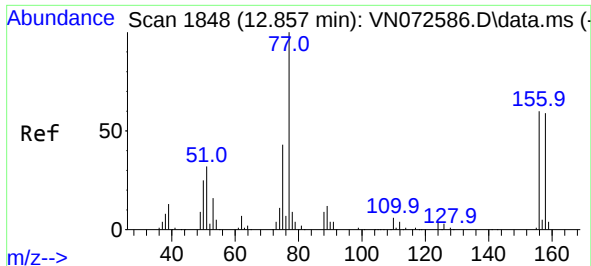


#76
1,2,3-Trichloropropane
Concen: 10.721 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27



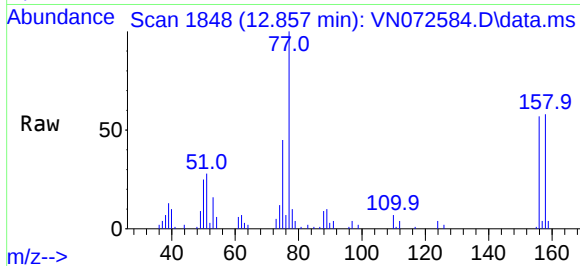
Tgt Ion: 75 Resp: 29932
Ion Ratio Lower Upper
75 100
77 147.9 98.5 295.5





#77
Bromobenzene
Concen: 10.432 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

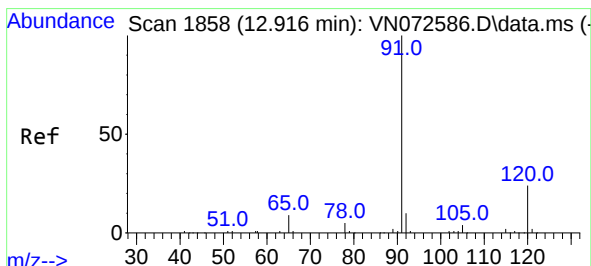
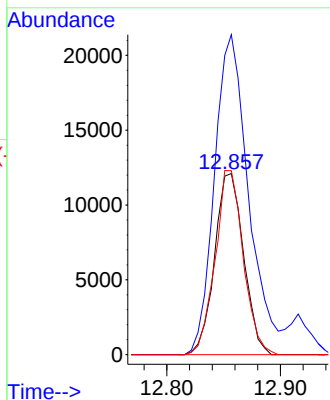
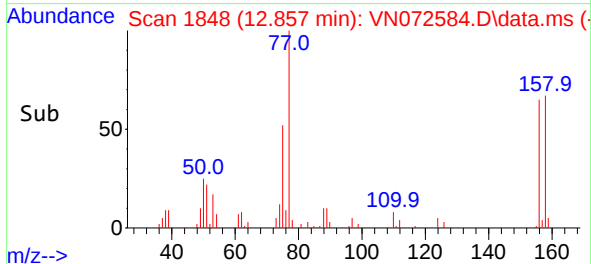
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



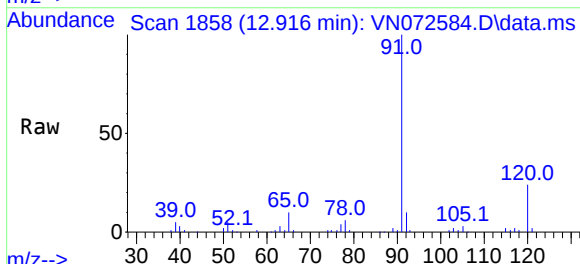
Tgt Ion:156 Resp: 2148
Ion Ratio Lower Upper
156 100
77 206.0 100.5 301.5
158 98.6 48.9 146.6

Manual Integrations
APPROVED

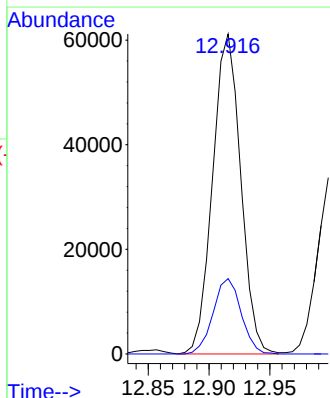
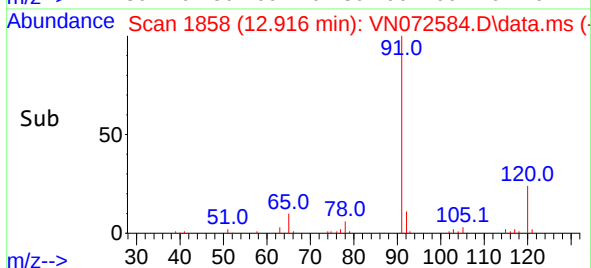
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

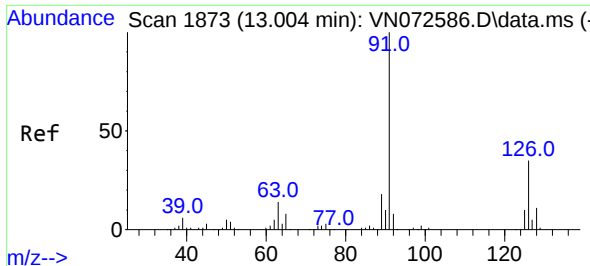


#78
n-propylbenzene
Concen: 11.254 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27



Tgt Ion: 91 Resp: 98197
Ion Ratio Lower Upper
91 100
120 23.4 11.9 35.5





#79

2-Chlorotoluene

Concen: 10.527 ug/l

RT: 13.004 min Scan# 1873

Delta R.T. 0.000 min

Lab File: VN072584.D

Acq: 24 May 2022 13:27

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 91 Resp: 6048

Ion Ratio Lower Upper

91 100

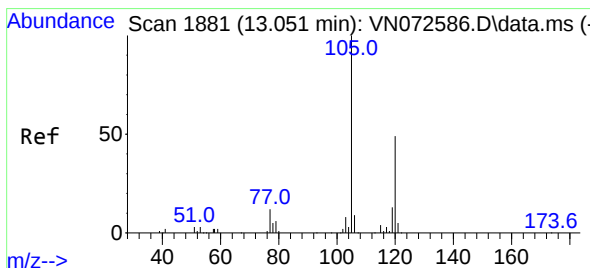
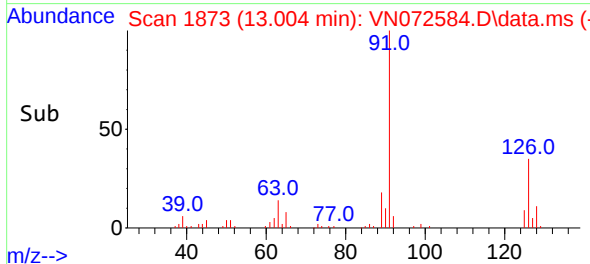
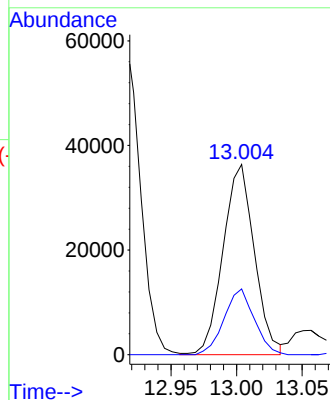
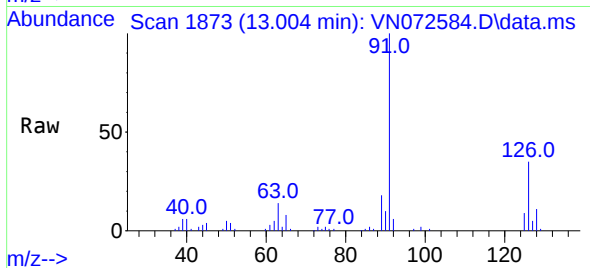
126 33.3 17.3 51.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2022

Supervised By :Mahesh Dadoda 05/25/2022



#80

1,3,5-Trimethylbenzene

Concen: 10.330 ug/l

RT: 13.051 min Scan# 1881

Delta R.T. 0.000 min

Lab File: VN072584.D

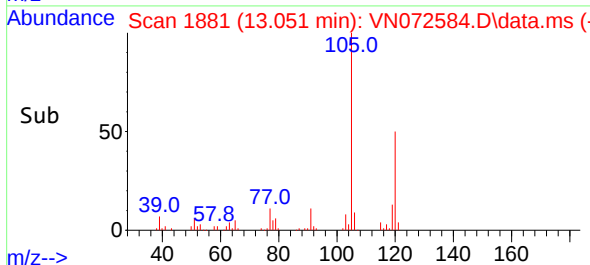
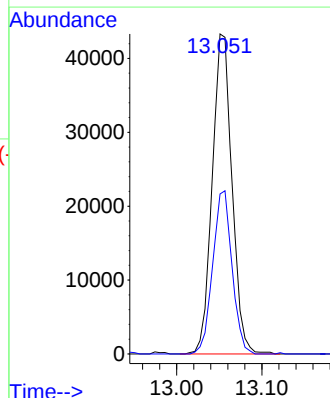
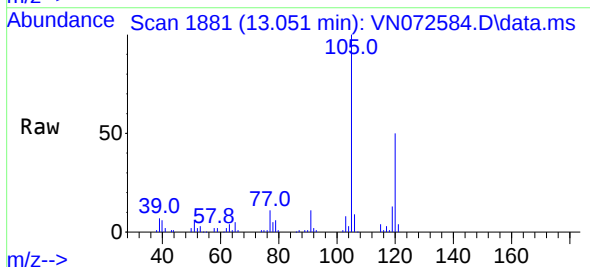
Acq: 24 May 2022 13:27

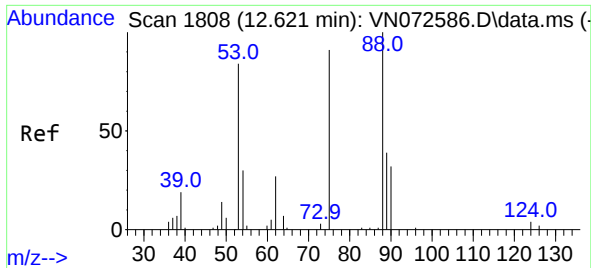
Tgt Ion:105 Resp: 69840

Ion Ratio Lower Upper

105 100

120 49.9 24.9 74.7





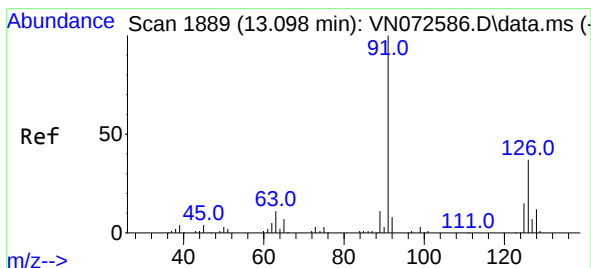
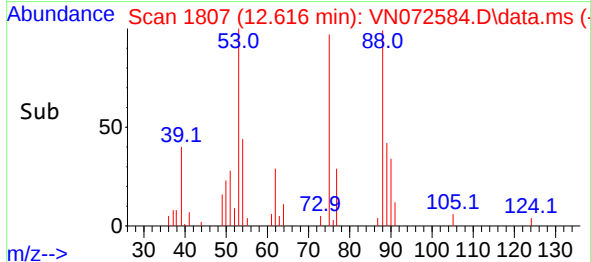
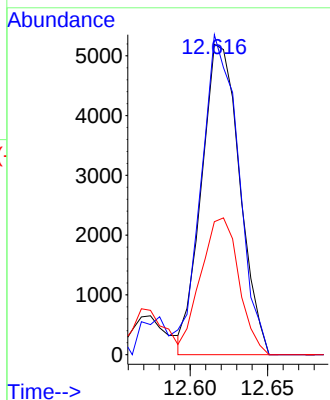
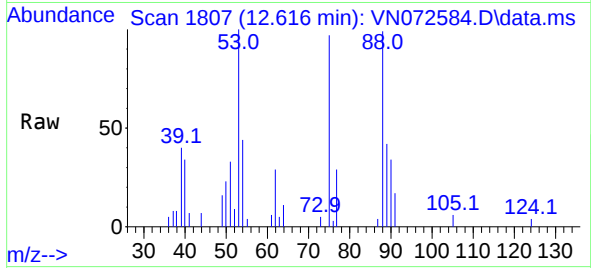
#81
trans-1,4-Dichloro-2-butene
Concen: 12.133 ug/l
RT: 12.616 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 75 Resp: 888
Ion Ratio Lower Upper
75 100
53 100.9 78.0 117.0
89 44.2 37.2 55.8

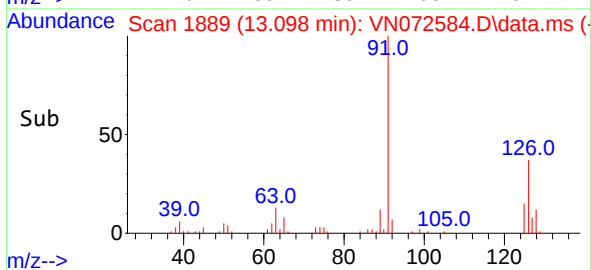
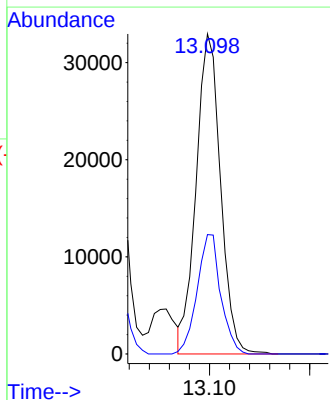
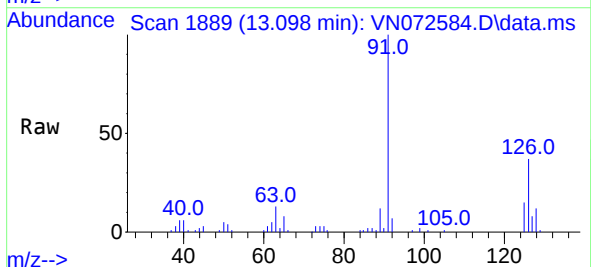
Manual Integrations
APPROVED

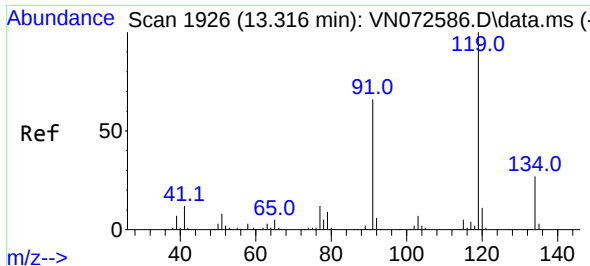
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#82
4-Chlorotoluene
Concen: 10.375 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

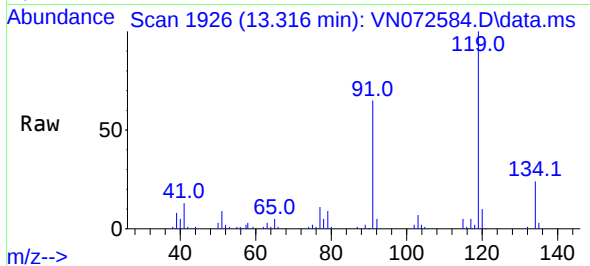
Tgt Ion: 91 Resp: 55701
Ion Ratio Lower Upper
91 100
126 36.1 17.2 51.6





#83
tert-Butylbenzene
Concen: 11.126 ug/l
RT: 13.316 min Scan# 1926
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

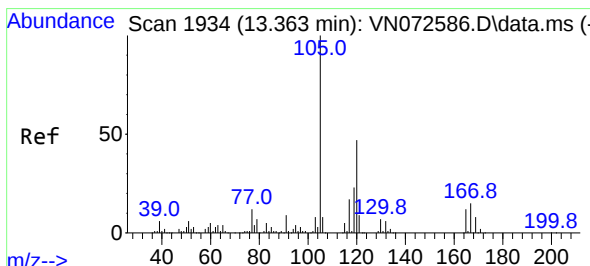
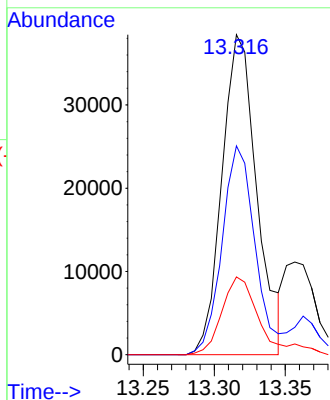
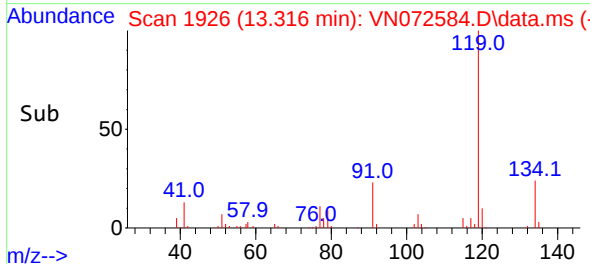
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



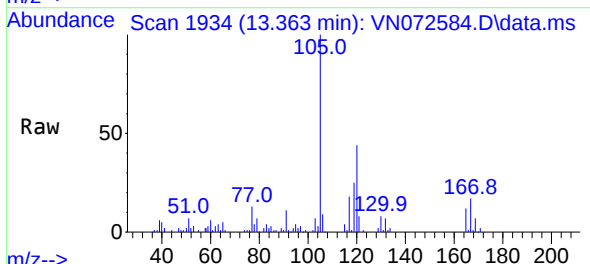
Tgt Ion:119 Resp: 65670
Ion Ratio Lower Upper
119 100
91 61.3 31.6 94.8
134 26.4 13.7 41.1

Manual Integrations
APPROVED

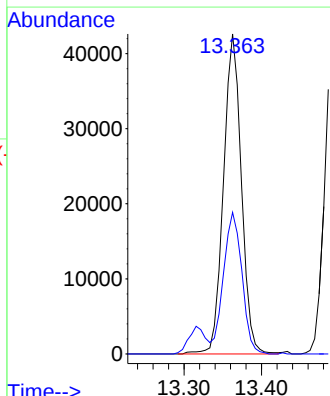
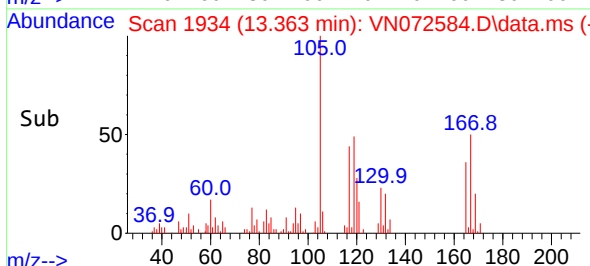
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

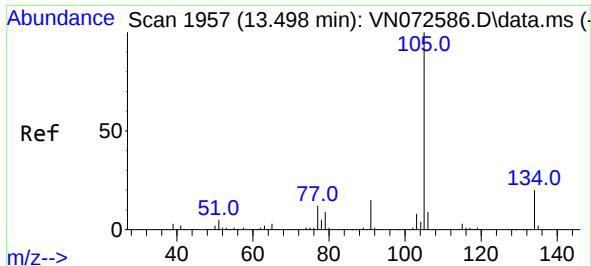


#84
1,2,4-Trimethylbenzene
Concen: 10.387 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27



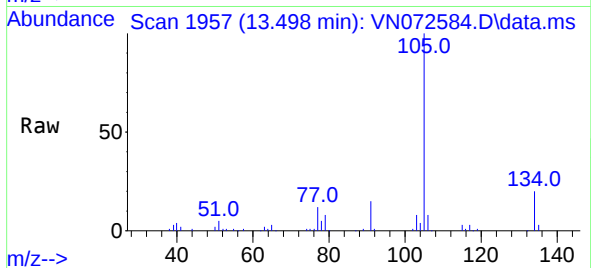
Tgt Ion:105 Resp: 68433
Ion Ratio Lower Upper
105 100
120 45.7 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 11.267 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072584.D
 Acq: 24 May 2022 13:27

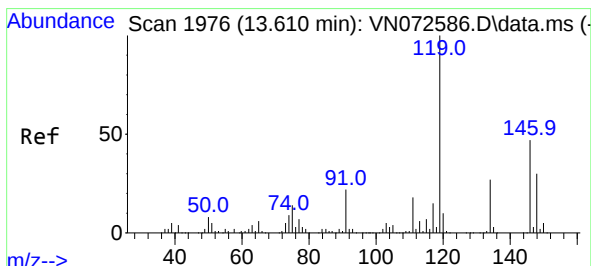
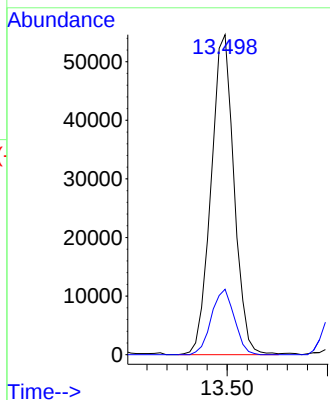
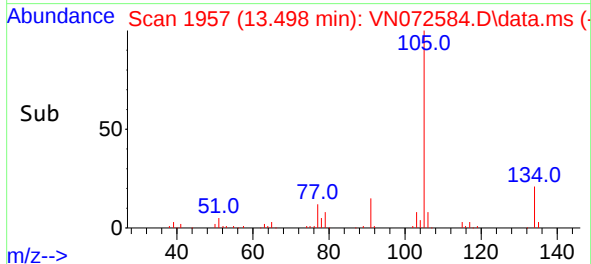
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



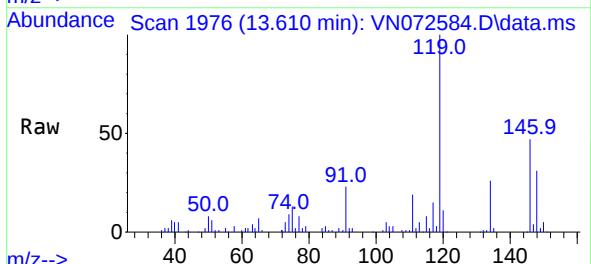
Tgt Ion:105 Resp: 86789
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.4 31.1

Manual Integrations
 APPROVED

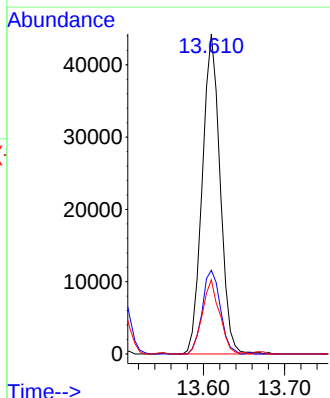
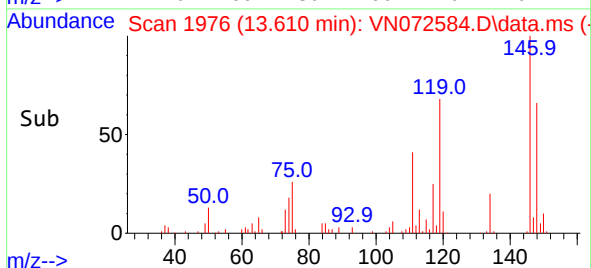
Reviewed By :John Carlone 05/25/2022
 Supervised By :Mahesh Dadoda 05/25/2022

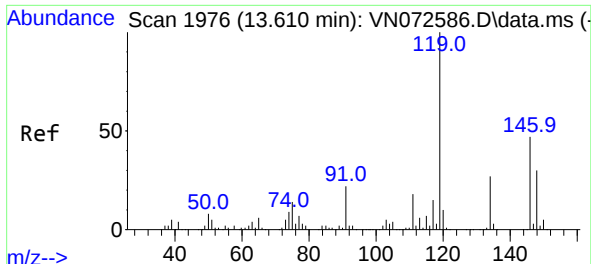


#86
 p-Isopropyltoluene
 Concen: 10.710 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072584.D
 Acq: 24 May 2022 13:27



Tgt Ion:119 Resp: 67409
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 22.5 11.3 33.9





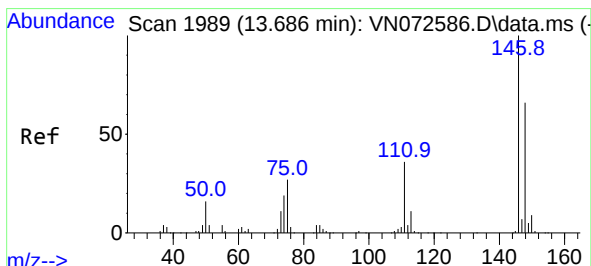
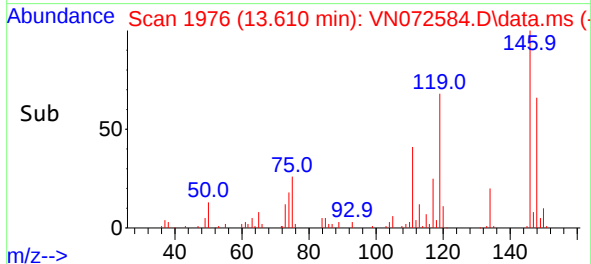
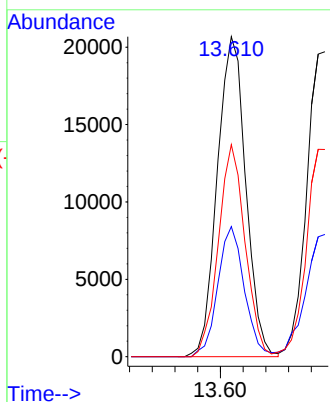
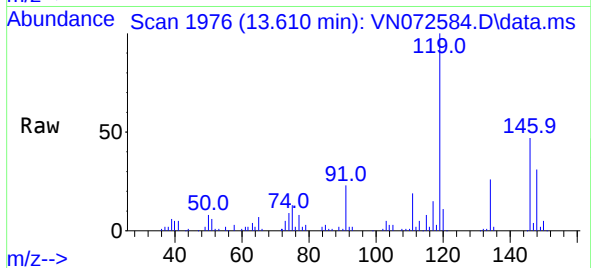
#87
1,3-Dichlorobenzene
Concen: 10.685 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:146 Resp: 35992
Ion Ratio Lower Upper
146 100
111 37.9 20.0 60.0
148 62.2 32.0 96.0

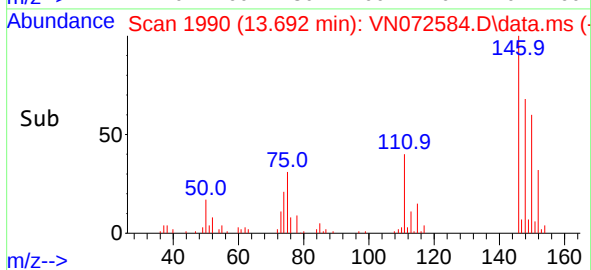
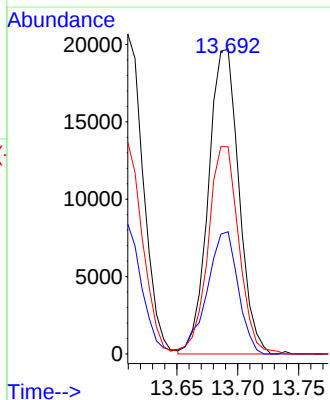
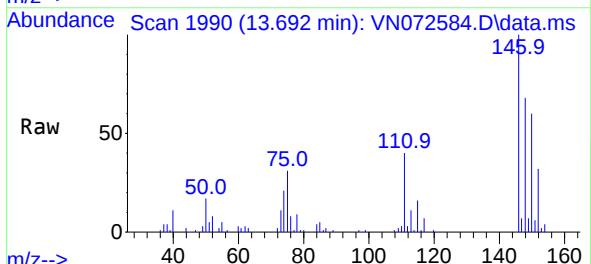
Manual Integrations
APPROVED

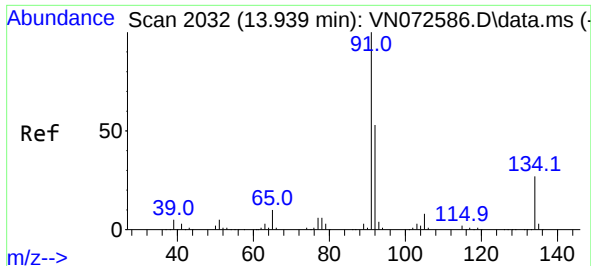
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#88
1,4-Dichlorobenzene
Concen: 10.493 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.006 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

Tgt Ion:146 Resp: 34269
Ion Ratio Lower Upper
146 100
111 41.0 19.1 57.1
148 68.9 31.4 94.3





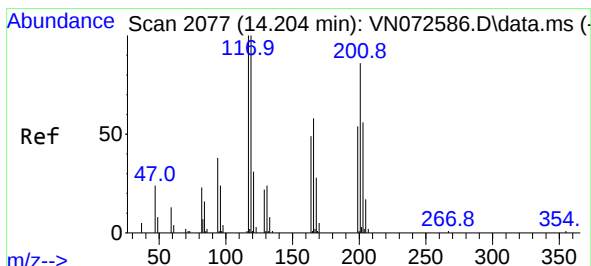
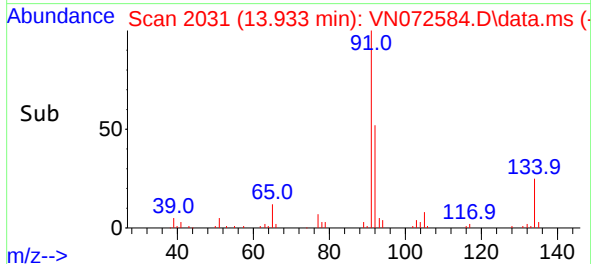
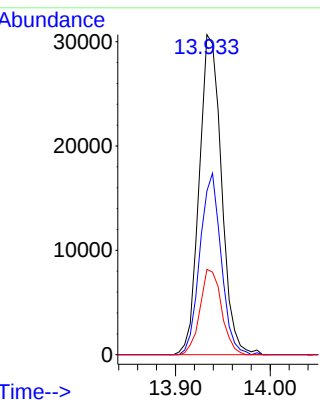
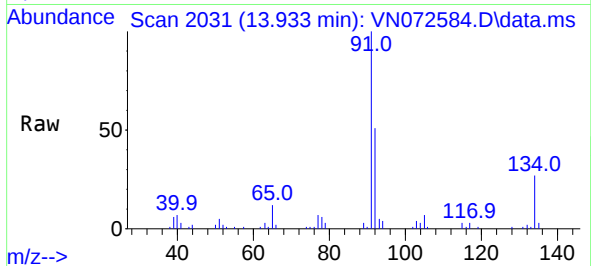
#89
n-Butylbenzene
Concen: 10.489 ug/l
RT: 13.933 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 5006
Ion Ratio Lower Upper
91 100
92 54.0 26.9 80.7
134 25.8 13.6 40.8

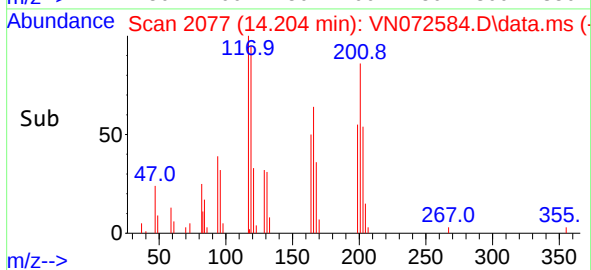
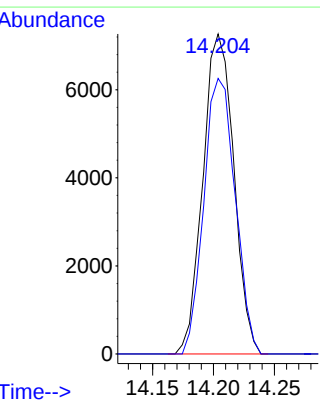
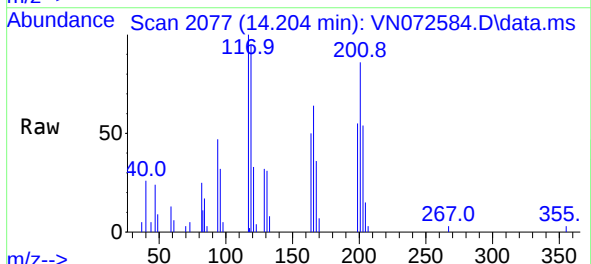
Manual Integrations
APPROVED

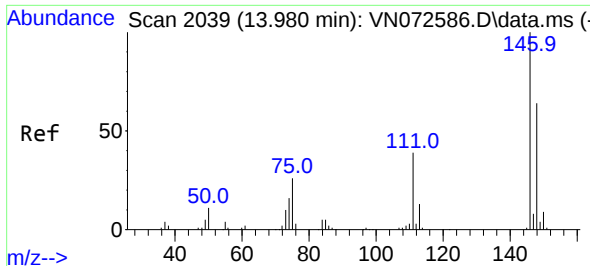
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#90
Hexachloroethane
Concen: 11.426 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

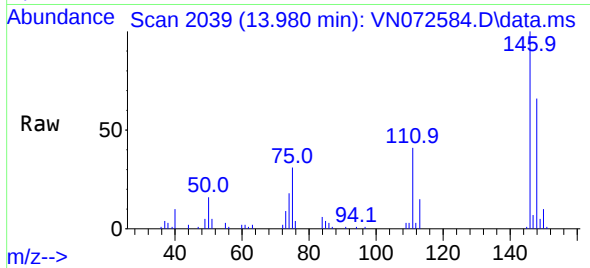
Tgt Ion:117 Resp: 12854
Ion Ratio Lower Upper
117 100
201 87.3 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 10.377 ug/l
RT: 13.980 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

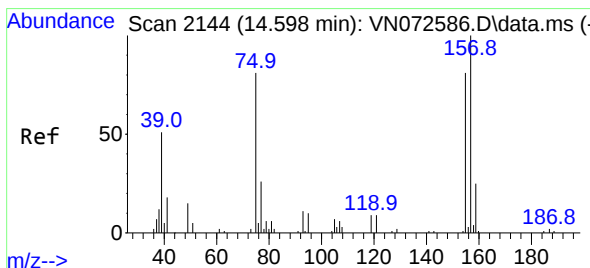
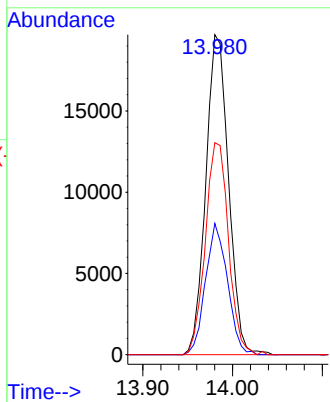
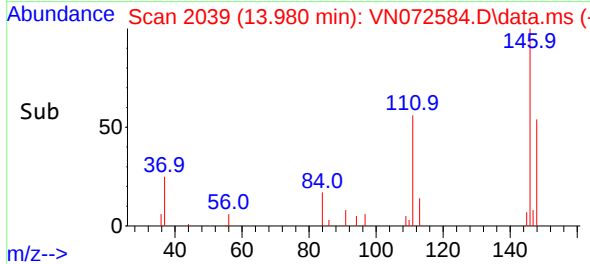
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



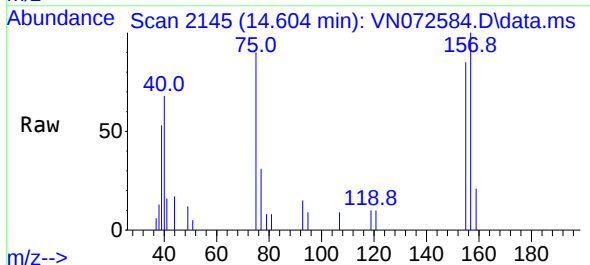
Tgt Ion:146 Resp: 34710
Ion Ratio Lower Upper
146 100
111 39.6 20.9 62.8
148 67.5 32.1 96.3

Manual Integrations
APPROVED

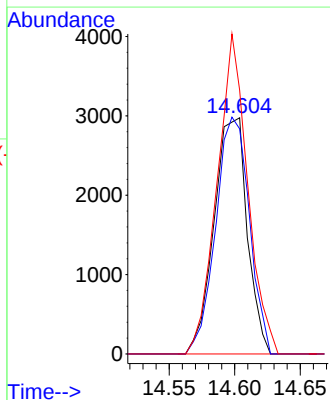
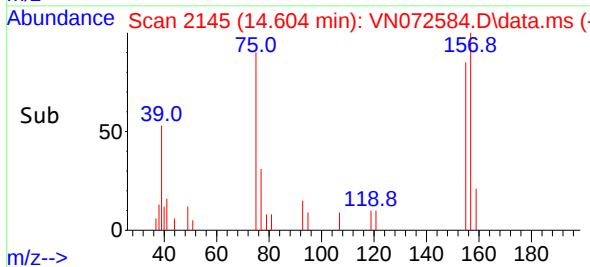
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

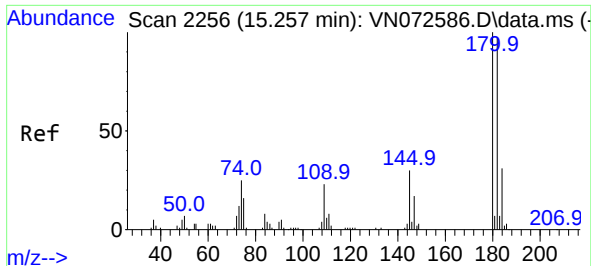


#92
1,2-Dibromo-3-Chloropropane
Concen: 10.481 ug/l
RT: 14.604 min Scan# 2145
Delta R.T. 0.006 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27



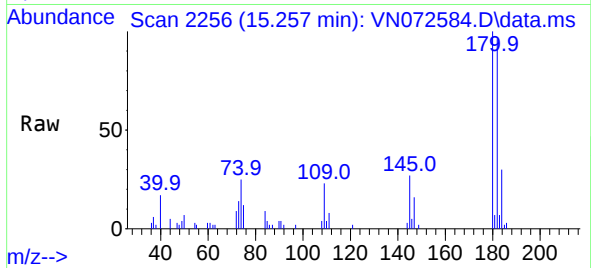
Tgt Ion: 75 Resp: 5235
Ion Ratio Lower Upper
75 100
155 101.7 44.9 134.5
157 124.7 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 12.525 ug/l
RT: 15.257 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

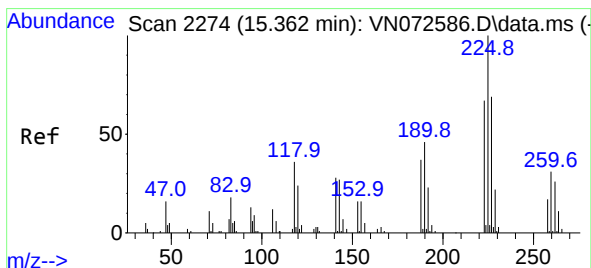
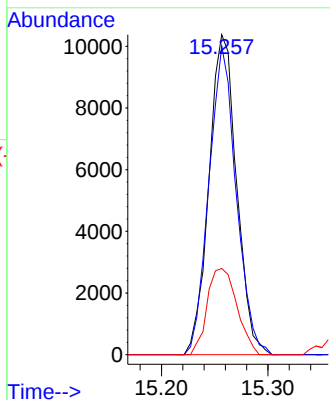
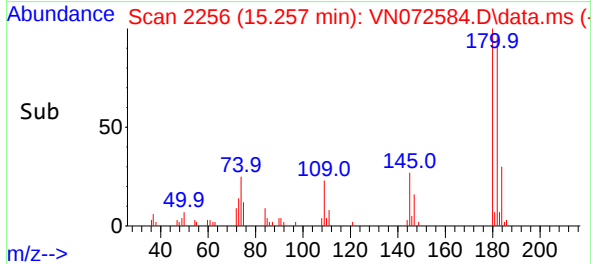
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



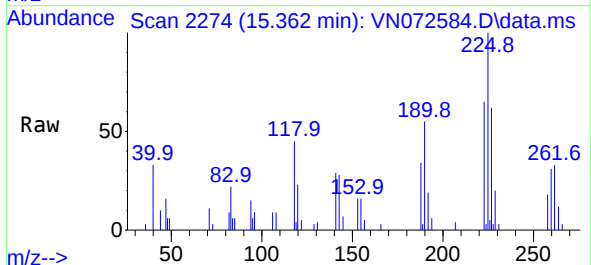
Tgt Ion:180 Resp: 1870
Ion Ratio Lower Upper
180 100
182 95.0 47.5 142.5
145 28.9 14.5 43.5

Manual Integrations
APPROVED

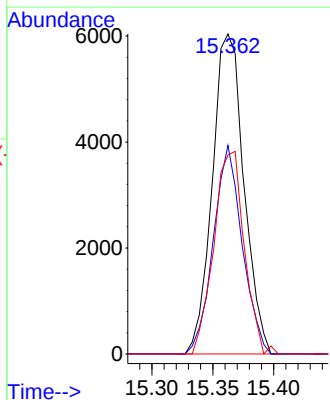
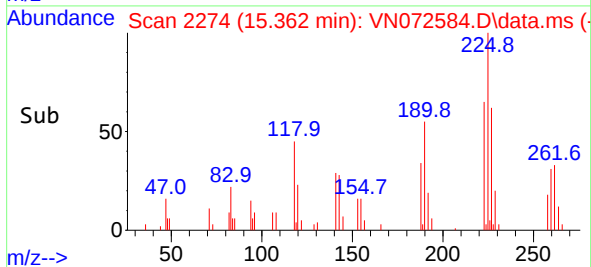
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

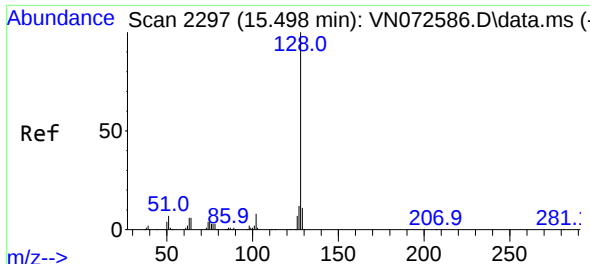


#94
Hexachlorobutadiene
Concen: 11.758 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27



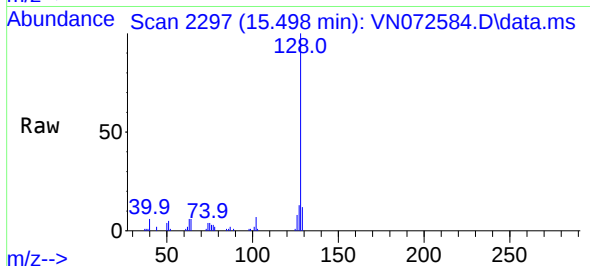
Tgt Ion:225 Resp: 10908
Ion Ratio Lower Upper
225 100
223 59.5 32.4 97.2
227 60.8 31.8 95.4





#95
Naphthalene
Concen: 13.474 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27

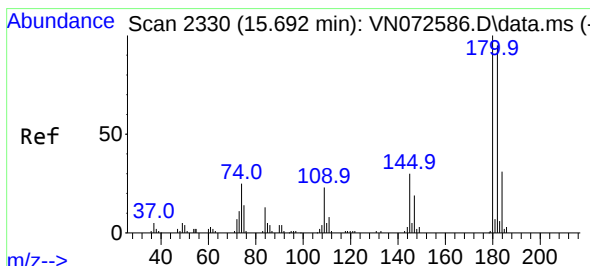
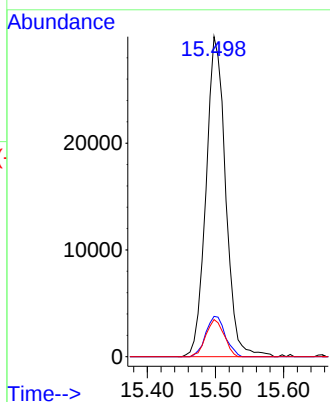
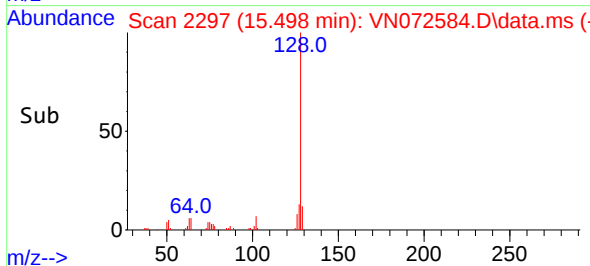
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



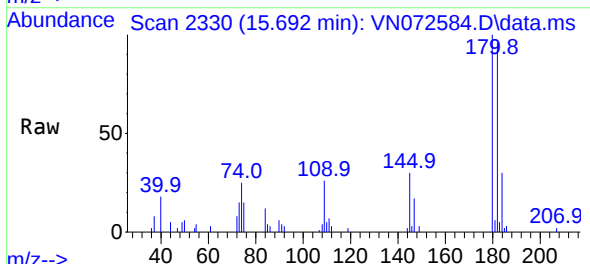
Tgt Ion:128 Resp: 59958
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 10.8 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 12.659 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. 0.000 min
Lab File: VN072584.D
Acq: 24 May 2022 13:27



Tgt Ion:180 Resp: 19585
Ion Ratio Lower Upper
180 100
182 95.4 47.8 143.3
145 30.6 15.5 46.5

