

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
 Data File : VN072585.D
 Acq On : 24 May 2022 13:52
 Operator : JC\MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

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

Quant Time: May 24 14:57:01 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	144623	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	220419	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	203348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	84288	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	30204	14.030	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	28.060%#		
35) Dibromofluoromethane	8.016	113	27385	18.587	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	37.180%#		
50) Toluene-d8	10.433	98	101114	18.071	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	36.140%#		
62) 4-Bromofluorobenzene	12.727	95	31817	15.393	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	30.780%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.063	85	25314	15.434	ug/l	96
3) Chloromethane	2.293	50	31558	20.216	ug/l	98
4) Vinyl Chloride	2.440	62	25167	19.712	ug/l	100
5) Bromomethane	2.828	94	12185	10.932	ug/l	93
6) Chloroethane	2.999	64	16599	12.047	ug/l	89
7) Trichlorofluoromethane	3.363	101	43416	15.393	ug/l	99
8) Diethyl Ether	3.816	74	17432	19.999	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.210	101	26061	18.874	ug/l	99
10) Methyl Iodide	4.416	142	31504	17.940	ug/l	95
11) Tert butyl alcohol	5.357	59	28668	126.707	ug/l	97
12) 1,1-Dichloroethene	4.175	96	23756	19.447	ug/l	93
13) Acrolein	4.034	56	16398	60.040	ug/l	97
14) Allyl chloride	4.834	41	45144	21.803	ug/l	89
15) Acrylonitrile	5.546	53	96118	115.242	ug/l	99
16) Acetone	4.281	43	74464	104.666	ug/l	93
17) Carbon Disulfide	4.522	76	59850	19.061	ug/l	98
18) Methyl Acetate	4.851	43	43361	20.113	ug/l	93
19) Methyl tert-butyl Ether	5.610	73	86710	17.787	ug/l	95
20) Methylene Chloride	5.093	84	31688	19.142	ug/l	98
21) trans-1,2-Dichloroethene	5.587	96	26387	19.609	ug/l	91
22) Diisopropyl ether	6.487	45	97813	21.393	ug/l	97
23) Vinyl Acetate	6.422	43	415851	105.573	ug/l	97
24) 1,1-Dichloroethane	6.381	63	51607	18.880	ug/l	97
25) 2-Butanone	7.328	43	130936	115.783	ug/l	100
26) 2,2-Dichloropropane	7.316	77	39969	16.175	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	32494	19.349	ug/l	99
28) Bromochloromethane	7.657	49	20649	18.658	ug/l	97
29) Tetrahydrofuran	7.681	42	86193	126.012	ug/l	93
30) Chloroform	7.816	83	53440	17.281	ug/l	99
31) Cyclohexane	8.087	56	48052	18.784	ug/l	93
32) 1,1,1-Trichloroethane	8.010	97	45145	16.096	ug/l	99
36) 1,1-Dichloropropene	8.216	75	38913	19.037	ug/l	99
37) Ethyl Acetate	7.404	43	51685	22.163	ug/l	97
38) Carbon Tetrachloride	8.198	117	40655	16.314	ug/l	97
39) Methylcyclohexane	9.451	83	47542	19.515	ug/l	96
40) Benzene	8.457	78	124409	20.478	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	23974	21.179	ug/l	93
42) 1,2-Dichloroethane	8.528	62	41031	15.153	ug/l	100
43) Isopropyl Acetate	8.557	43	72357	19.720	ug/l	99
44) Trichloroethene	9.210	130	31824	19.231	ug/l	96
45) 1,2-Dichloropropane	9.486	63	32564	21.465	ug/l	99
46) Dibromomethane	9.569	93	20969	18.664	ug/l	96
47) Bromodichloromethane	9.757	83	42727	18.542	ug/l	98
48) Methyl methacrylate	9.557	41	35544	20.297	ug/l	94
49) 1,4-Dioxane	9.563	88	14426	758.414	ug/l	96
51) 4-Methyl-2-Pentanone	10.328	43	258278	107.050	ug/l	97
52) Toluene	10.498	92	81417	20.923	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	43825	17.841	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	49640	20.106	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	34115	20.183	ug/l	98
56) Ethyl methacrylate	10.757	69	51932	20.584	ug/l	95
57) 1,3-Dichloropropane	11.039	76	56309	19.808	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	104951	150.155	ug/l	96
59) 2-Hexanone	11.080	43	188937	112.390	ug/l	97
60) Dibromochloromethane	11.233	129	35169	18.392	ug/l	99
61) 1,2-Dibromoethane	11.339	107	34621	19.787	ug/l	97
64) Tetrachloroethene	10.975	164	29709	20.460	ug/l	99
65) Chlorobenzene	11.763	112	85774	20.252	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	33327	19.588	ug/l	98
67) Ethyl Benzene	11.839	91	150474	20.465	ug/l	98
68) m/p-Xylenes	11.951	106	116335	41.285	ug/l	99
69) o-Xylene	12.275	106	57626	20.123	ug/l	99
70) Styrene	12.286	104	91324	20.708	ug/l	99
71) Bromoform	12.457	173	27497	20.739	ug/l #	97
73) Isopropylbenzene	12.574	105	146747	20.782	ug/l	100
74) N-amyl acetate	12.380	43	55713	22.929	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.822	83	51197	23.085	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	43187m	17.443	ug/l	
77) Bromobenzene	12.857	156	35572	19.476	ug/l	98
78) n-propylbenzene	12.916	91	161409	20.860	ug/l	100
79) 2-Chlorotoluene	13.004	91	97388	19.113	ug/l	99
80) 1,3,5-Trimethylbenzene	13.051	105	117062	19.525	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.616	75	14459	22.272	ug/l	97
82) 4-Chlorotoluene	13.098	91	92211	19.368	ug/l	98
83) tert-Butylbenzene	13.316	119	106730	20.389	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	114452	19.589	ug/l	100
85) sec-Butylbenzene	13.498	105	143792	21.048	ug/l	99
86) p-Isopropyltoluene	13.610	119	113918	20.410	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	59911	20.055	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	57465	19.840	ug/l	97
89) n-Butylbenzene	13.939	91	87275	20.618	ug/l	98
90) Hexachloroethane	14.204	117	21818	21.870	ug/l	96
91) 1,2-Dichlorobenzene	13.980	146	59643	20.106	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.598	75	9370	21.154	ug/l	98
93) 1,2,4-Trichlorobenzene	15.257	180	31394	23.708	ug/l	98
94) Hexachlorobutadiene	15.363	225	17936	21.801	ug/l	99
95) Naphthalene	15.498	128	104287	26.426	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	33310	24.278	ug/l	100

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

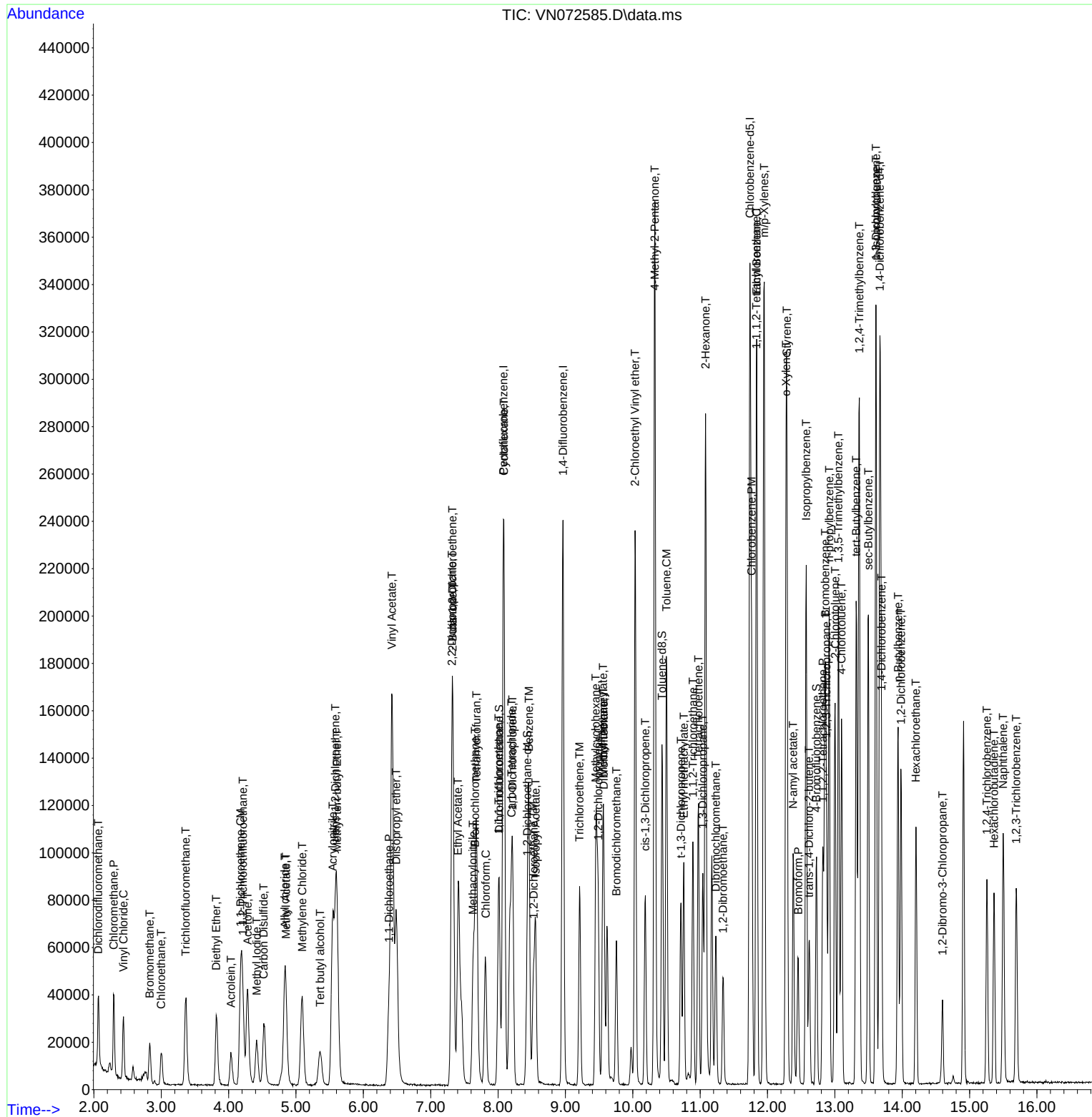
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
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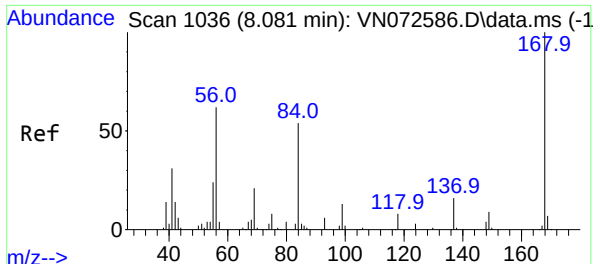
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

Instrument :

MSVOA_N

ClientSampleId :

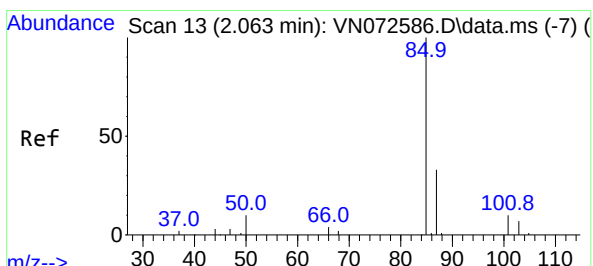
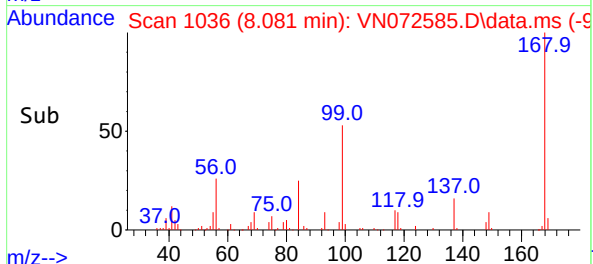
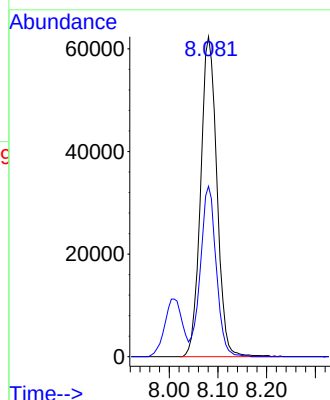
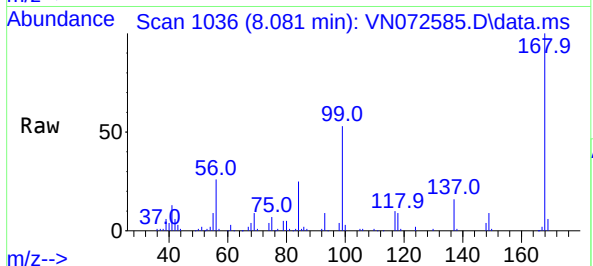
VSTDICC020

Tgt Ion:168 Resp: 14462
Ion Ratio Lower Upper
168 100
99 53.0 42.3 63.5

Manual Integrations

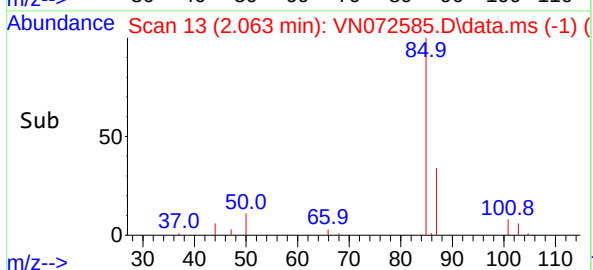
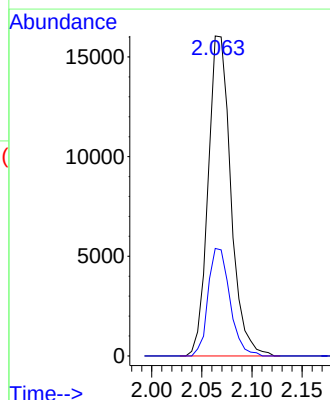
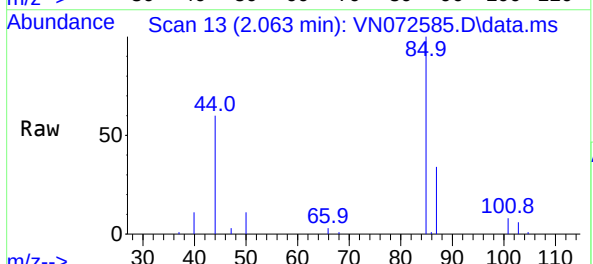
APPROVED

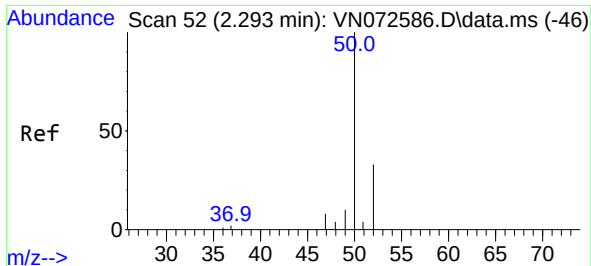
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#2
Dichlorodifluoromethane
Concen: 15.434 ug/l
RT: 2.063 min Scan# 13
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

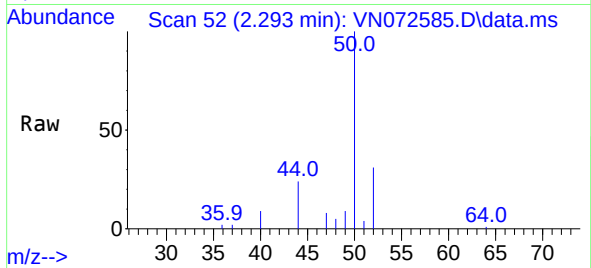
Tgt Ion: 85 Resp: 25314
Ion Ratio Lower Upper
85 100
87 33.6 15.7 47.1





#3
Chloromethane
Concen: 20.216 ug/l
RT: 2.293 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

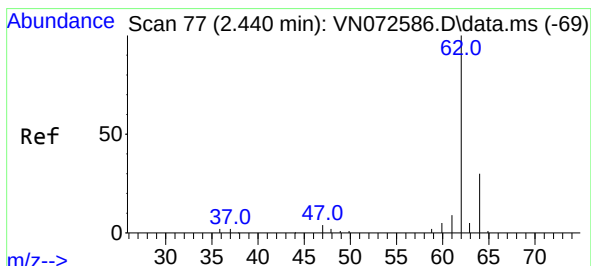
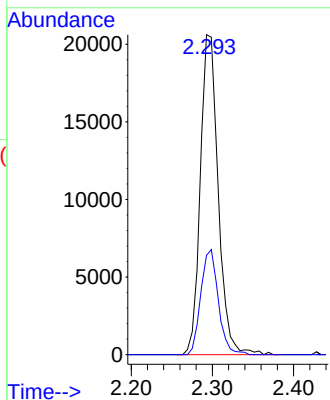
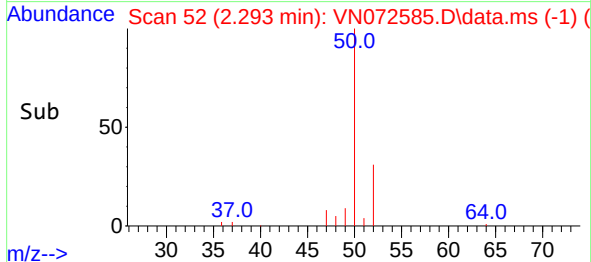
Instrument :
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VSTDICC020



Tgt Ion: 50 Resp: 31558
Ion Ratio Lower Upper
50 100
52 31.1 25.7 38.5

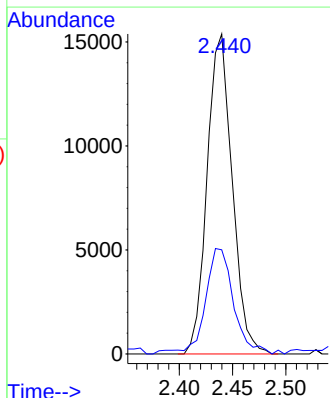
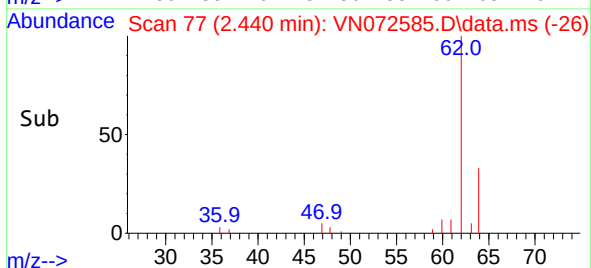
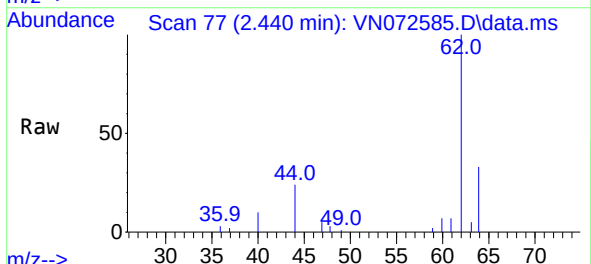
Manual Integrations
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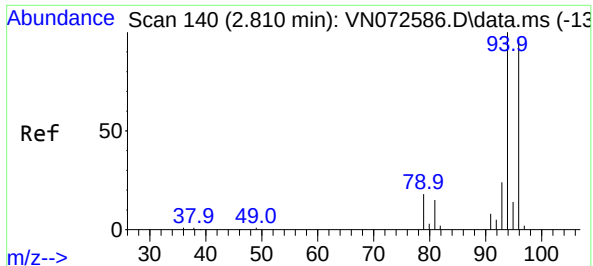
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#4
Vinyl Chloride
Concen: 19.712 ug/l
RT: 2.440 min Scan# 77
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

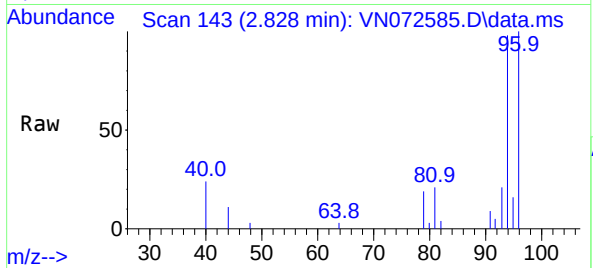
Tgt Ion: 62 Resp: 25167
Ion Ratio Lower Upper
62 100
64 31.3 25.0 37.4





#5
Bromomethane
Concen: 10.932 ug/l
RT: 2.828 min Scan# 141
Delta R.T. 0.018 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

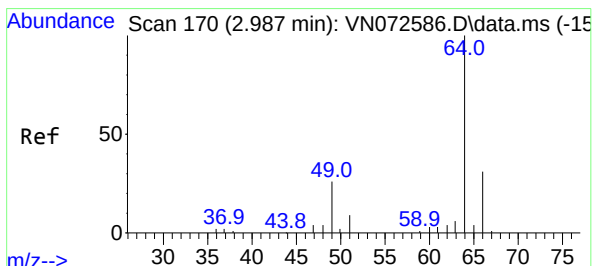
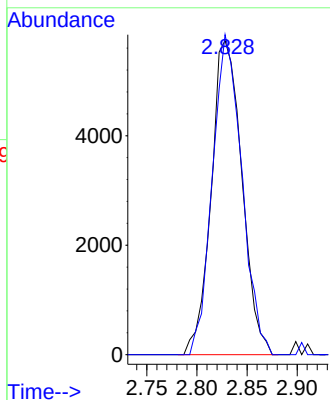
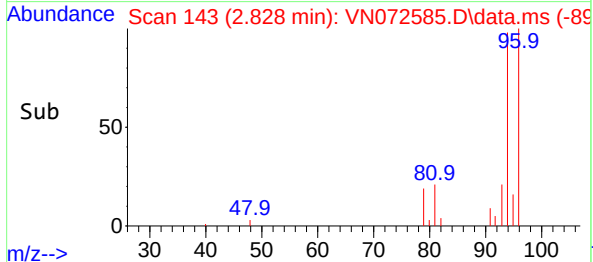
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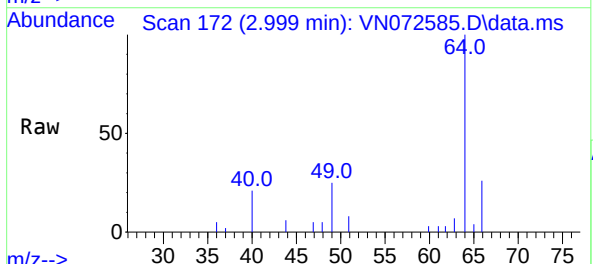
Tgt Ion: 94 Resp: 1218
Ion Ratio Lower Upper
94 100
96 101.9 76.0 114.0

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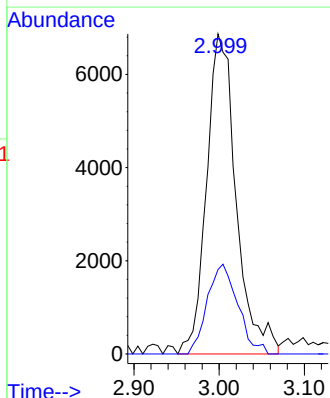
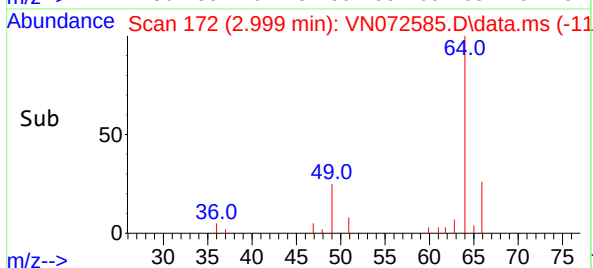
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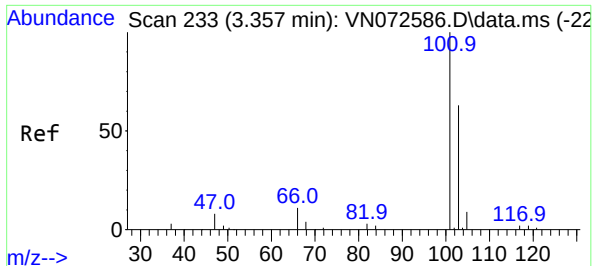


#6
Chloroethane
Concen: 12.047 ug/l
RT: 2.999 min Scan# 172
Delta R.T. 0.012 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52



Tgt Ion: 64 Resp: 16599
Ion Ratio Lower Upper
64 100
66 26.4 26.2 39.4





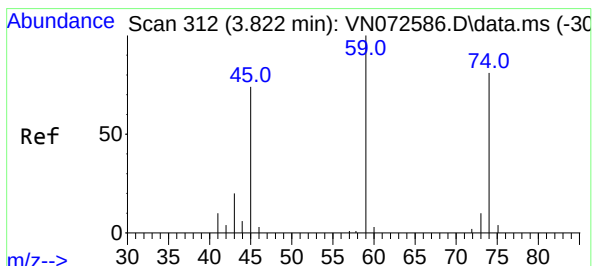
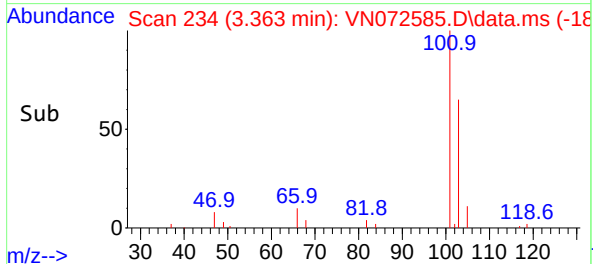
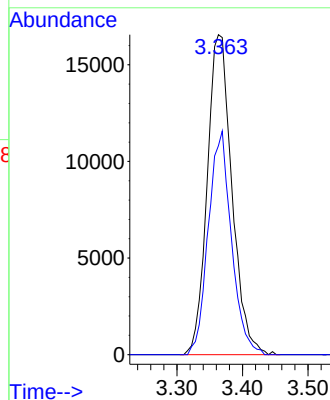
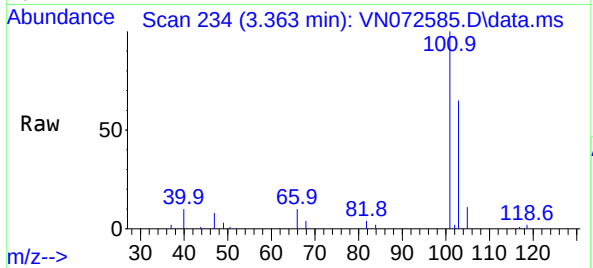
#7
Trichlorofluoromethane
Concen: 15.393 ug/l
RT: 3.363 min Scan# 211
Delta R.T. 0.006 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 43410
Ion Ratio Lower Upper
101 100
103 65.3 51.5 77.3

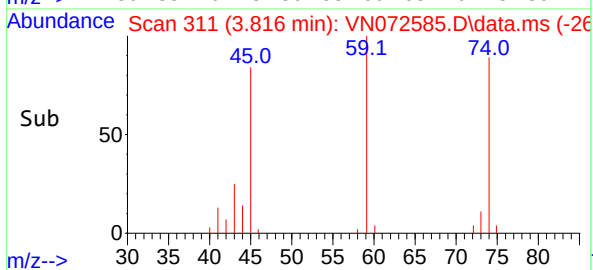
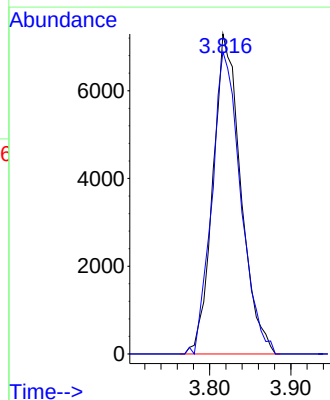
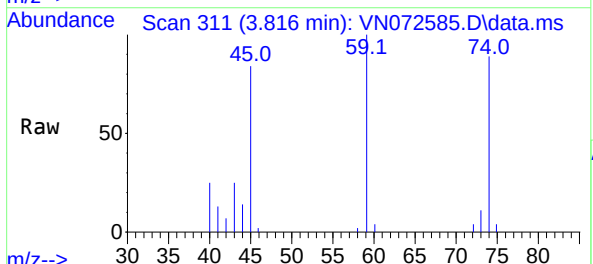
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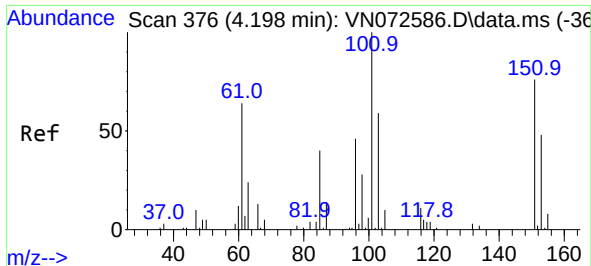
Reviewed By :John Carlone 05/25/2022
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#8
Diethyl Ether
Concen: 19.999 ug/l
RT: 3.816 min Scan# 311
Delta R.T. -0.006 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

Tgt Ion: 74 Resp: 17432
Ion Ratio Lower Upper
74 100
45 97.3 42.9 128.5





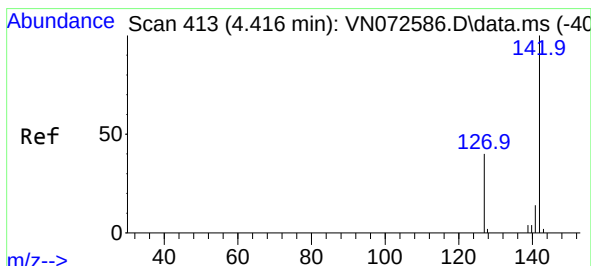
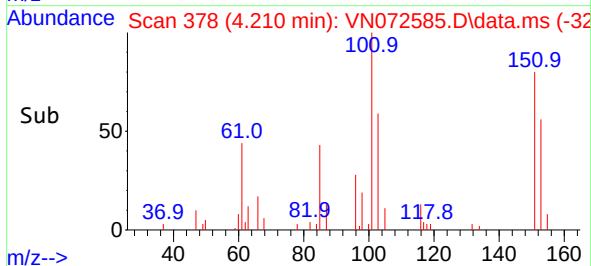
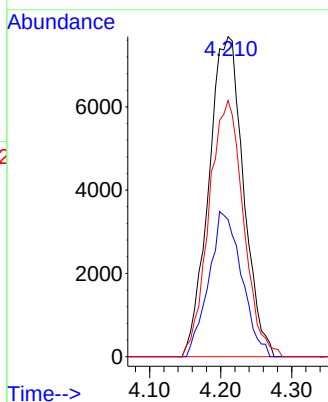
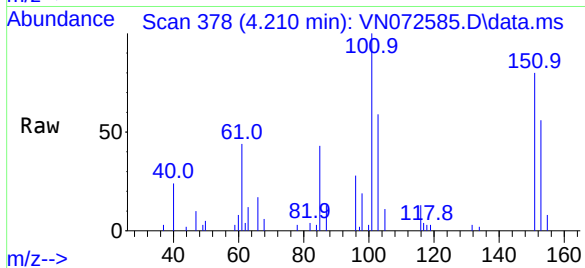
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.874 ug/l
RT: 4.210 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 2606
Ion Ratio Lower Upper
101 100
85 42.9 34.7 52.1
151 79.5 63.0 94.4

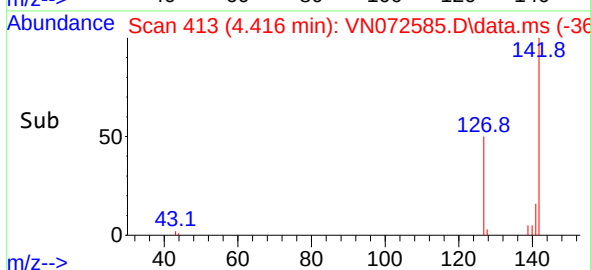
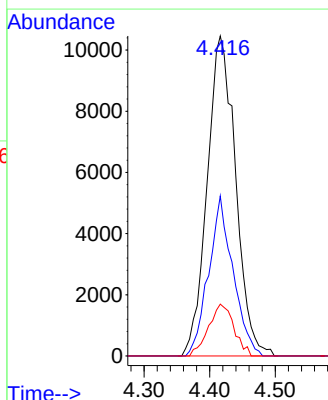
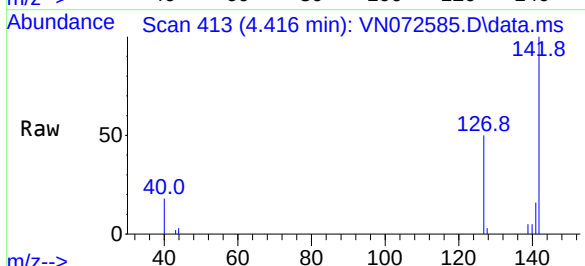
Manual Integrations
APPROVED

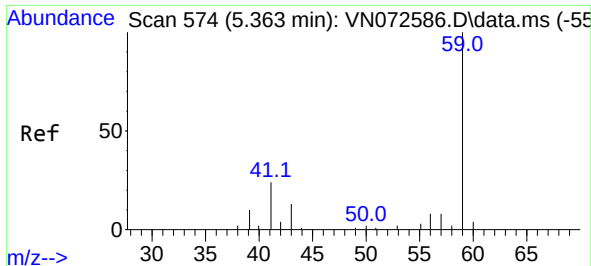
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#10
Methyl Iodide
Concen: 17.940 ug/l
RT: 4.416 min Scan# 413
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

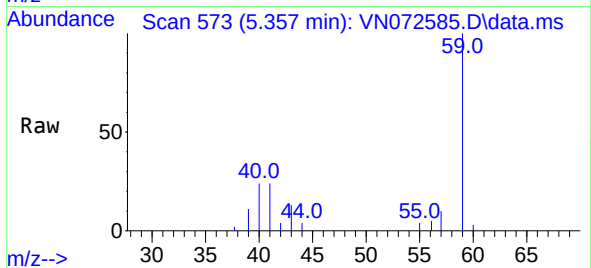
Tgt Ion:142 Resp: 31504
Ion Ratio Lower Upper
142 100
127 42.9 31.3 46.9
141 14.4 11.2 16.8





#11
Tert butyl alcohol
Concen: 126.707 ug/l
RT: 5.357 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

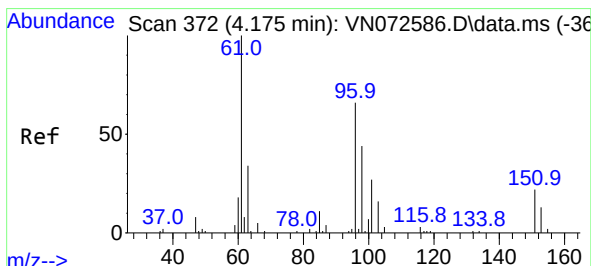
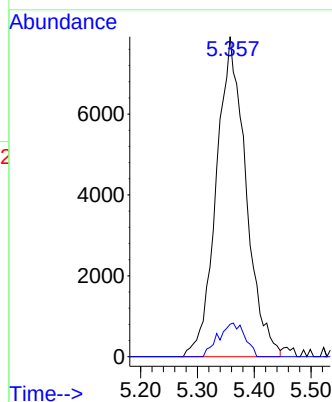
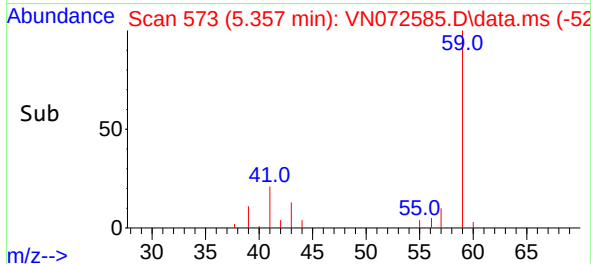
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



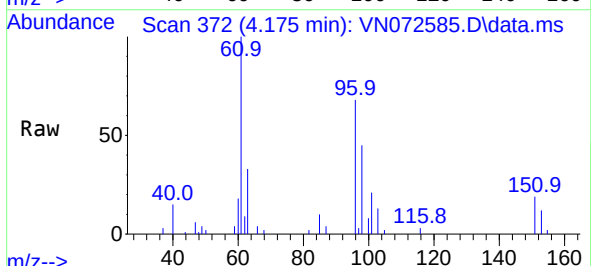
Tgt Ion: 59 Resp: 2866
Ion Ratio Lower Upper
59 100
57 9.4 8.3 12.5

Manual Integrations
APPROVED

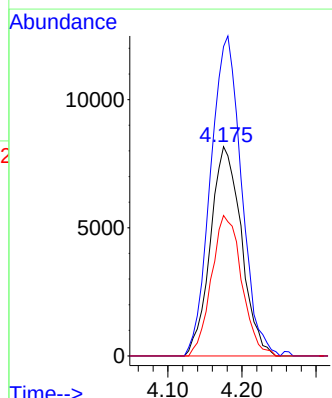
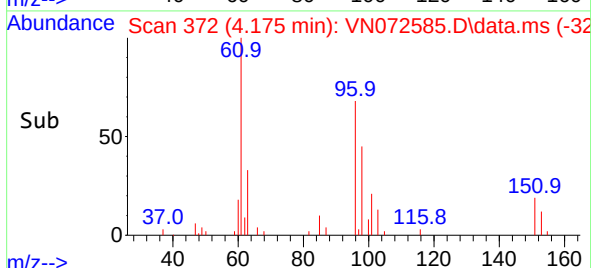
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

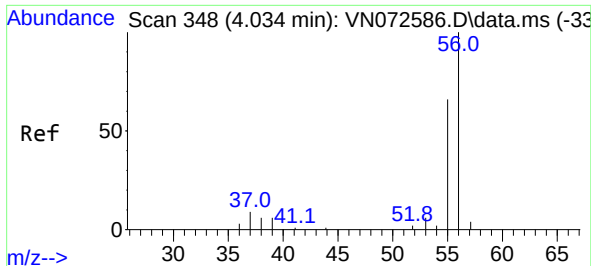


#12
1,1-Dichloroethene
Concen: 19.447 ug/l
RT: 4.175 min Scan# 372
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52



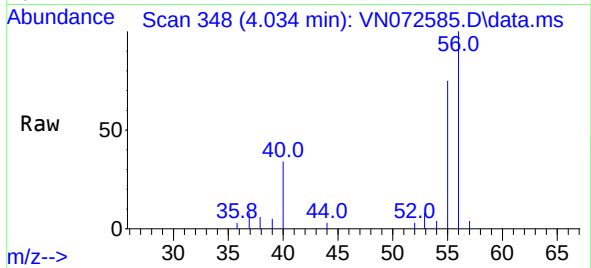
Tgt Ion: 96 Resp: 23756
Ion Ratio Lower Upper
96 100
61 147.8 127.6 191.4
98 67.1 51.2 76.8





#13
Acrolein
Concen: 60.040 ug/l
RT: 4.034 min Scan# 348
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

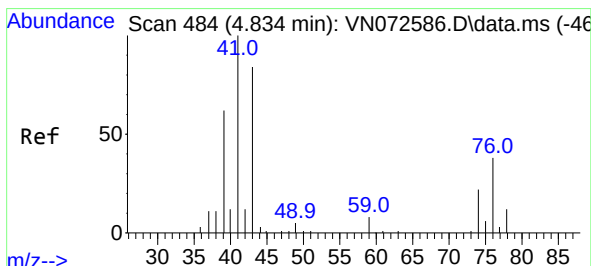
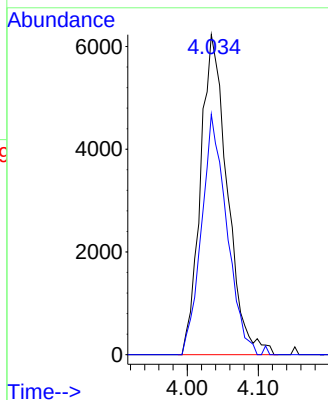
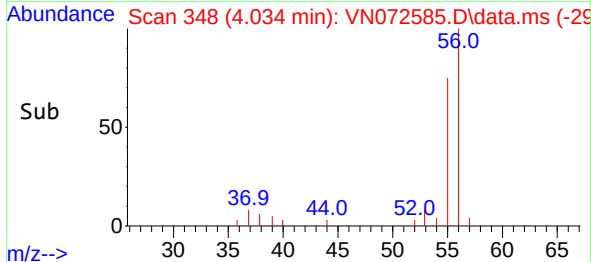
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



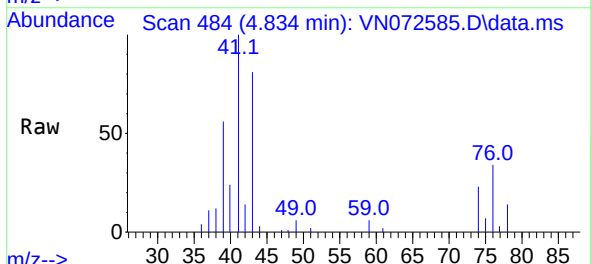
Tgt Ion: 56 Resp: 16398
Ion Ratio Lower Upper
56 100
55 70.7 54.8 82.2

Manual Integrations
APPROVED

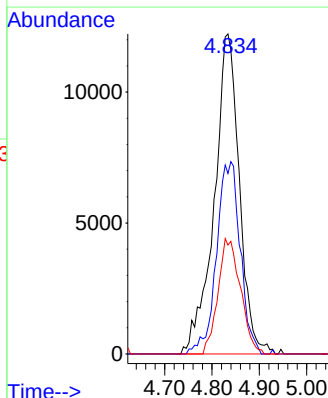
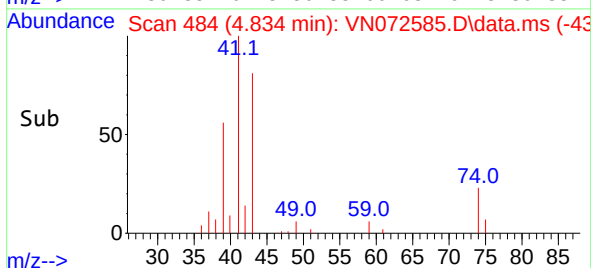
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

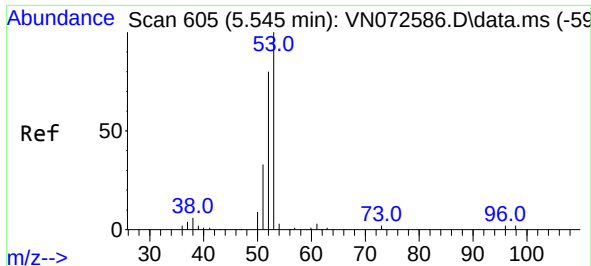


#14
Allyl chloride
Concen: 21.803 ug/l
RT: 4.834 min Scan# 484
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52



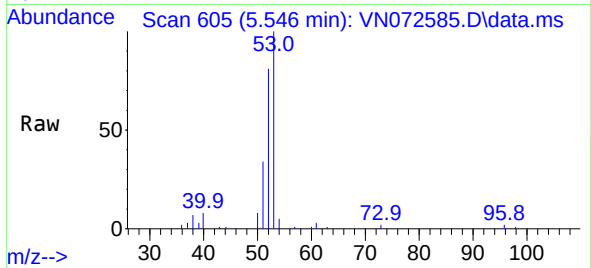
Tgt Ion: 41 Resp: 45144
Ion Ratio Lower Upper
41 100
39 56.5 53.2 79.8
76 32.1 29.9 44.9





#15
Acrylonitrile
Concen: 115.242 ug/l
RT: 5.546 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

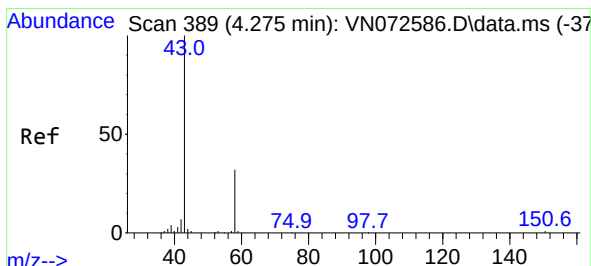
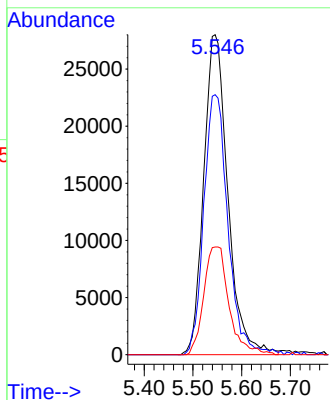
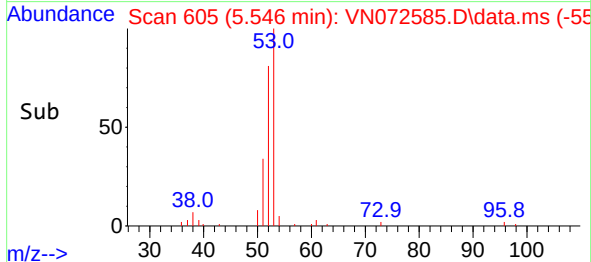
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 96118
Ion Ratio Lower Upper
53 100
52 81.6 66.4 99.6
51 35.2 28.5 42.7

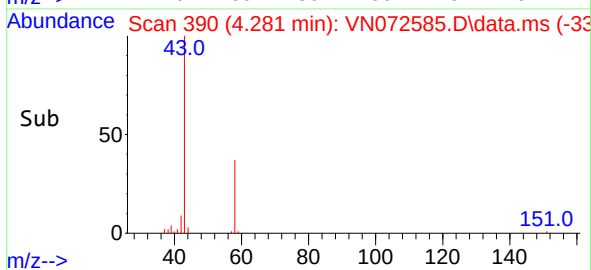
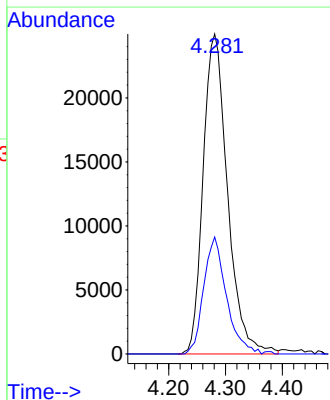
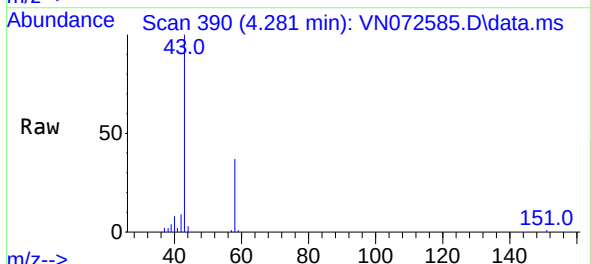
Manual Integrations
APPROVED

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

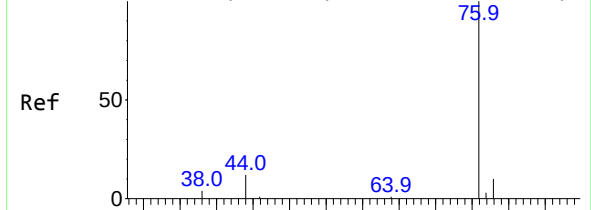


#16
Acetone
Concen: 104.666 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

Tgt Ion: 43 Resp: 74464
Ion Ratio Lower Upper
43 100
58 36.6 26.0 39.0



Abundance Scan 431 (4.522 min): VN072586.D\data.ms (-41



#17

Carbon Disulfide

Concen: 19.061 ug/l

RT: 4.522 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN072585.D

Acq: 24 May 2022 13:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 76 Resp: 59850

Ion Ratio Lower Upper

76 100

78 8.3 7.2 10.8

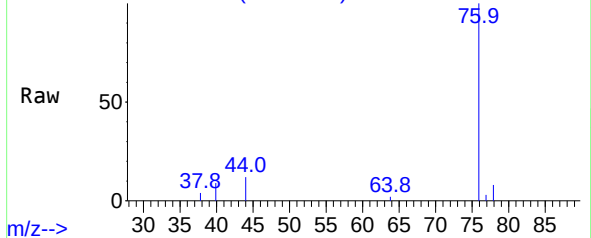
Manual Integrations

APPROVED

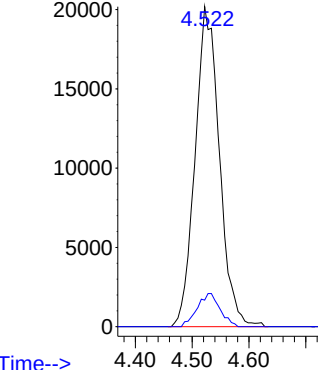
Reviewed By :John Carlone 05/25/2022

Supervised By :Mahesh Dadoda 05/25/2022

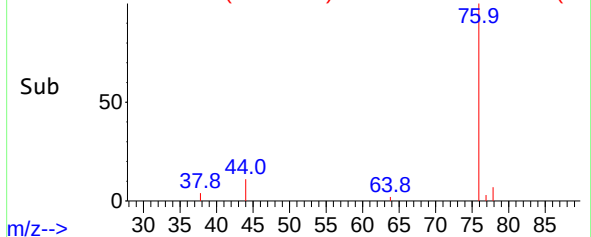
Abundance Scan 431 (4.522 min): VN072585.D\data.ms



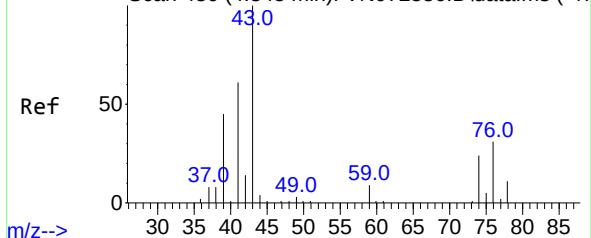
Abundance



Abundance Scan 431 (4.522 min): VN072585.D\data.ms (-38



Abundance Scan 486 (4.845 min): VN072586.D\data.ms (-47



#18

Methyl Acetate

Concen: 20.113 ug/l

RT: 4.851 min Scan# 487

Delta R.T. 0.006 min

Lab File: VN072585.D

Acq: 24 May 2022 13:52

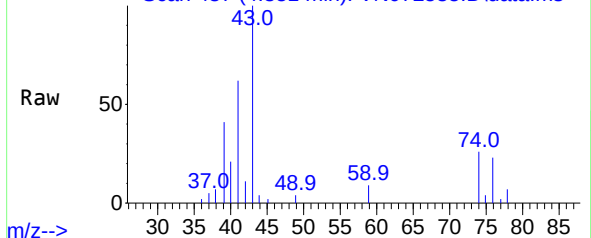
Tgt Ion: 43 Resp: 43361

Ion Ratio Lower Upper

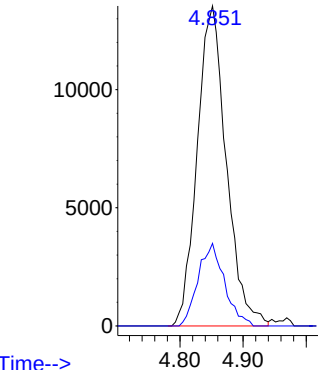
43 100

74 23.4 21.6 32.4

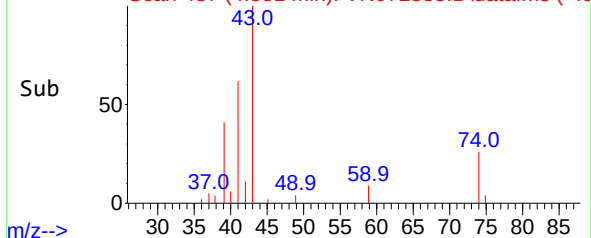
Abundance Scan 487 (4.851 min): VN072585.D\data.ms

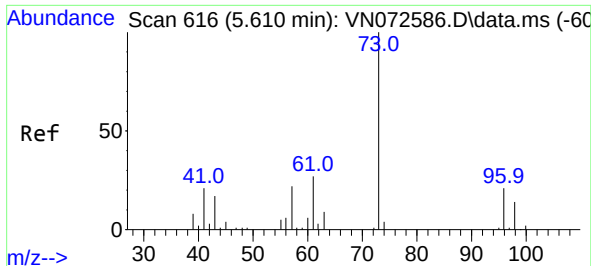


Abundance



Abundance Scan 487 (4.851 min): VN072585.D\data.ms (-43





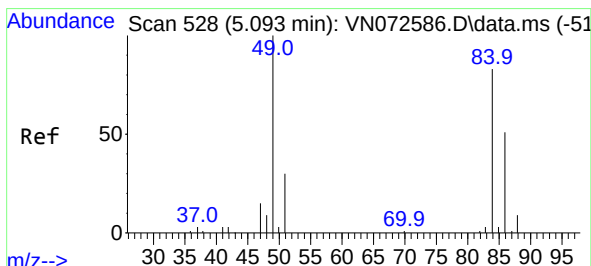
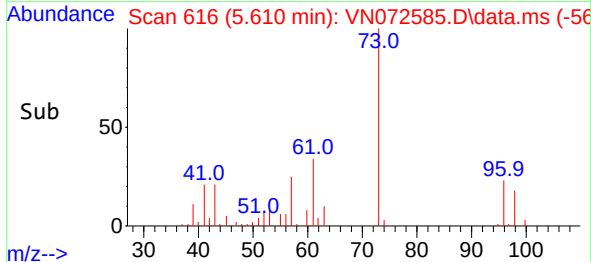
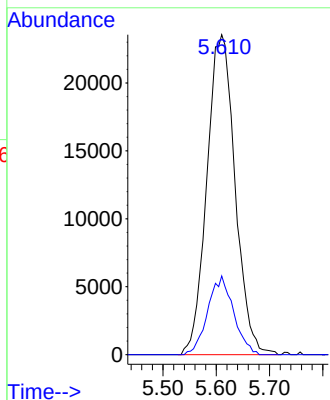
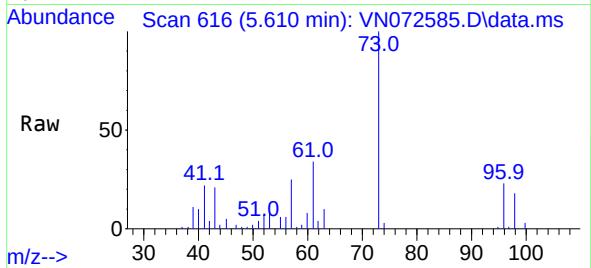
#19
Methyl tert-butyl Ether
Concen: 17.787 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 86710
Ion Ratio Lower Upper
73 100
57 24.6 17.6 26.4

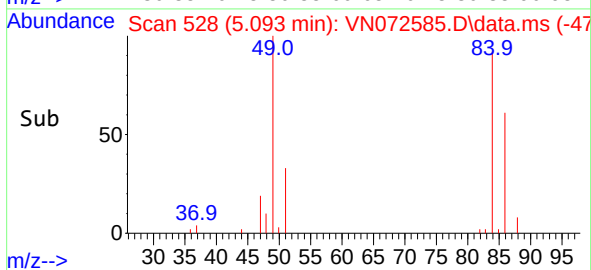
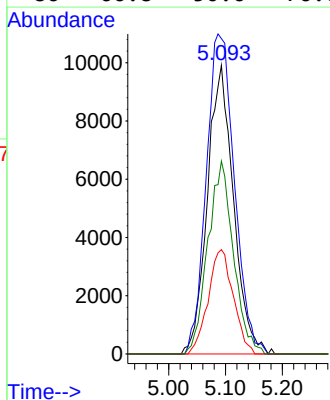
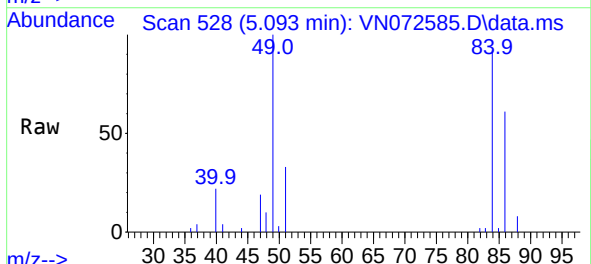
Manual Integrations
APPROVED

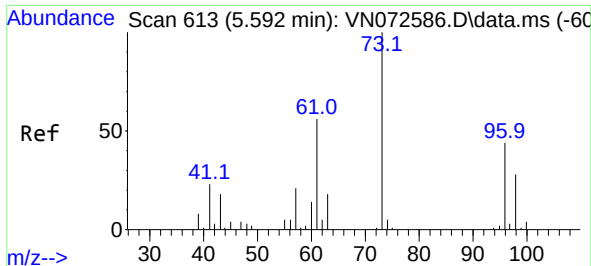
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#20
Methylene Chloride
Concen: 19.142 ug/l
RT: 5.093 min Scan# 528
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

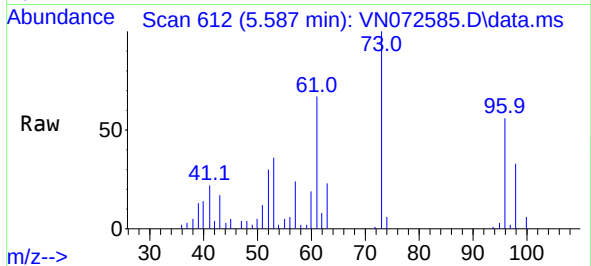
Tgt Ion: 84 Resp: 31688
Ion Ratio Lower Upper
84 100
49 109.3 88.3 132.5
51 36.2 28.2 42.2
86 66.8 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 19.609 ug/l
RT: 5.587 min Scan# 613
Delta R.T. -0.006 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

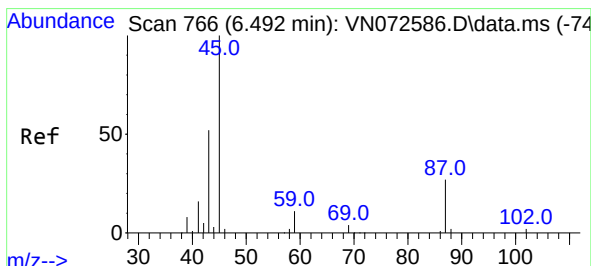
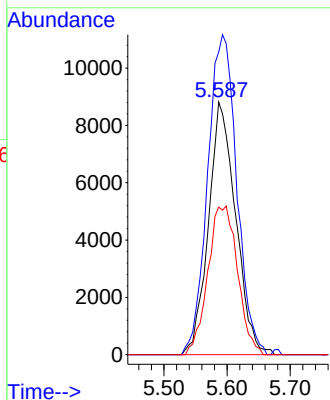
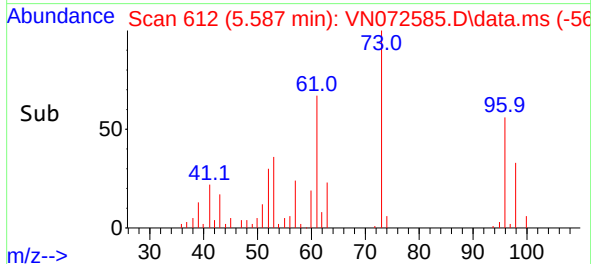
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



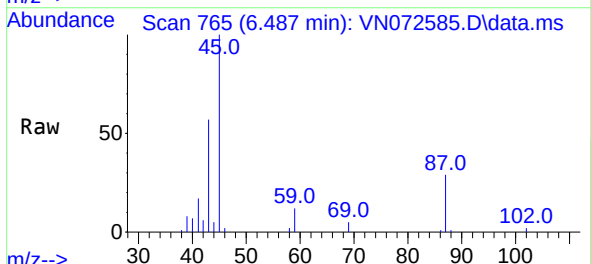
Tgt Ion: 96 Resp: 2638
Ion Ratio Lower Upper
96 100
61 119.8 105.8 158.8
98 58.4 50.3 75.5

Manual Integrations
APPROVED

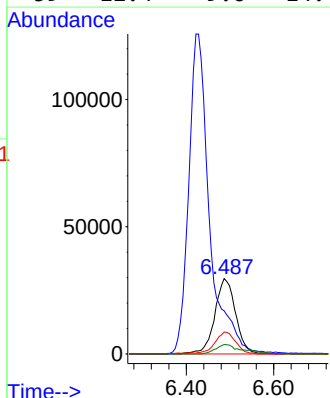
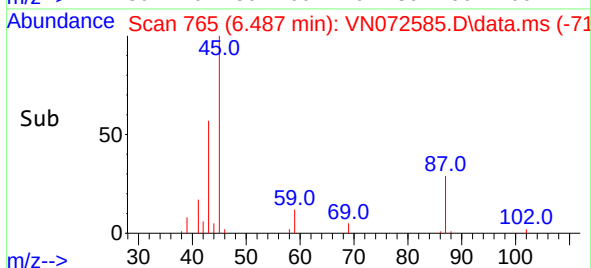
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

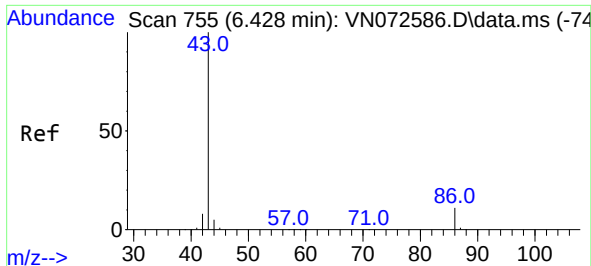


#22
Diisopropyl ether
Concen: 21.393 ug/l
RT: 6.487 min Scan# 765
Delta R.T. -0.006 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52



Tgt Ion: 45 Resp: 97813
Ion Ratio Lower Upper
45 100
43 55.5 46.6 70.0
87 29.0 24.3 36.5
59 12.4 9.6 14.4





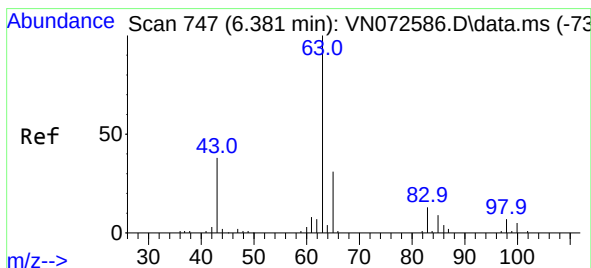
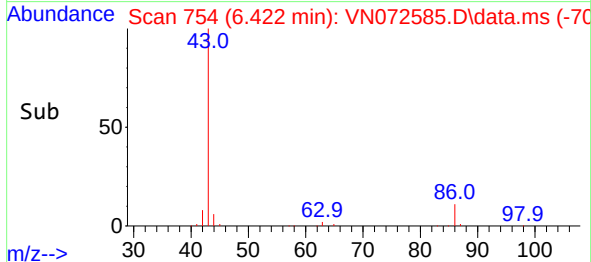
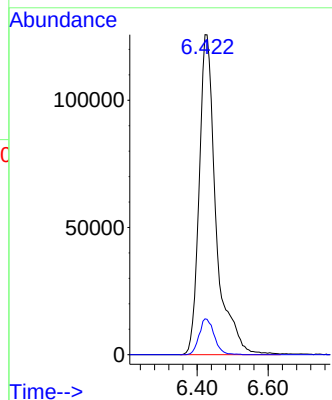
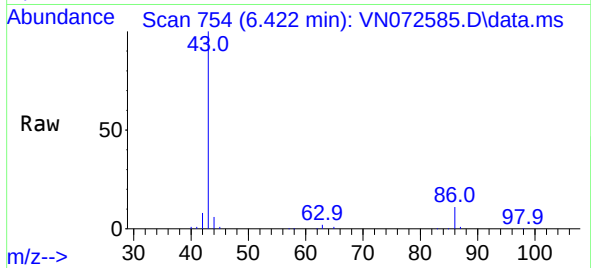
#23
 Vinyl Acetate
 Concen: 105.573 ug/l
 RT: 6.422 min Scan# 754
 Delta R.T. -0.006 min
 Lab File: VN072585.D
 Acq: 24 May 2022 13:52

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Tgt Ion: 43 Resp: 41585
 Ion Ratio Lower Upper
 43 100
 86 11.2 10.0 15.0

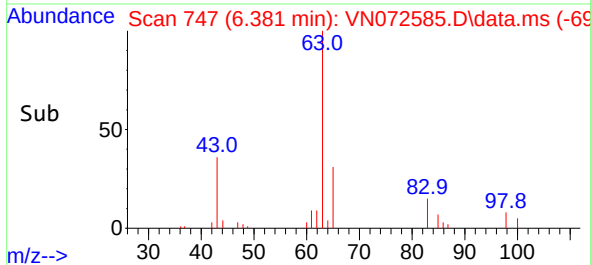
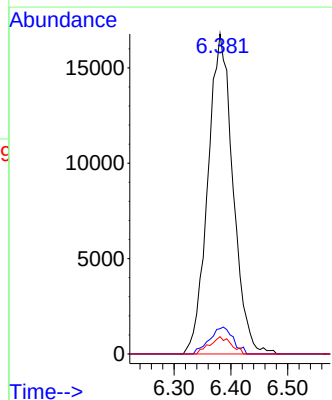
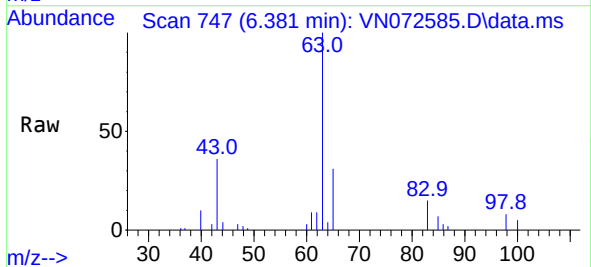
Manual Integrations
 APPROVED

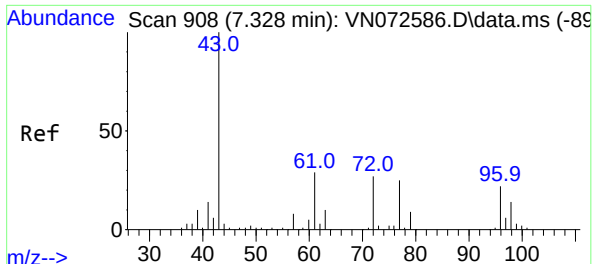
Reviewed By :John Carlone 05/25/2022
 Supervised By :Mahesh Dadoda 05/25/2022



#24
 1,1-Dichloroethane
 Concen: 18.880 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. 0.000 min
 Lab File: VN072585.D
 Acq: 24 May 2022 13:52

Tgt Ion: 63 Resp: 51607
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.5 10.4
 100 5.4 2.3 6.8





#25

2-Butanone

Concen: 115.783 ug/l

RT: 7.328 min Scan# 908

Delta R.T. 0.000 min

Lab File: VN072585.D

Acq: 24 May 2022 13:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 130930

Ion Ratio Lower Upper

43 100

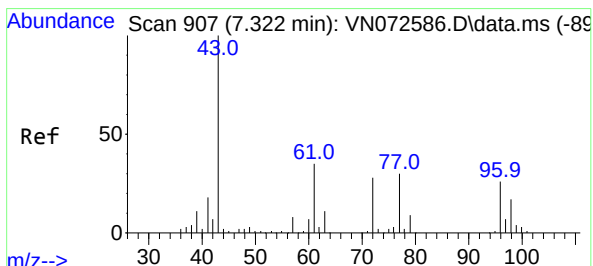
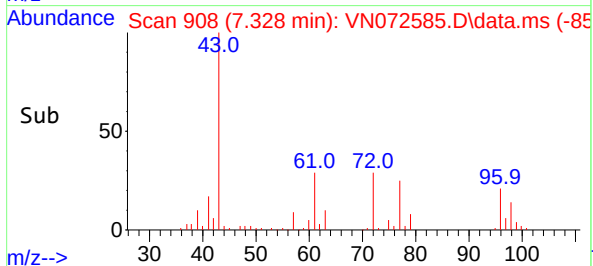
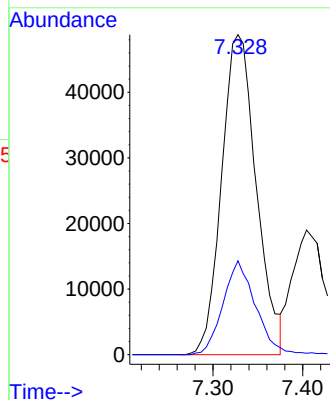
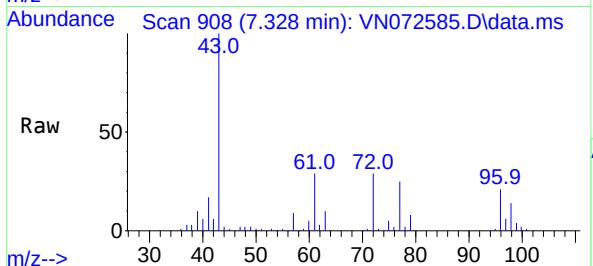
72 29.3 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2022

Supervised By :Mahesh Dadoda 05/25/2022



#26

2,2-Dichloropropane

Concen: 16.175 ug/l

RT: 7.316 min Scan# 906

Delta R.T. -0.006 min

Lab File: VN072585.D

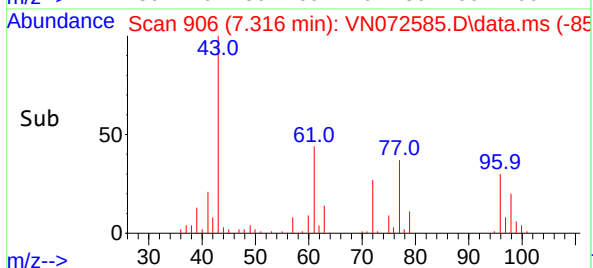
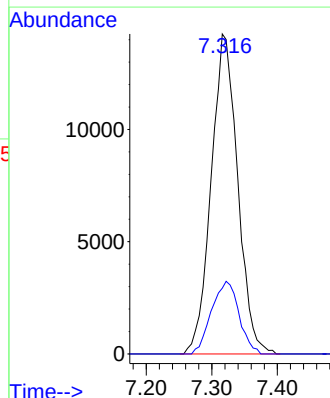
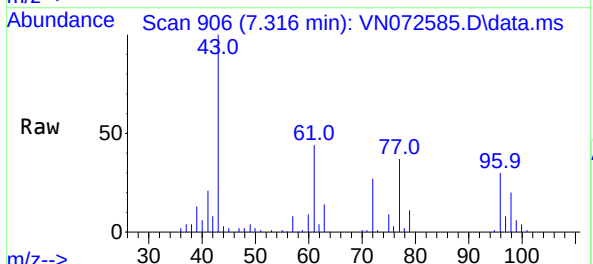
Acq: 24 May 2022 13:52

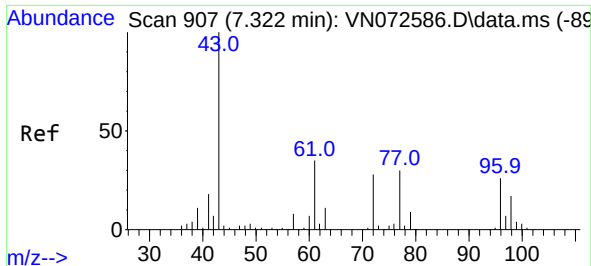
Tgt Ion: 77 Resp: 39969

Ion Ratio Lower Upper

77 100

97 23.5 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 19.349 ug/l

RT: 7.322 min Scan# 907

Delta R.T. 0.000 min

Lab File: VN072585.D

Acq: 24 May 2022 13:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC020

Tgt Ion: 96 Resp: 32494

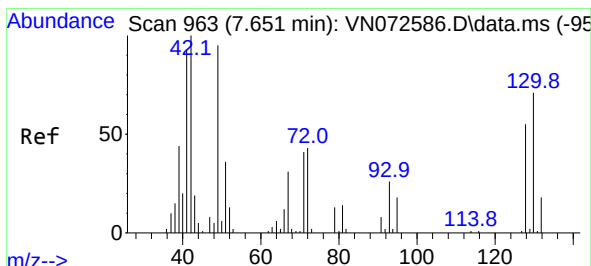
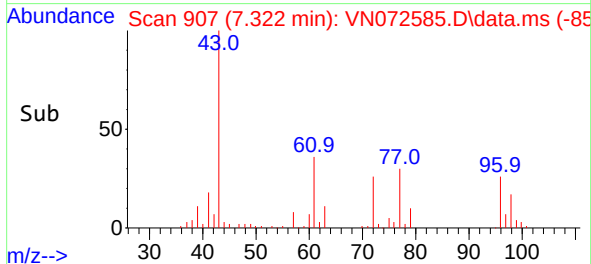
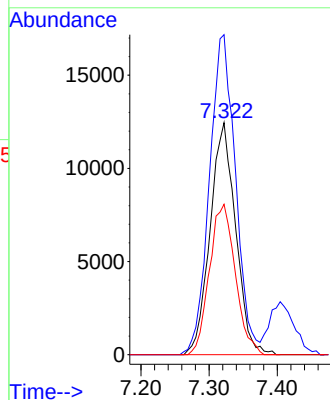
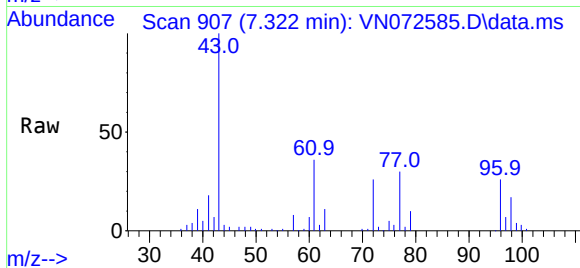
Ion	Ratio	Lower	Upper
96	100		
61	140.7	0.0	280.6
98	65.6	0.0	128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2022

Supervised By :Mahesh Dadoda 05/25/2022



#28

Bromochloromethane

Concen: 18.658 ug/l

RT: 7.657 min Scan# 964

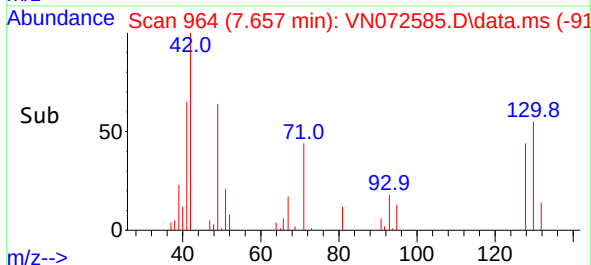
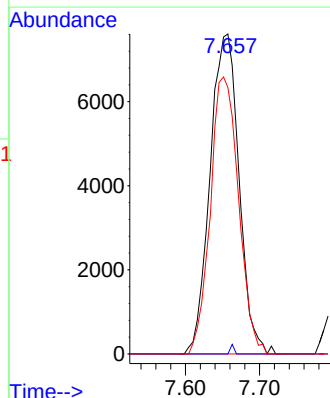
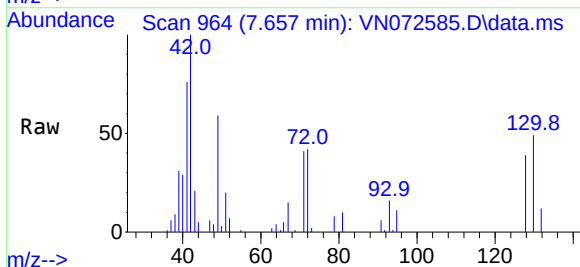
Delta R.T. 0.006 min

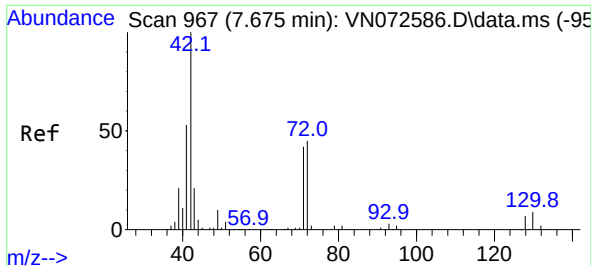
Lab File: VN072585.D

Acq: 24 May 2022 13:52

Tgt Ion: 49 Resp: 20649

Ion	Ratio	Lower	Upper
49	100		
129	0.4	0.0	4.6
130	84.2	69.7	104.5





#29

Tetrahydrofuran

Concen: 126.012 ug/l

RT: 7.681 min Scan# 90

Delta R.T. 0.006 min

Lab File: VN072585.D

Acq: 24 May 2022 13:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 42 Resp: 8619

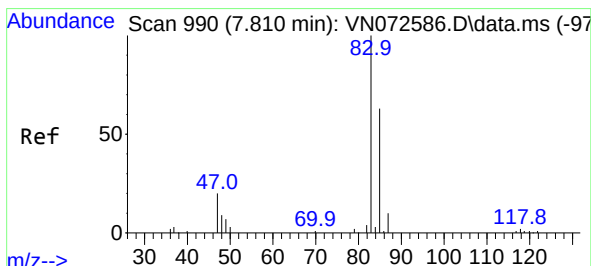
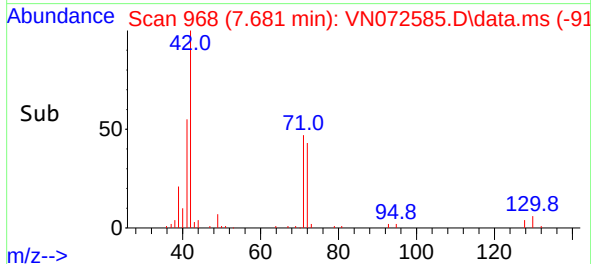
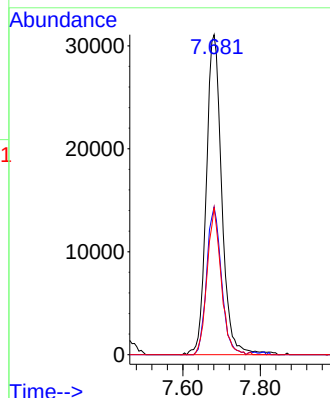
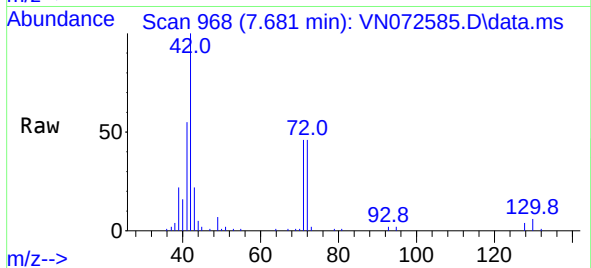
Ion	Ratio	Lower	Upper
42	100		
72	43.8	39.7	59.5
71	41.6	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2022

Supervised By :Mahesh Dadoda 05/25/2022



#30

Chloroform

Concen: 17.281 ug/l

RT: 7.816 min Scan# 991

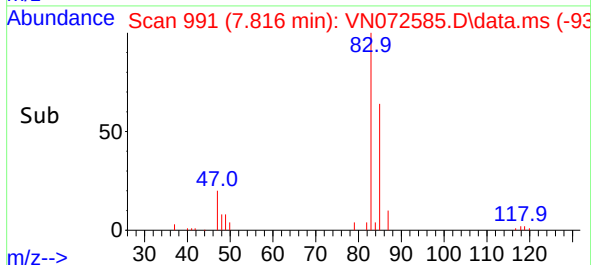
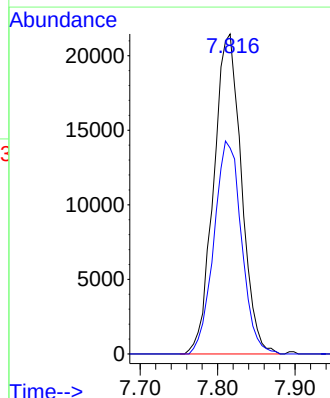
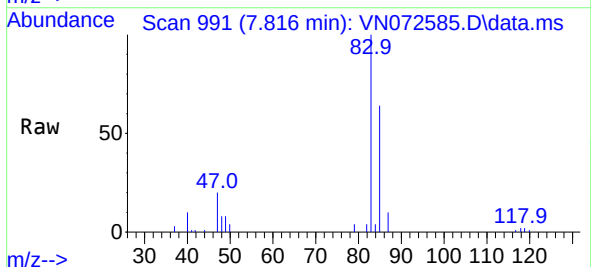
Delta R.T. 0.006 min

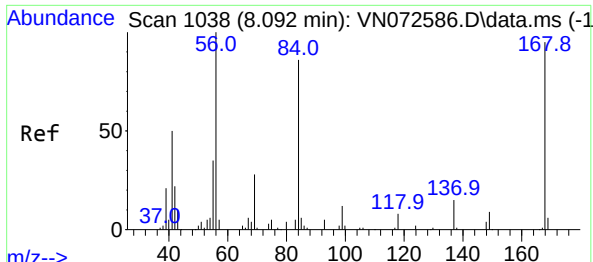
Lab File: VN072585.D

Acq: 24 May 2022 13:52

Tgt Ion: 83 Resp: 53440

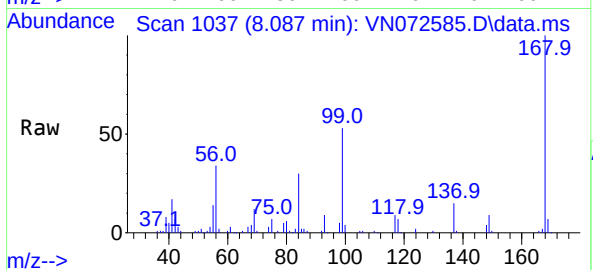
Ion	Ratio	Lower	Upper
83	100		
85	64.4	51.8	77.8





#31
Cyclohexane
Concen: 18.784 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

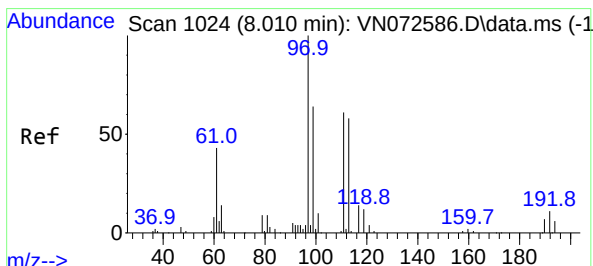
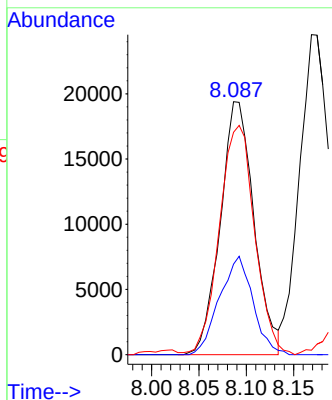
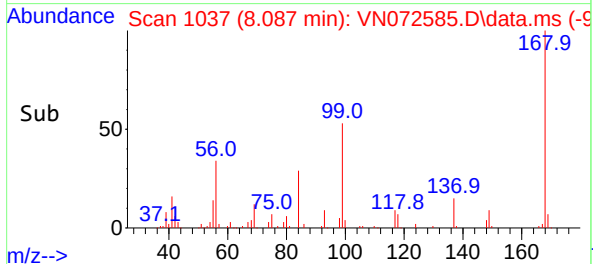
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



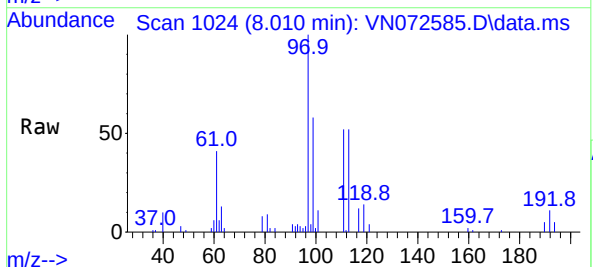
Tgt Ion: 56 Resp: 4805
Ion Ratio Lower Upper
56 100
69 35.8 27.8 41.8
84 87.1 76.9 115.3

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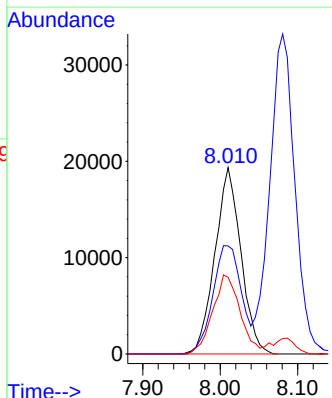
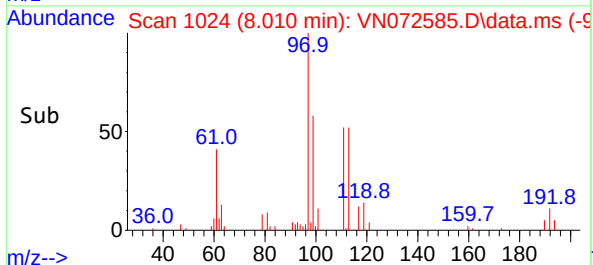
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

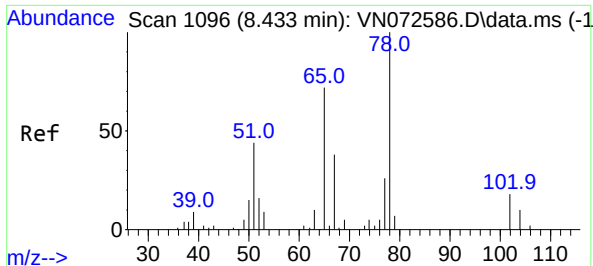


#32
1,1,1-Trichloroethane
Concen: 16.096 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52



Tgt Ion: 97 Resp: 45145
Ion Ratio Lower Upper
97 100
99 63.7 50.6 76.0
61 44.4 36.0 54.0





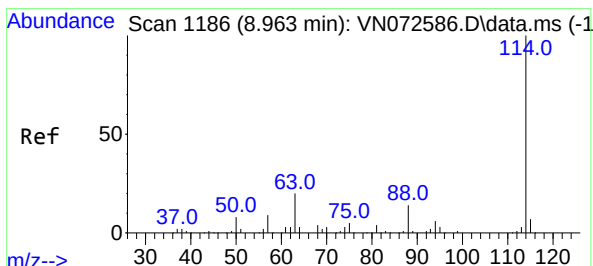
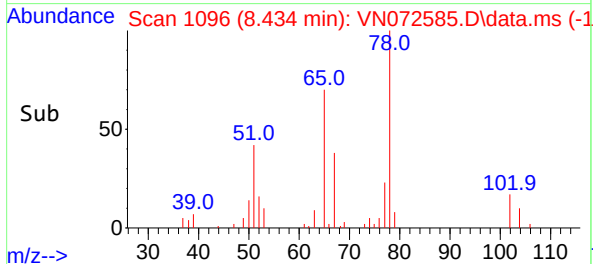
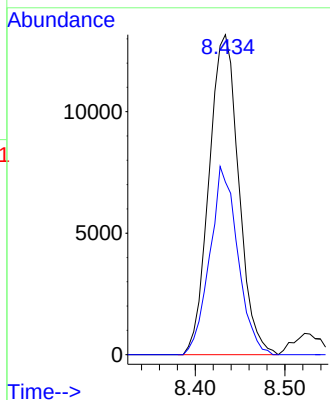
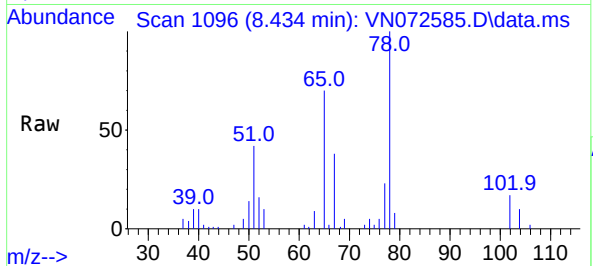
#33
1,2-Dichloroethane-d4
Concen: 14.030 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 65 Resp: 30204
Ion Ratio Lower Upper
65 100
67 55.5 0.0 104.8

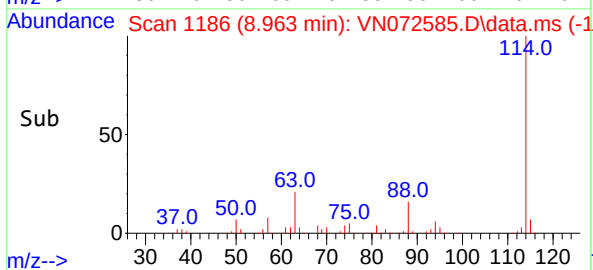
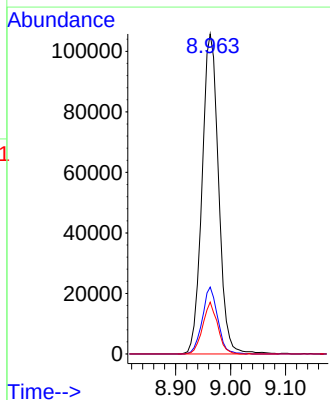
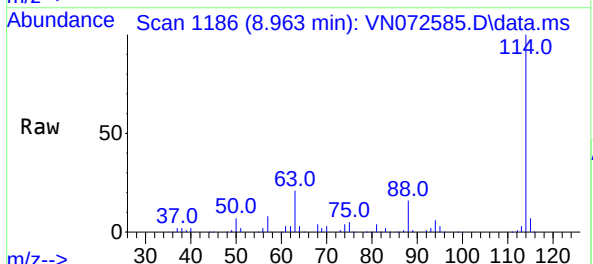
Manual Integrations
APPROVED

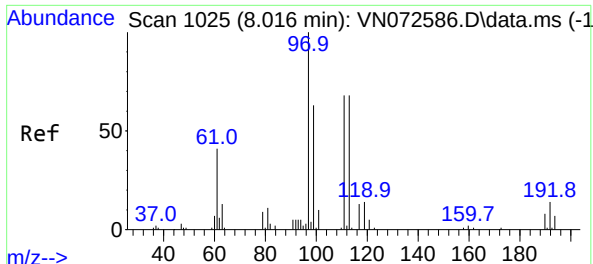
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

Tgt Ion:114 Resp: 220419
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.0
88 16.2 0.0 32.6





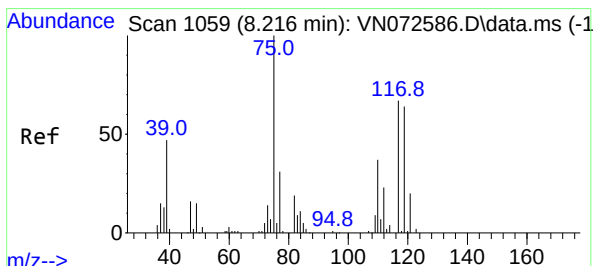
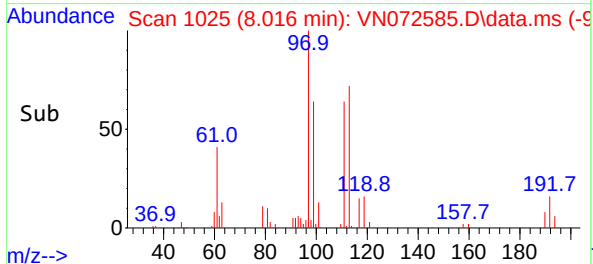
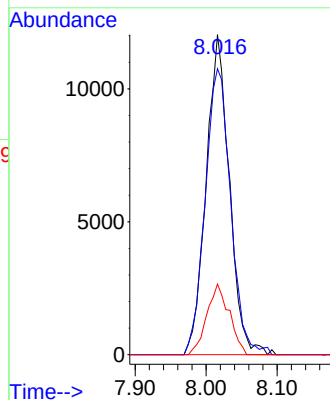
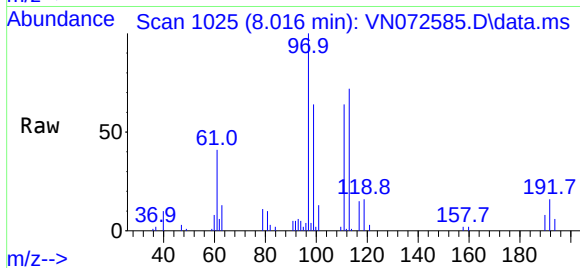
#35
Dibromofluoromethane
Concen: 18.587 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 113 Resp: 2738
Ion Ratio Lower Upper
113 100
111 97.9 81.4 122.0
192 21.3 17.0 25.6

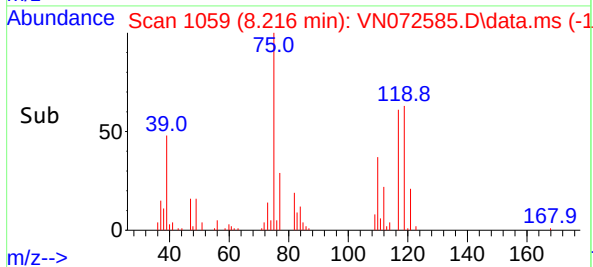
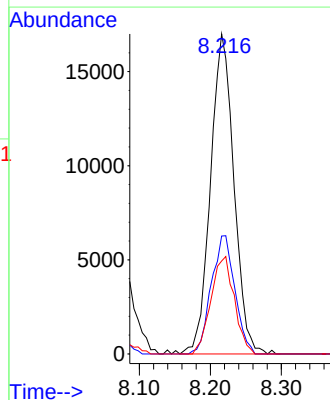
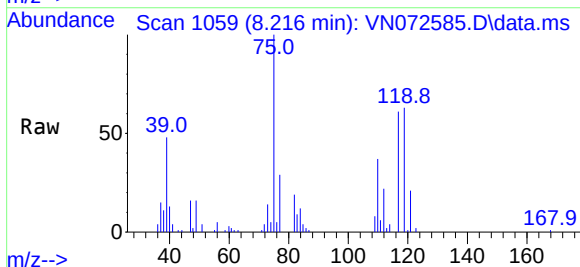
Manual Integrations
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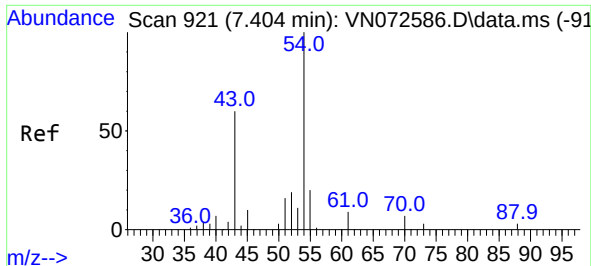
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#36
1,1-Dichloropropene
Concen: 19.037 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

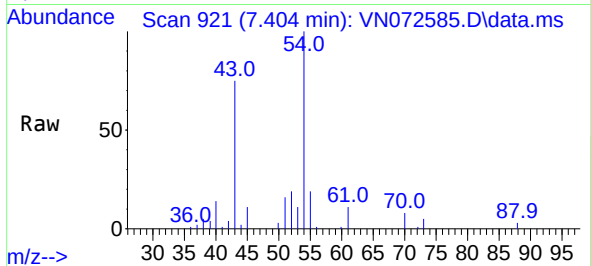
Tgt Ion: 75 Resp: 38913
Ion Ratio Lower Upper
75 100
110 37.1 18.3 54.8
77 30.4 25.1 37.7





#37
Ethyl Acetate
Concen: 22.163 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

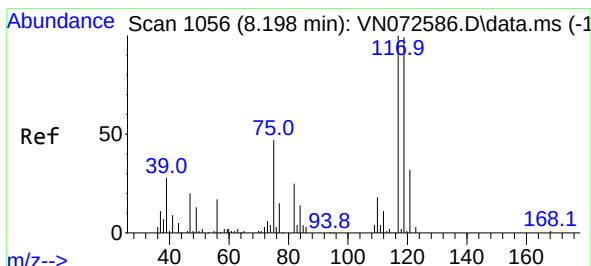
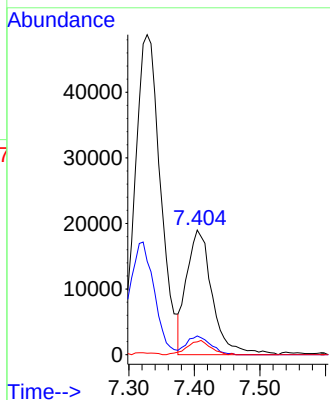
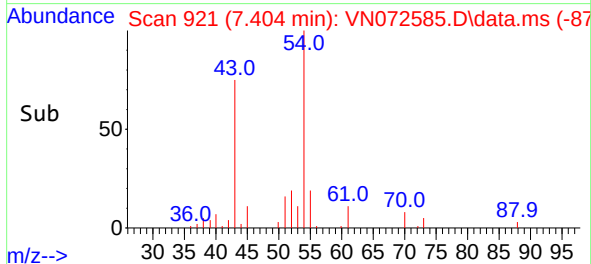
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



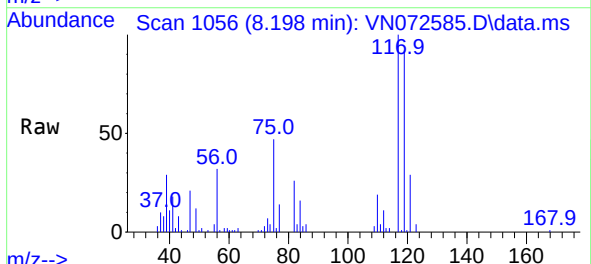
Tgt Ion: 43 Resp: 5168
Ion Ratio Lower Upper
43 100
61 13.9 11.8 17.6
70 10.2 9.3 13.9

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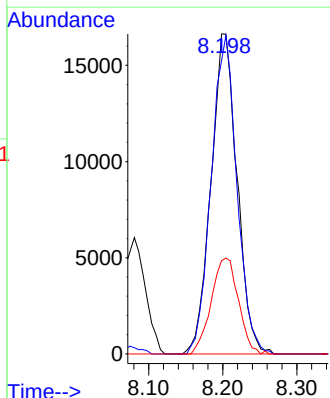
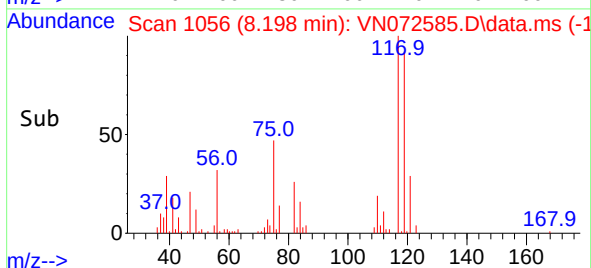
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

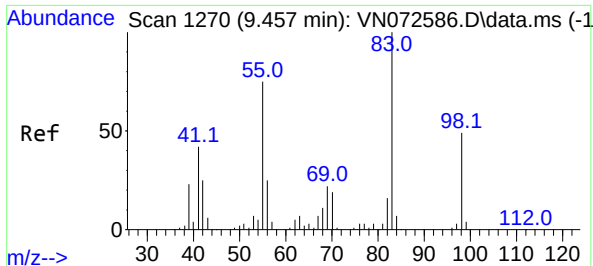


#38
Carbon Tetrachloride
Concen: 16.314 ug/l
RT: 8.198 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52



Tgt Ion:117 Resp: 40655
Ion Ratio Lower Upper
117 100
119 91.6 75.8 113.8
121 29.1 24.6 37.0





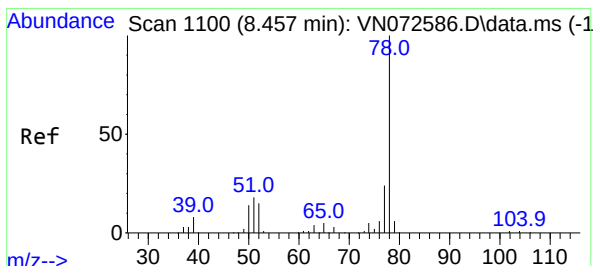
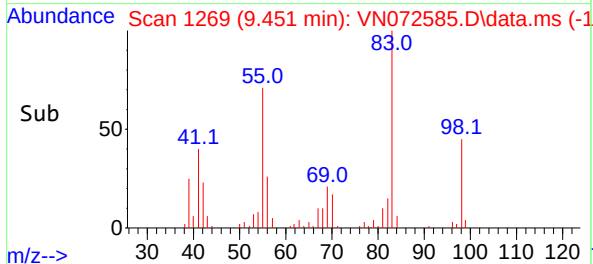
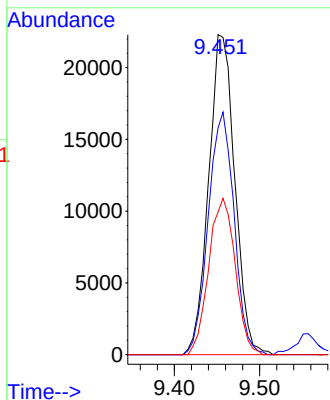
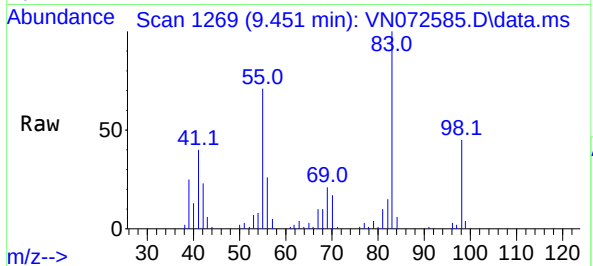
#39
Methylcyclohexane
Concen: 19.515 ug/l
RT: 9.451 min Scan# 1100
Delta R.T. -0.006 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 4754
Ion Ratio Lower Upper
83 100
55 70.8 57.8 86.8
98 44.5 39.4 59.2

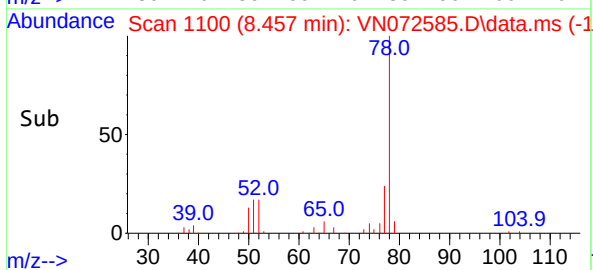
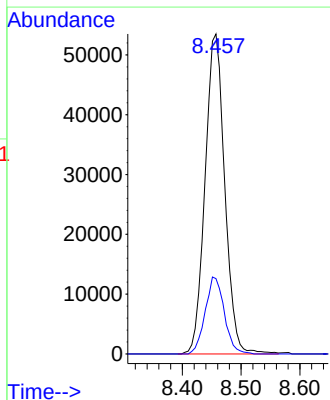
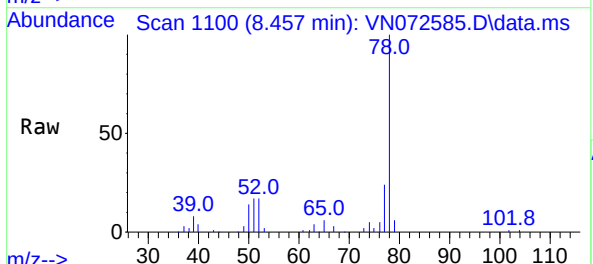
Manual Integrations
APPROVED

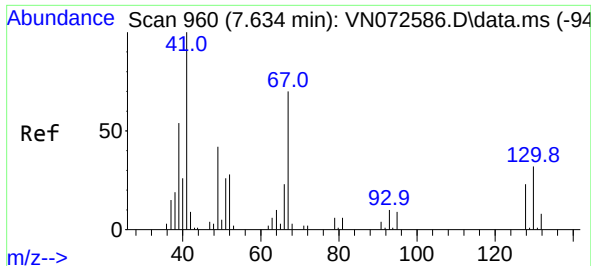
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#40
Benzene
Concen: 20.478 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

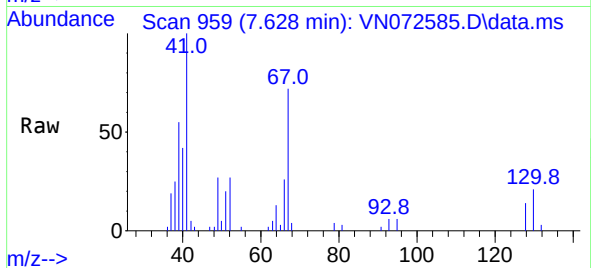
Tgt Ion: 78 Resp: 124409
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.0





#41
Methacrylonitrile
Concen: 21.179 ug/l
RT: 7.628 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

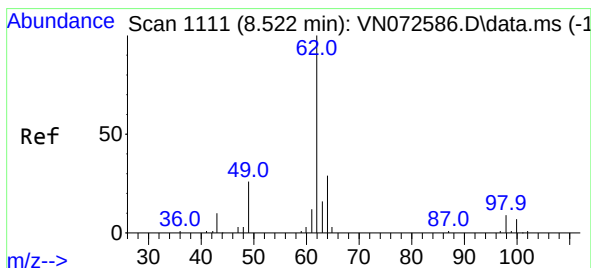
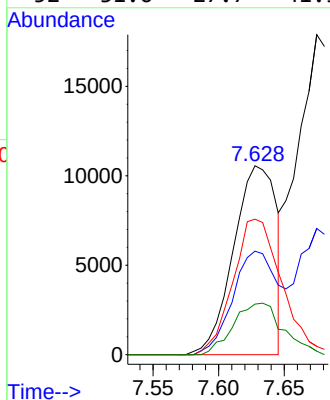
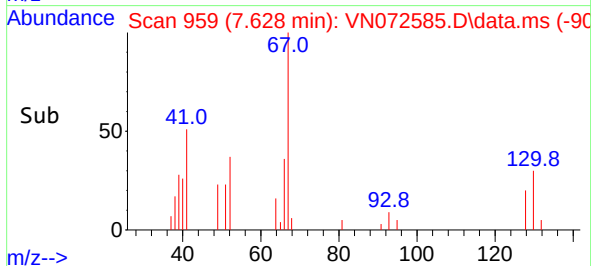
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



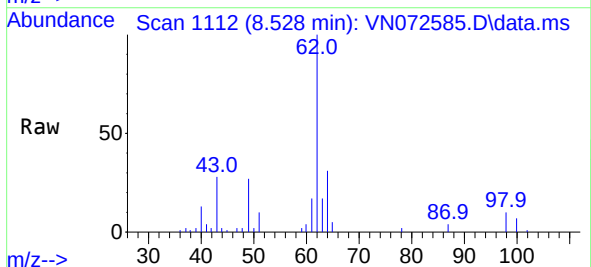
Tgt Ion: 41 Resp: 23974
Ion Ratio Lower Upper
41 100
39 59.3 48.6 73.0
67 81.5 73.4 110.2
52 31.6 27.7 41.5

Manual Integrations
APPROVED

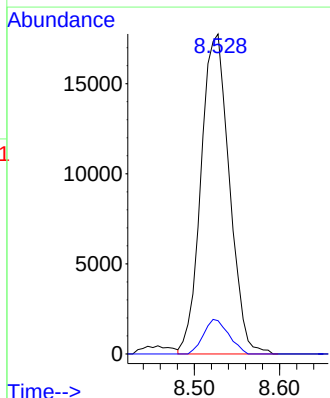
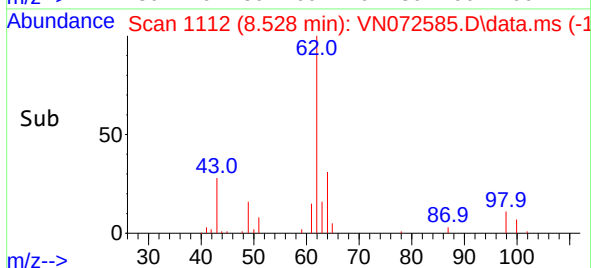
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

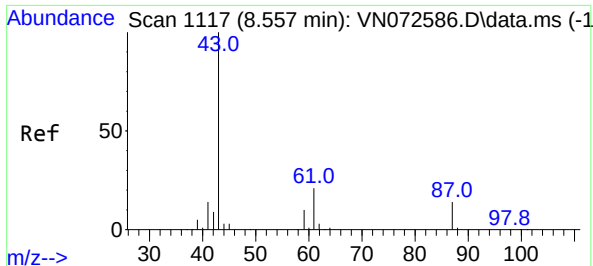


#42
1,2-Dichloroethane
Concen: 15.153 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52



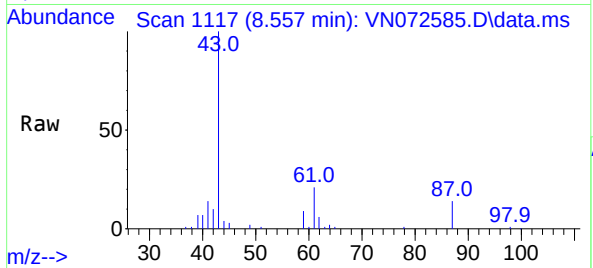
Tgt Ion: 62 Resp: 41031
Ion Ratio Lower Upper
62 100
98 9.6 0.0 19.4





#43
Isopropyl Acetate
Concen: 19.720 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

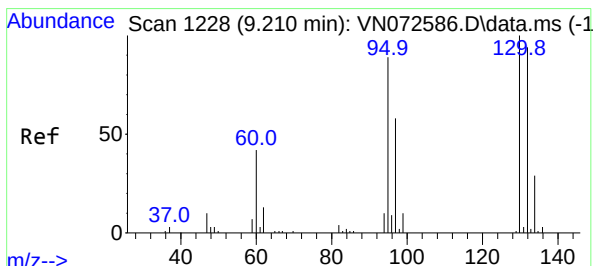
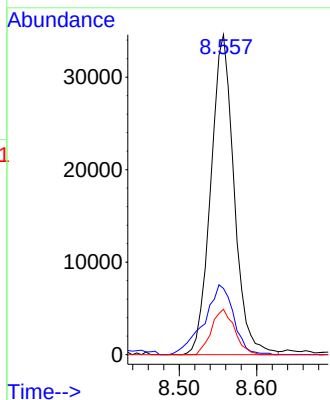
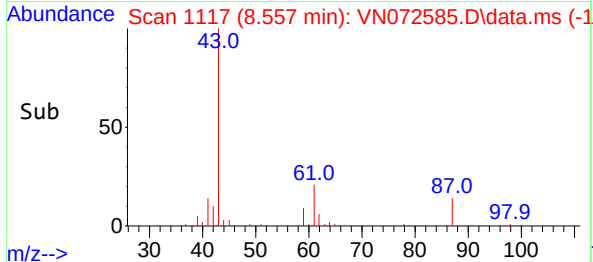
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



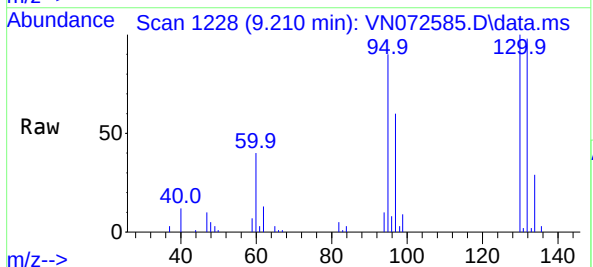
Tgt Ion: 43 Resp: 7235
Ion Ratio Lower Upper
43 100
61 27.7 21.9 32.9
87 14.0 12.0 18.0

Manual Integrations
APPROVED

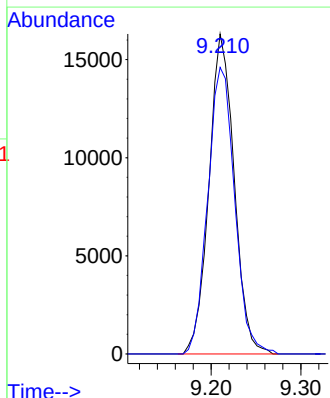
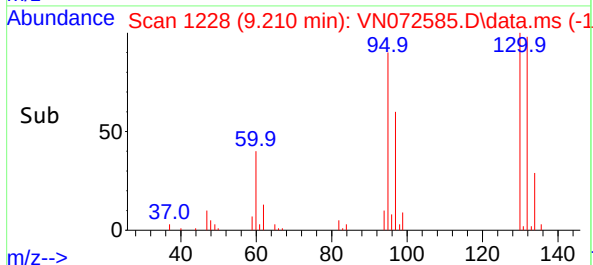
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

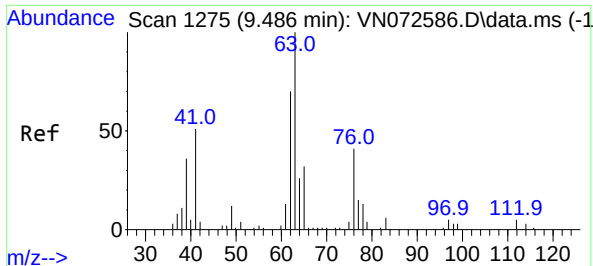


#44
Trichloroethene
Concen: 19.231 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52



Tgt Ion:130 Resp: 31824
Ion Ratio Lower Upper
130 100
95 89.5 0.0 186.8





#45

1,2-Dichloropropane

Concen: 21.465 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072585.D

Acq: 24 May 2022 13:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 3256

Ion Ratio Lower Upper

63 100

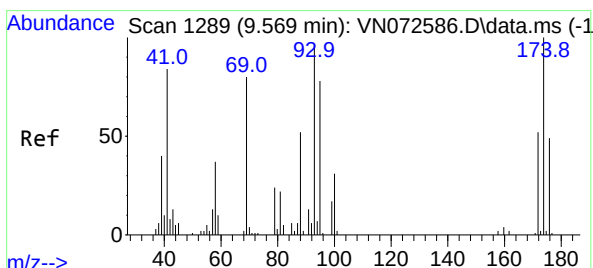
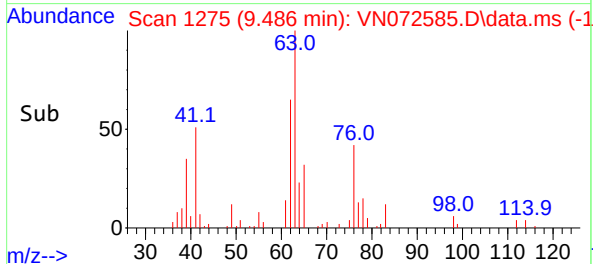
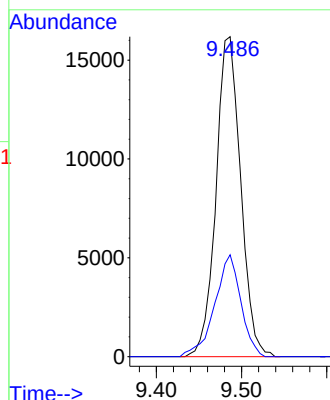
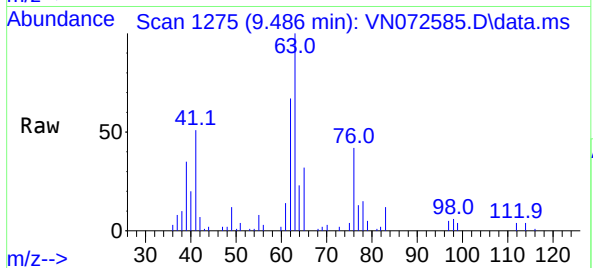
65 31.8 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2022

Supervised By :Mahesh Dadoda 05/25/2022



#46

Dibromomethane

Concen: 18.664 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. 0.000 min

Lab File: VN072585.D

Acq: 24 May 2022 13:52

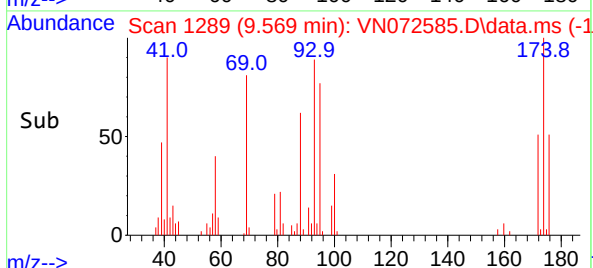
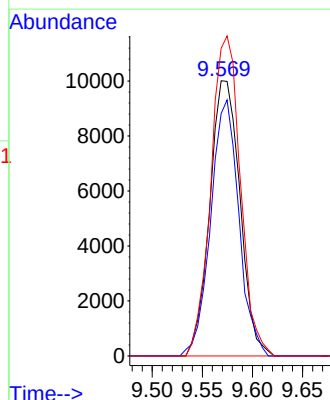
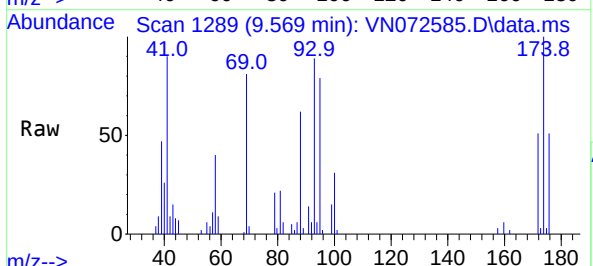
Tgt Ion: 93 Resp: 20969

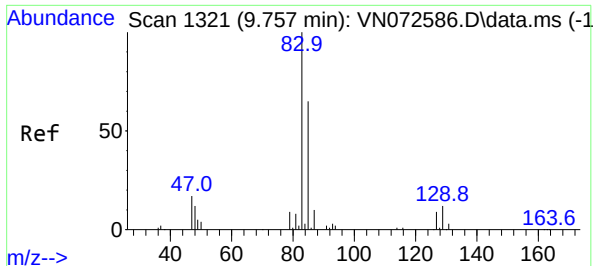
Ion Ratio Lower Upper

93 100

95 86.8 66.9 100.3

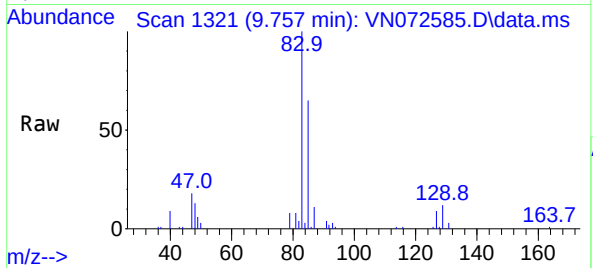
174 113.4 86.6 130.0





#47
Bromodichloromethane
Concen: 18.542 ug/l
RT: 9.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

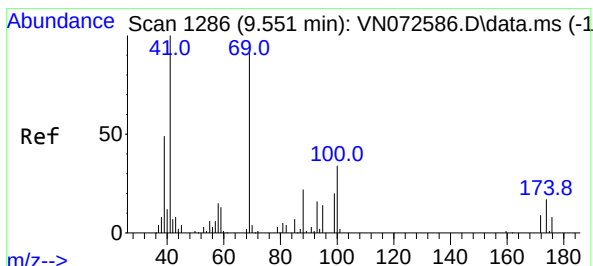
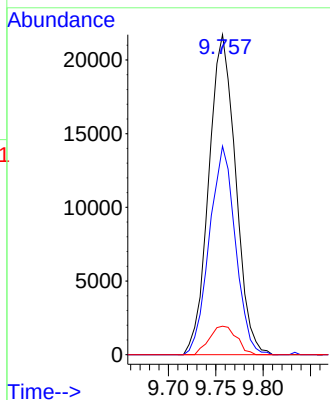
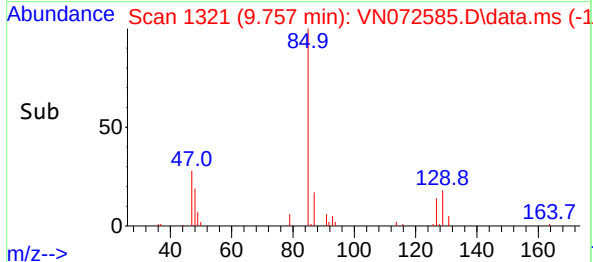
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



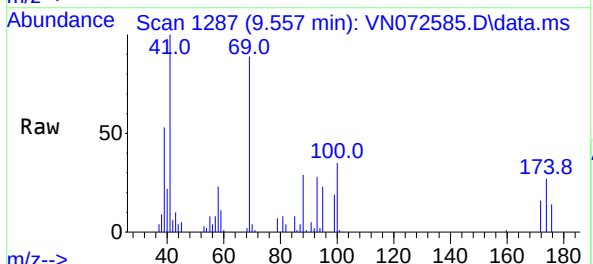
Tgt Ion: 83 Resp: 4272
Ion Ratio Lower Upper
83 100
85 65.2 50.5 75.7
127 8.9 6.8 10.2

Manual Integrations
APPROVED

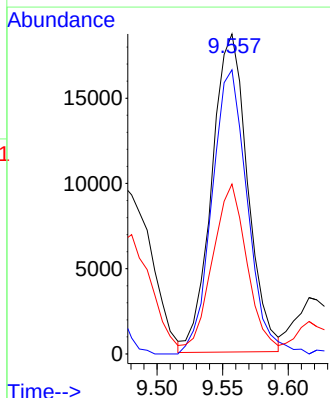
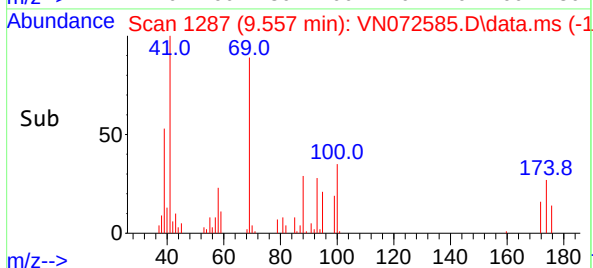
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

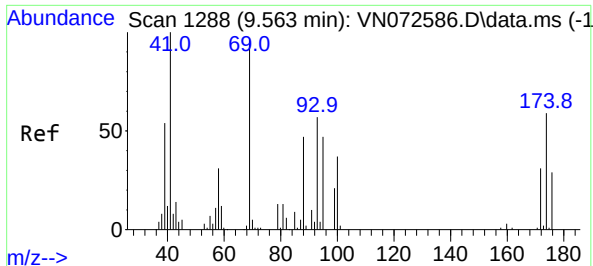


#48
Methyl methacrylate
Concen: 20.297 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52



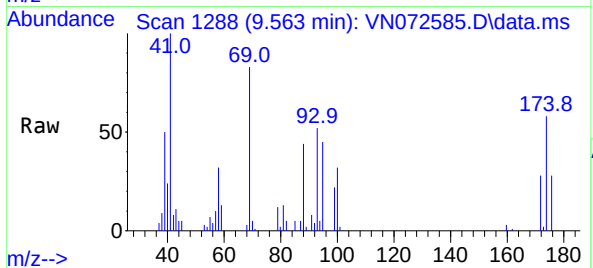
Tgt Ion: 41 Resp: 35544
Ion Ratio Lower Upper
41 100
69 88.3 74.7 112.1
39 52.4 45.6 68.4





#49
1,4-Dioxane
Concen: 758.414 ug/l
RT: 9.563 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

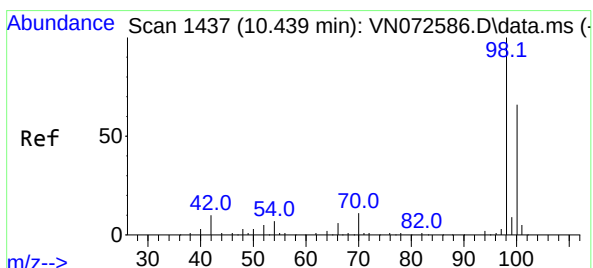
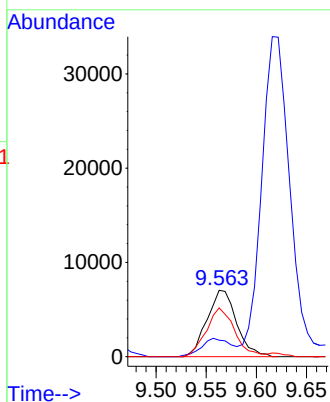
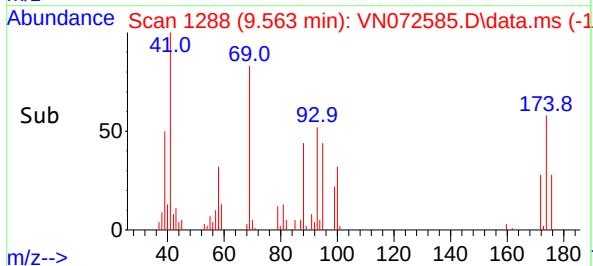
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



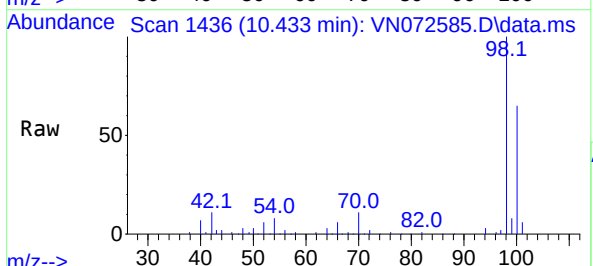
Tgt Ion: 88 Resp: 14420
Ion Ratio Lower Upper
88 100
43 27.8 20.2 30.4
58 70.8 54.2 81.4

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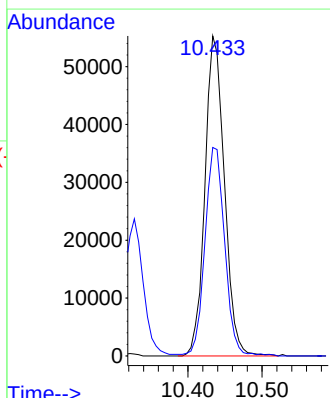
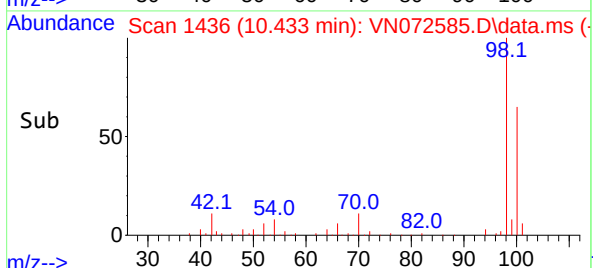
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

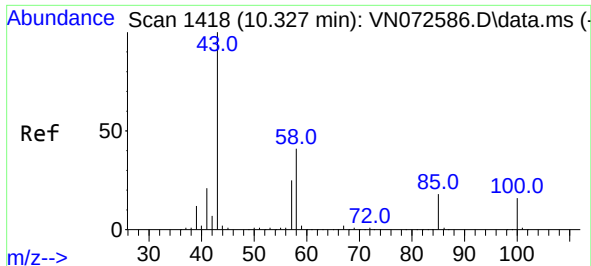


#50
Toluene-d8
Concen: 18.071 ug/l
RT: 10.433 min Scan# 1436
Delta R.T. -0.006 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52



Tgt Ion: 98 Resp: 101114
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8





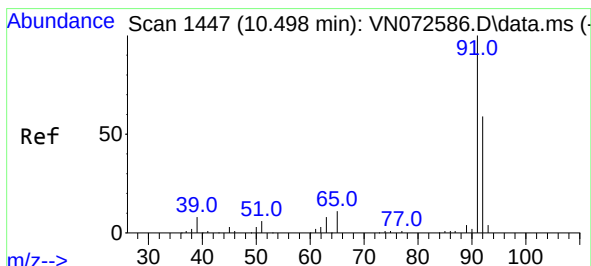
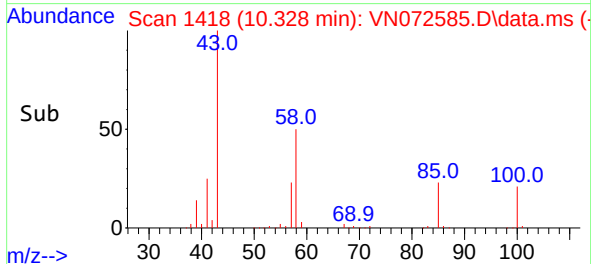
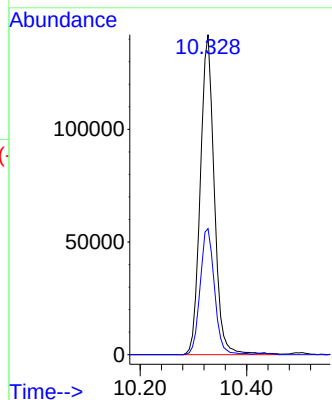
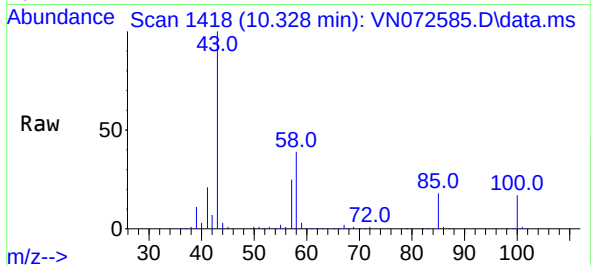
#51
4-Methyl-2-Pentanone
Concen: 107.050 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 258278
Ion Ratio Lower Upper
43 100
58 40.4 34.1 51.1

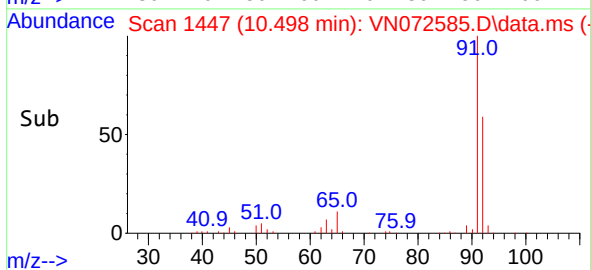
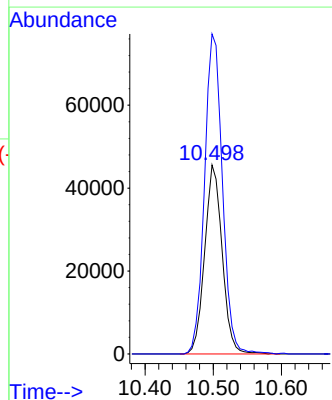
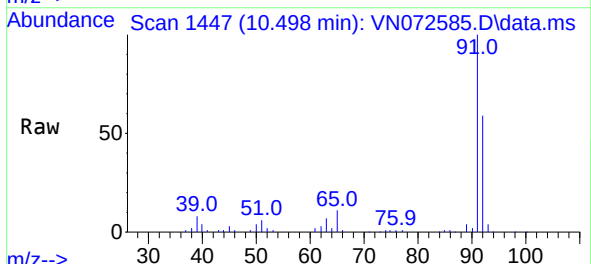
Manual Integrations
APPROVED

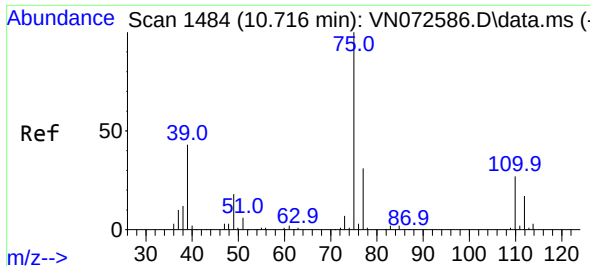
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#52
Toluene
Concen: 20.923 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

Tgt Ion: 92 Resp: 81417
Ion Ratio Lower Upper
92 100
91 172.8 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 17.841 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

Instrument :

MSVOA_N

ClientSampleId :

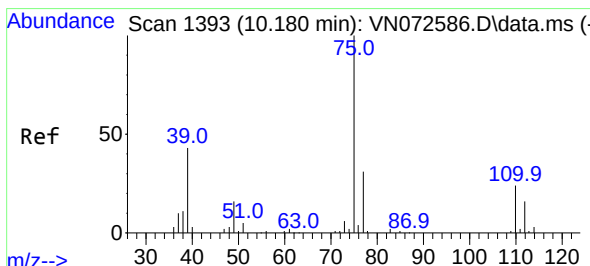
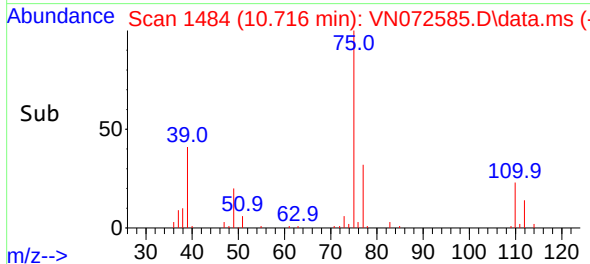
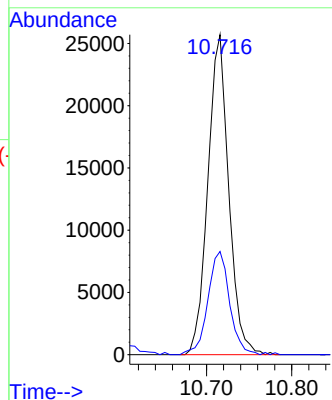
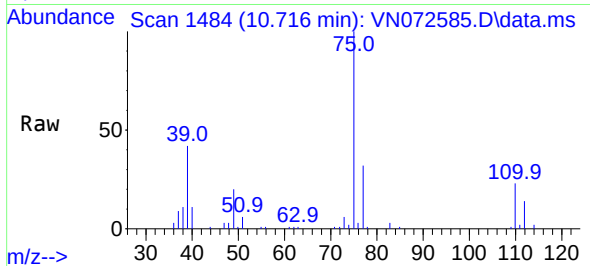
VSTDIC020

Tgt Ion: 75 Resp: 43825
Ion Ratio Lower Upper
75 100
77 32.2 25.6 38.4

Manual Integrations

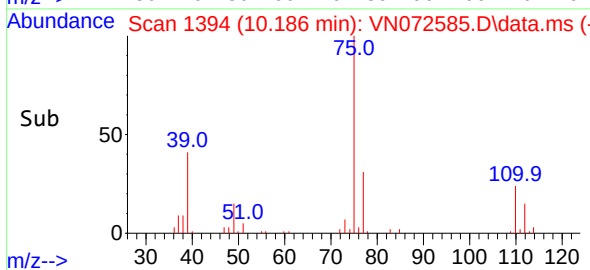
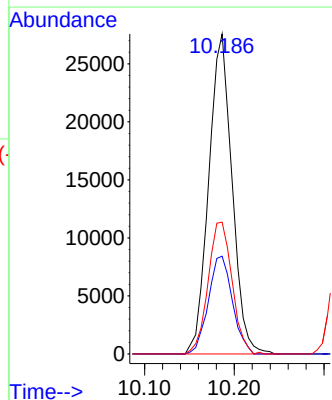
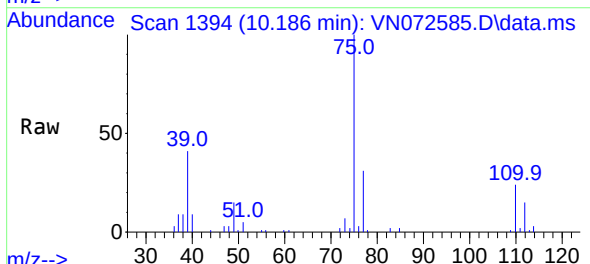
APPROVED

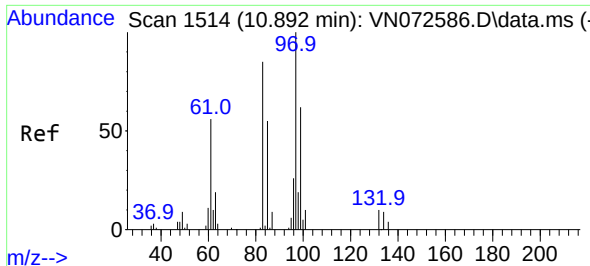
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#54
cis-1,3-Dichloropropene
Concen: 20.106 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.006 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

Tgt Ion: 75 Resp: 49640
Ion Ratio Lower Upper
75 100
77 30.6 25.2 37.8
39 41.2 35.7 53.5





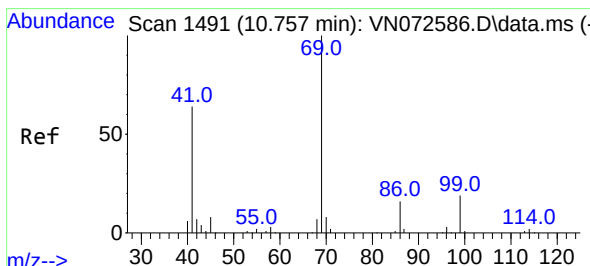
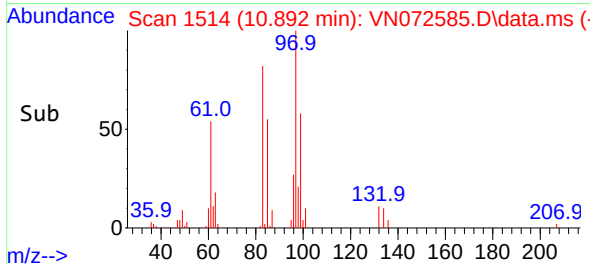
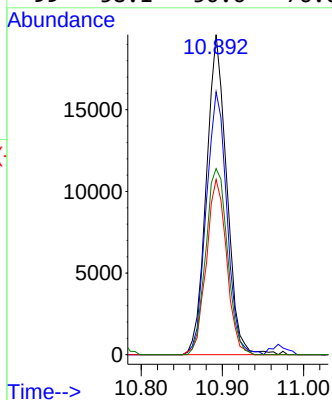
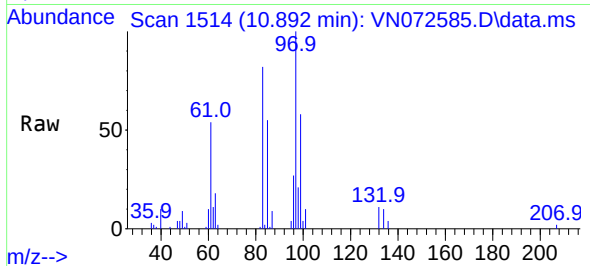
#55
1,1,2-Trichloroethane
Concen: 20.183 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.1	66.2	99.4
85	54.8	43.9	65.9
99	58.1	50.6	76.0

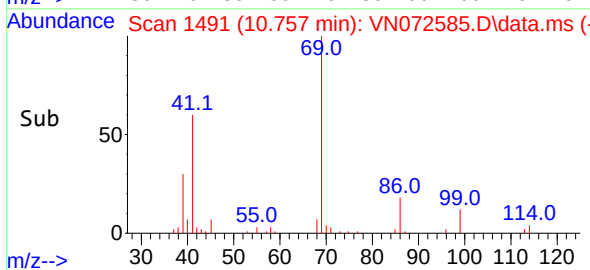
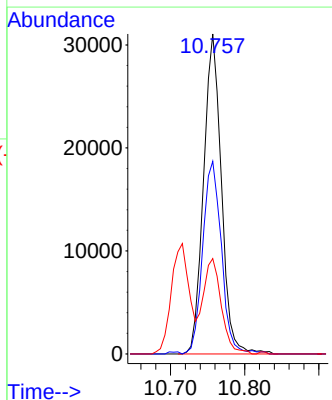
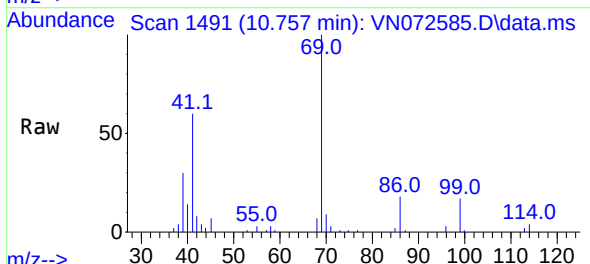
Manual Integrations
APPROVED

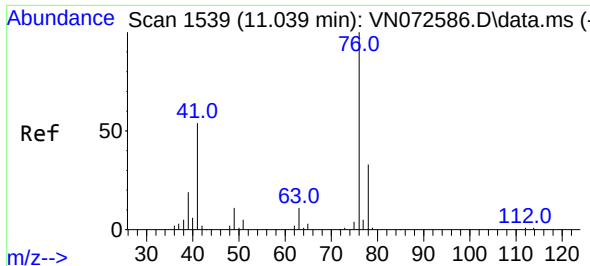
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#56
Ethyl methacrylate
Concen: 20.584 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

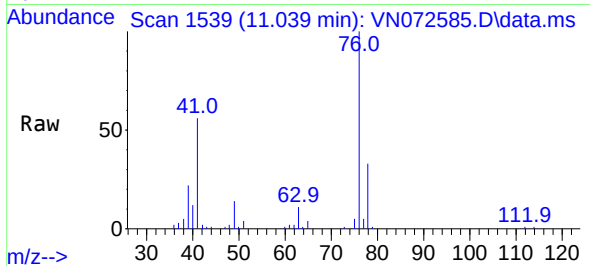
Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.2	47.8	71.6
39	30.6	27.3	40.9





#57
1,3-Dichloropropane
Concen: 19.808 ug/l
RT: 11.039 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

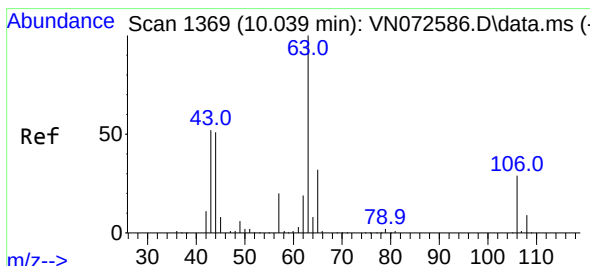
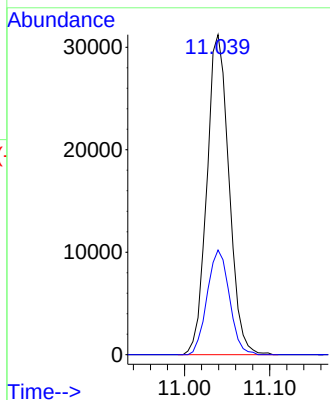
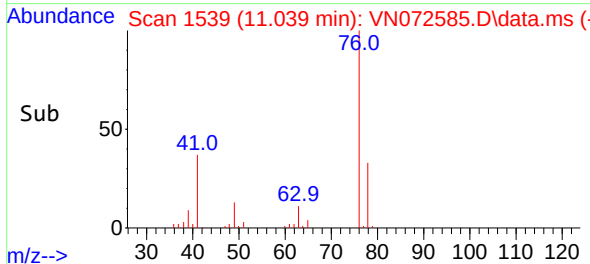
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



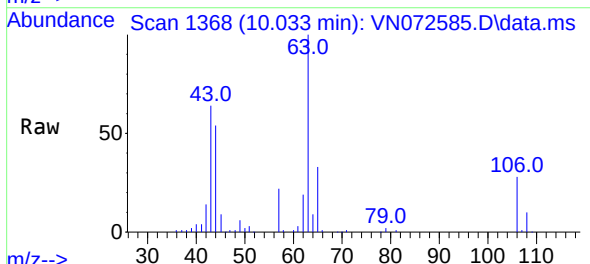
Tgt Ion: 76 Resp: 56309
Ion Ratio Lower Upper
76 100
78 32.8 26.2 39.2

Manual Integrations
APPROVED

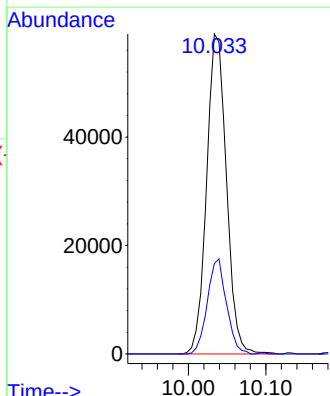
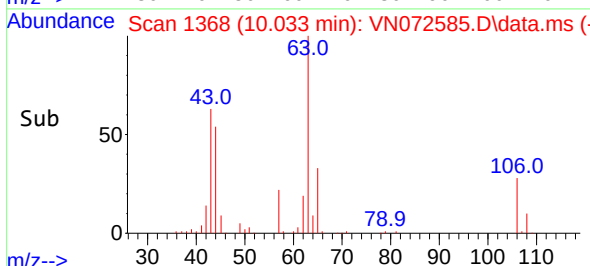
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

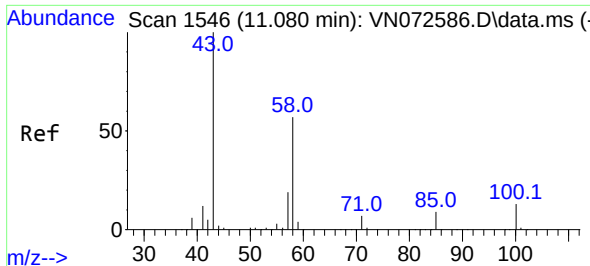


#58
2-Chloroethyl Vinyl ether
Concen: 150.155 ug/l
RT: 10.033 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52



Tgt Ion: 63 Resp: 104951
Ion Ratio Lower Upper
63 100
106 28.6 24.6 36.8





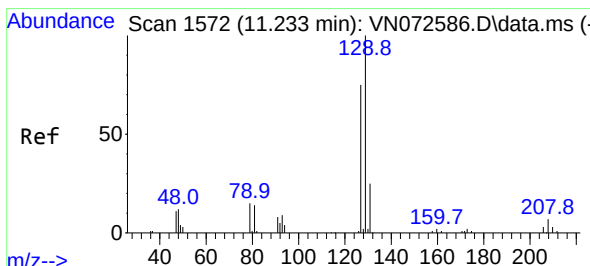
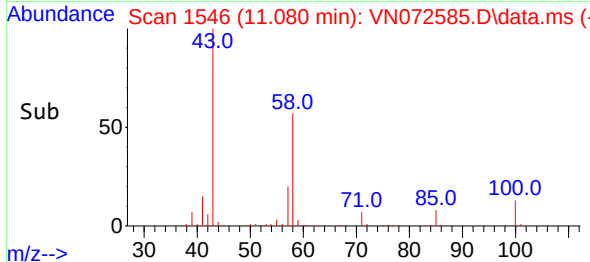
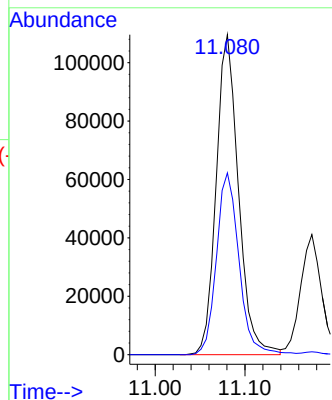
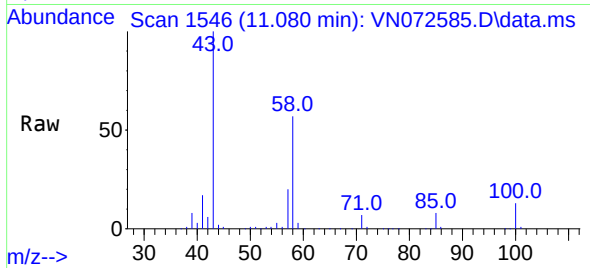
#59
2-Hexanone
Concen: 112.390 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 18893
Ion Ratio Lower Upper
43 100
58 57.5 29.7 89.1

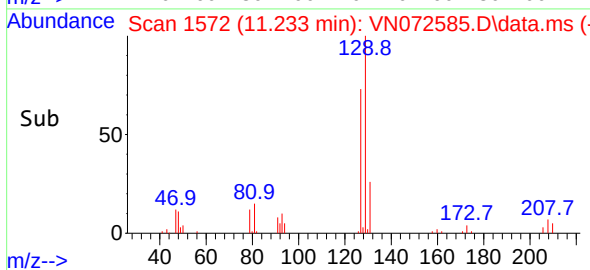
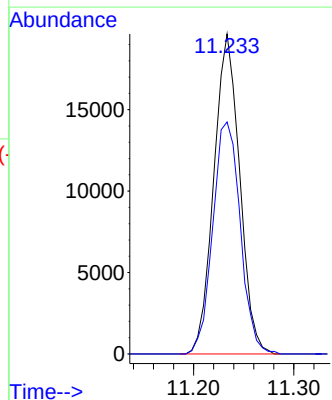
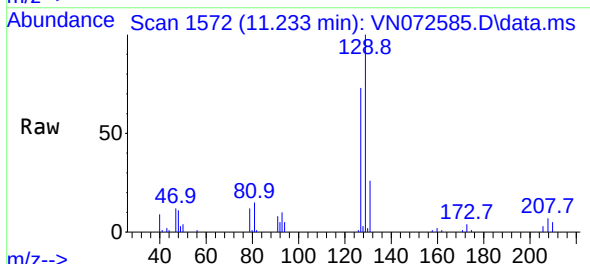
Manual Integrations
APPROVED

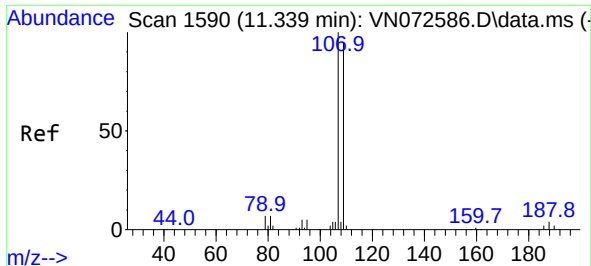
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#60
Dibromochloromethane
Concen: 18.392 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

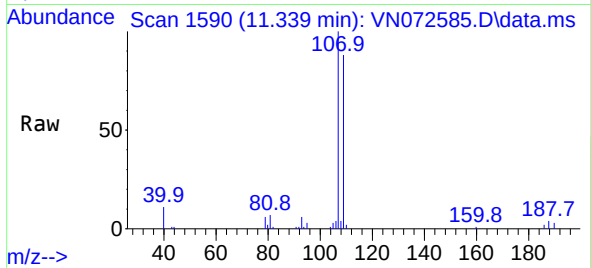
Tgt Ion:129 Resp: 35169
Ion Ratio Lower Upper
129 100
127 77.1 38.8 116.4





#61
1,2-Dibromoethane
Concen: 19.787 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

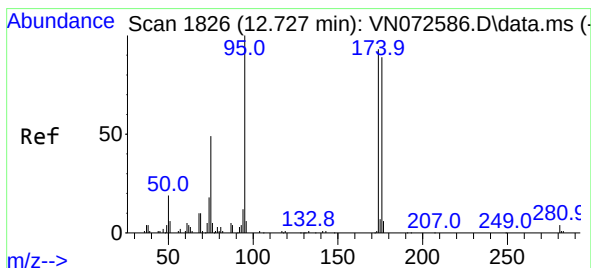
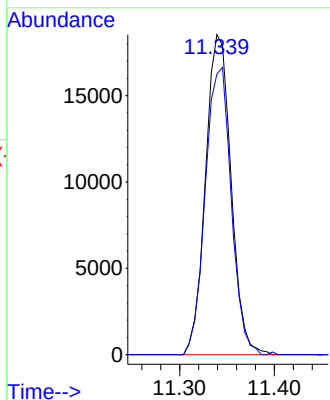
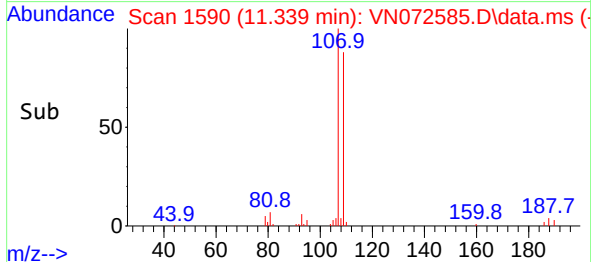
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



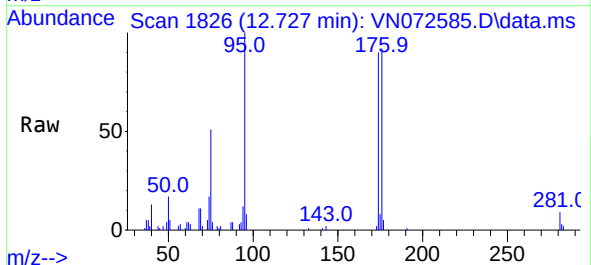
Tgt Ion:107 Resp: 3462
Ion Ratio Lower Upper
107 100
109 91.3 75.0 112.6

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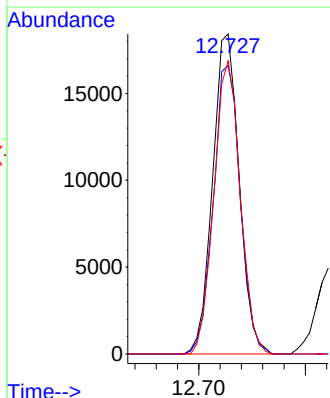
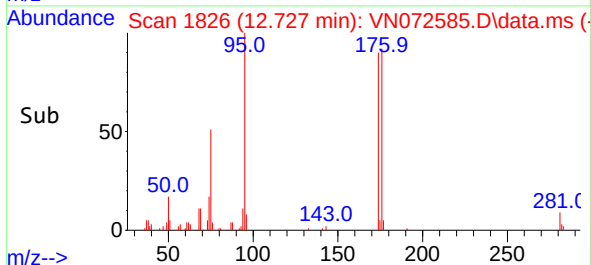
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

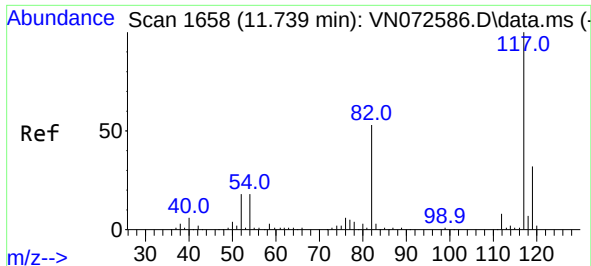


#62
4-Bromofluorobenzene
Concen: 15.393 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52



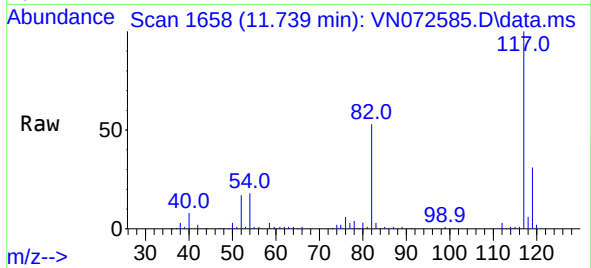
Tgt Ion: 95 Resp: 31817
Ion Ratio Lower Upper
95 100
174 91.4 0.0 167.6
176 90.4 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

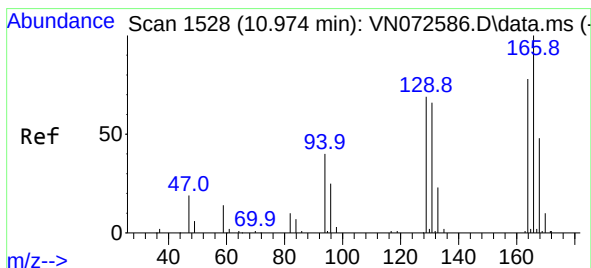
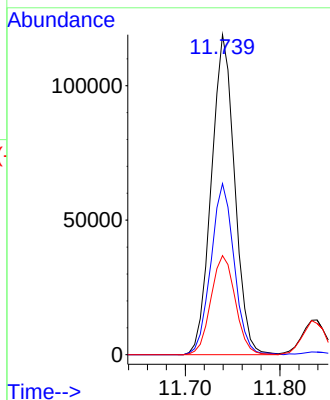
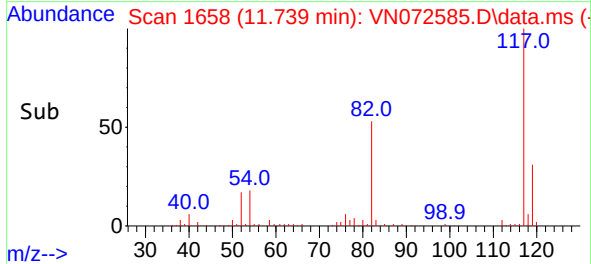
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



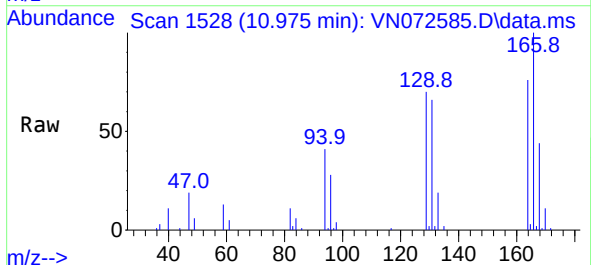
Tgt Ion:117 Resp: 203348
Ion Ratio Lower Upper
117 100
82 53.5 44.2 66.2
119 30.9 25.4 38.0

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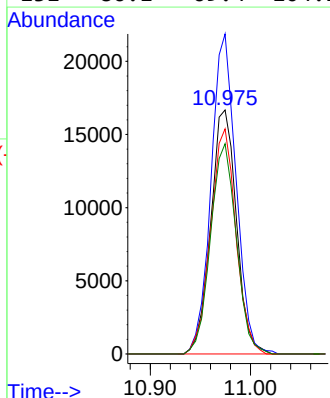
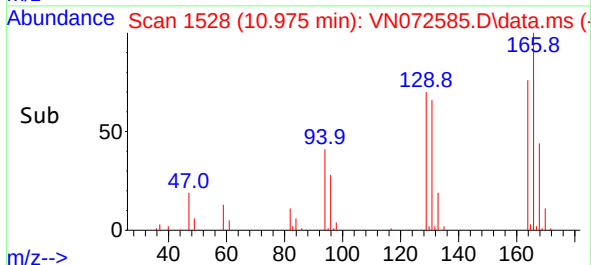
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

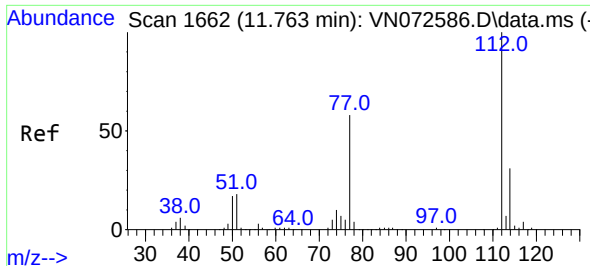


#64
Tetrachloroethene
Concen: 20.460 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52



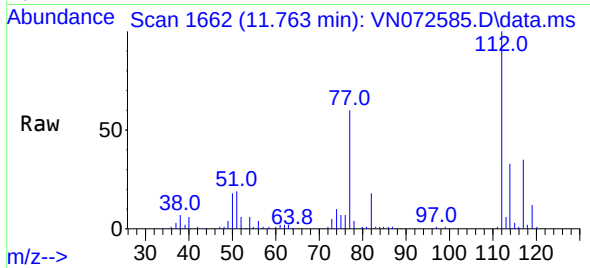
Tgt Ion:164 Resp: 29709
Ion Ratio Lower Upper
164 100
166 131.1 104.2 156.2
129 92.3 73.9 110.9
131 86.1 69.4 104.2





#65
Chlorobenzene
Concen: 20.252 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

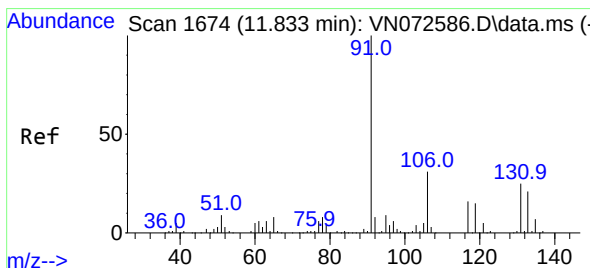
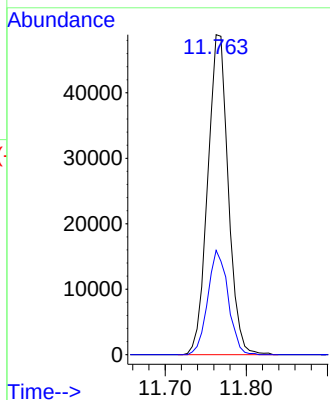
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



Tgt Ion:112 Resp: 85774
Ion Ratio Lower Upper
112 100
114 32.6 25.4 38.2

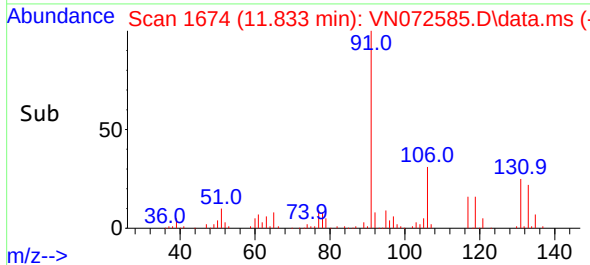
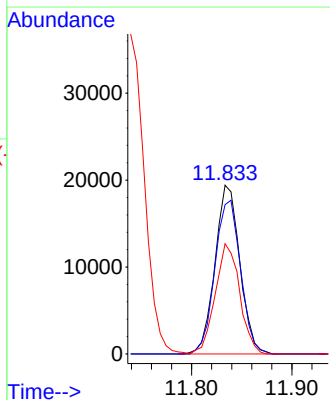
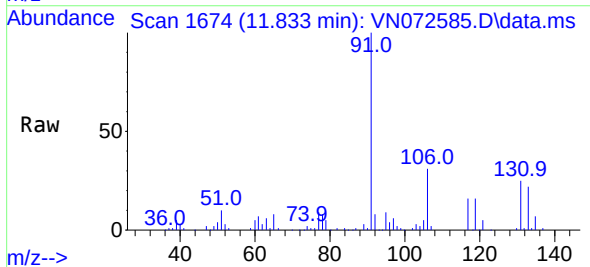
Manual Integrations
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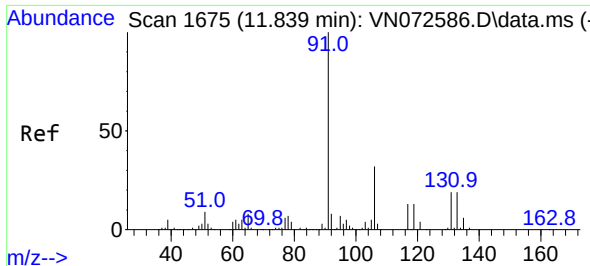
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 19.588 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

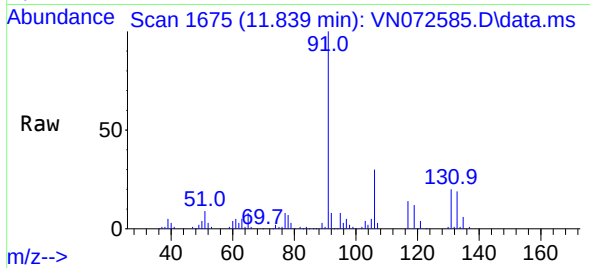
Tgt Ion:131 Resp: 33327
Ion Ratio Lower Upper
131 100
133 94.1 47.8 143.4
119 64.4 33.4 100.2





#67
Ethyl Benzene
Concen: 20.465 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

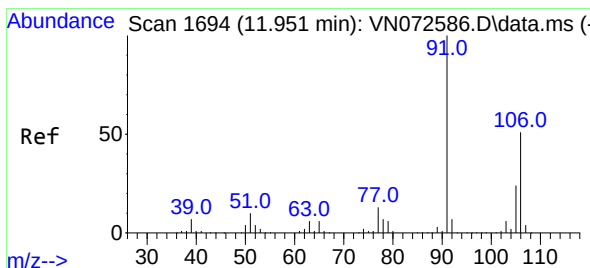
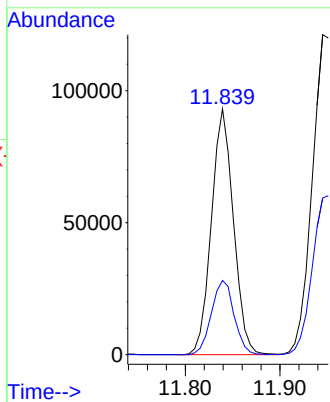
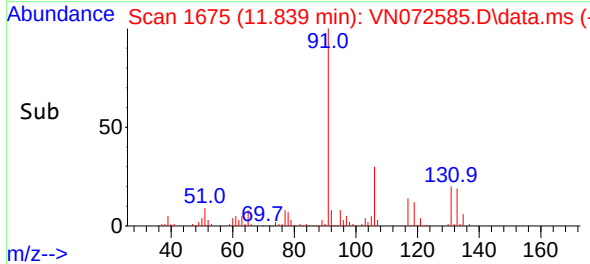
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion: 91 Resp: 150474
Ion Ratio Lower Upper
91 100
106 30.2 24.9 37.3

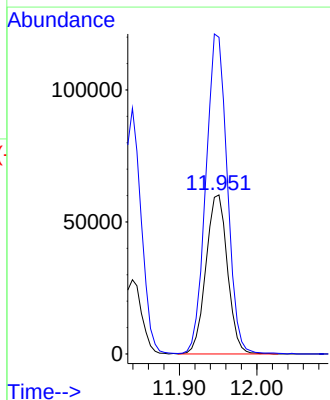
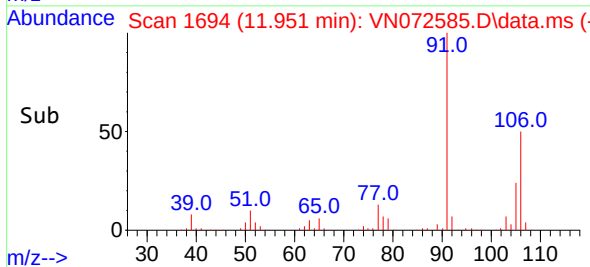
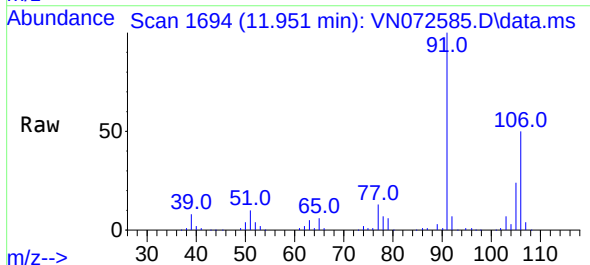
Manual Integrations
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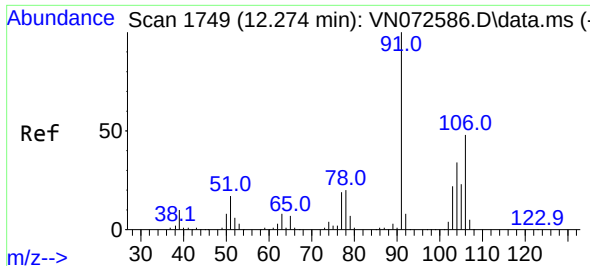
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#68
m/p-Xylenes
Concen: 41.285 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

Tgt Ion:106 Resp: 116335
Ion Ratio Lower Upper
106 100
91 199.6 158.9 238.3





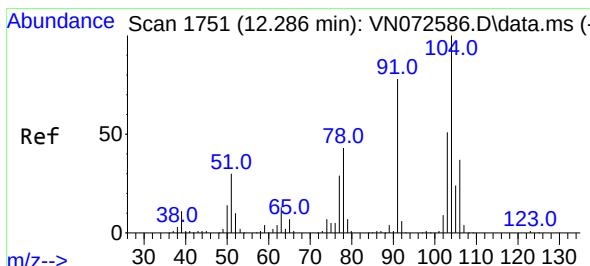
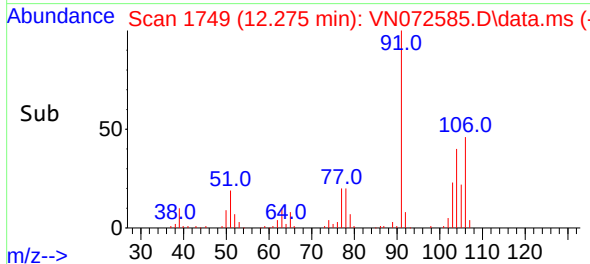
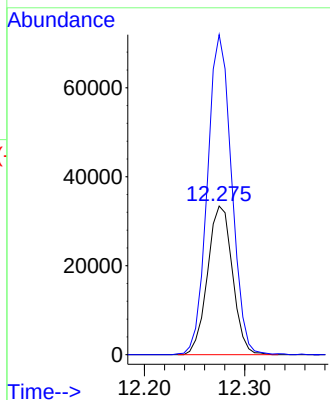
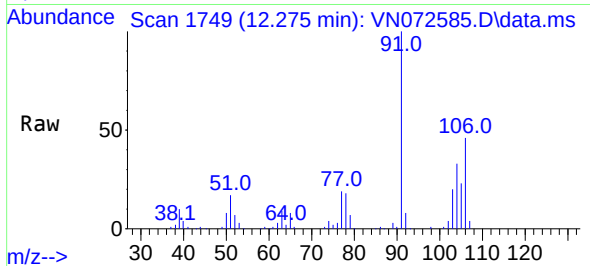
#69
o-Xylene
Concen: 20.123 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:106 Resp: 57620
Ion Ratio Lower Upper
106 100
91 209.7 106.0 318.0

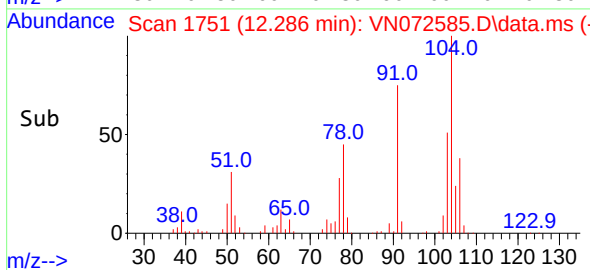
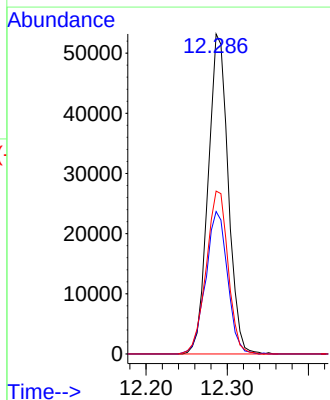
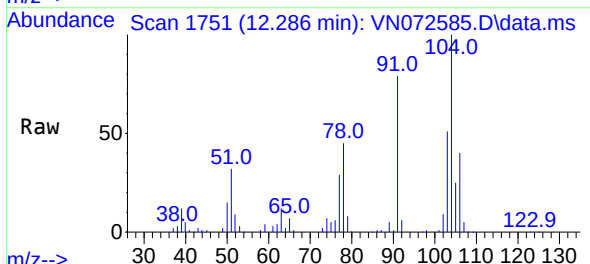
Manual Integrations
APPROVED

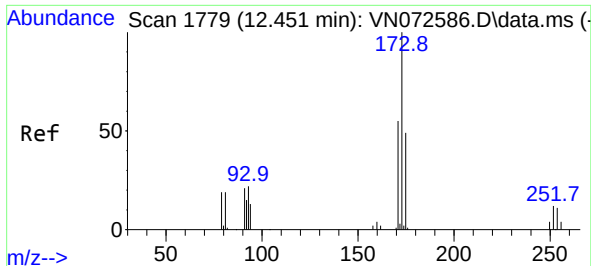
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#70
Styrene
Concen: 20.708 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

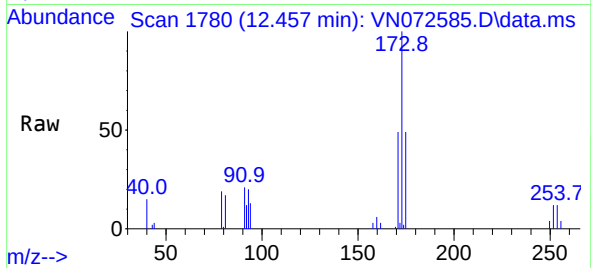
Tgt Ion:104 Resp: 91324
Ion Ratio Lower Upper
104 100
78 48.4 39.5 59.3
103 55.4 44.0 66.0





#71
Bromoform
Concen: 20.739 ug/l
RT: 12.457 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

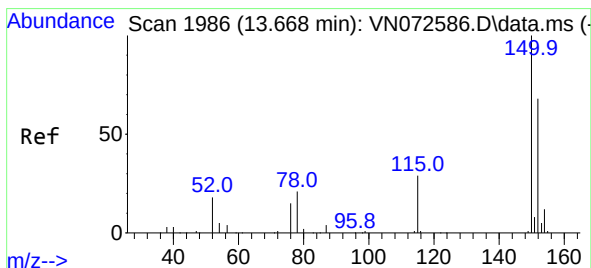
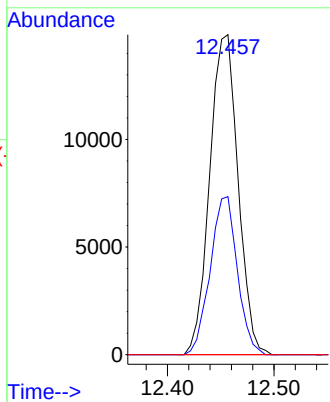
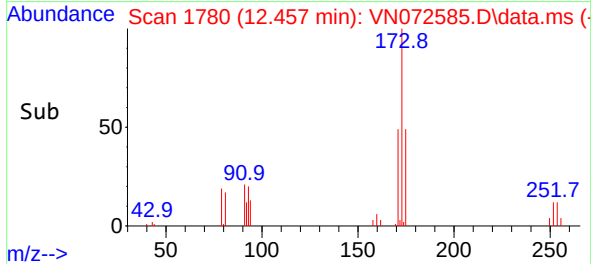
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



Tgt Ion:173 Resp: 27497
Ion Ratio Lower Upper
173 100
175 47.3 24.6 73.6
254 0.0 0.1 0.1

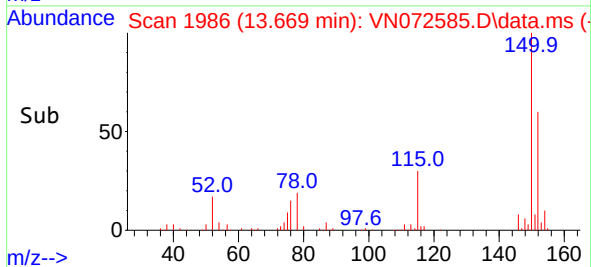
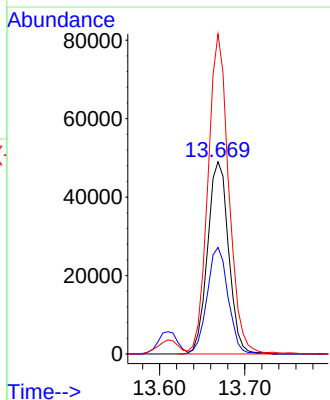
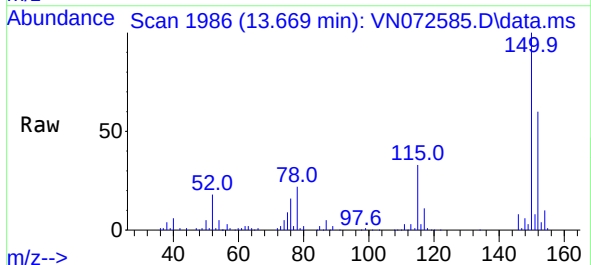
Manual Integrations
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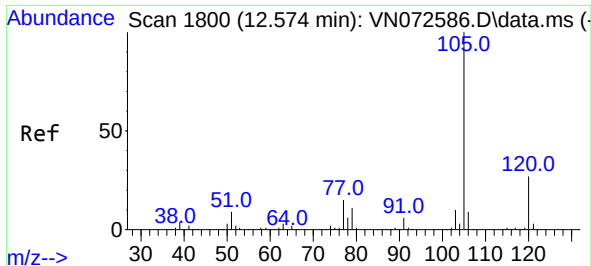
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

Tgt Ion:152 Resp: 84288
Ion Ratio Lower Upper
152 100
115 55.4 28.9 86.7
150 165.0 0.0 356.2





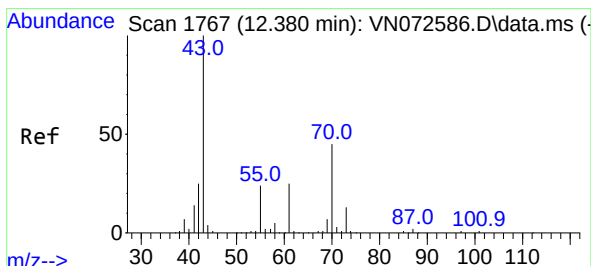
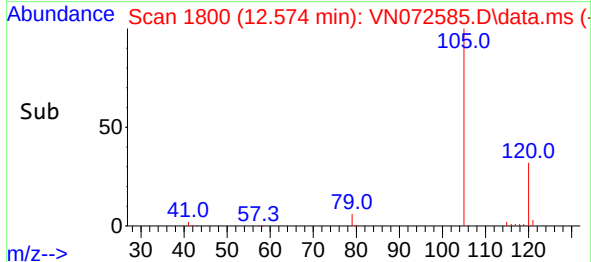
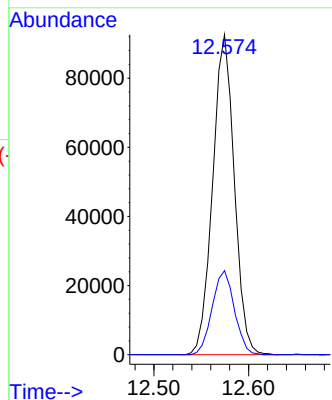
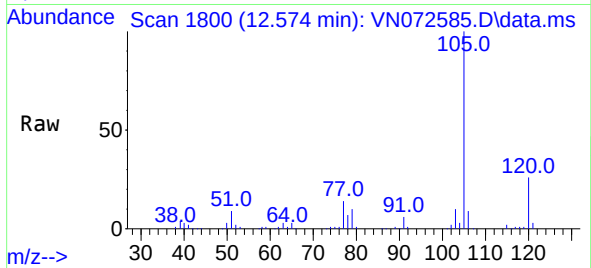
#73
Isopropylbenzene
Concen: 20.782 ug/l
RT: 12.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Tgt Ion:105 Resp: 14674
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.4

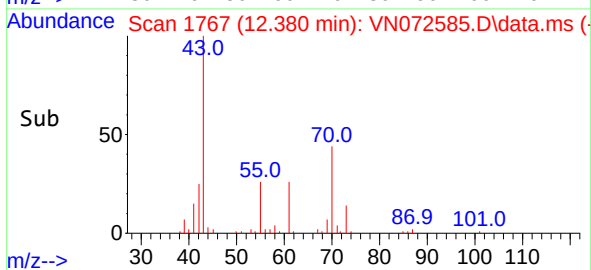
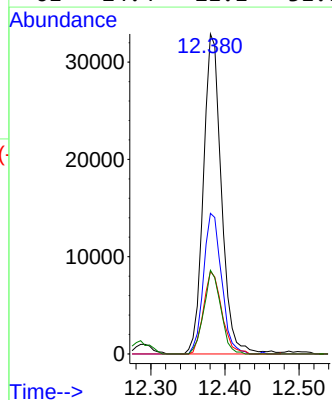
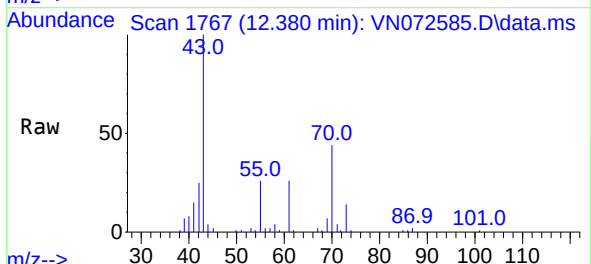
Manual Integrations
APPROVED

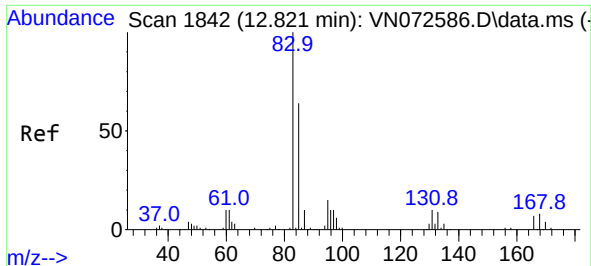
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#74
N-ethyl acetate
Concen: 22.929 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

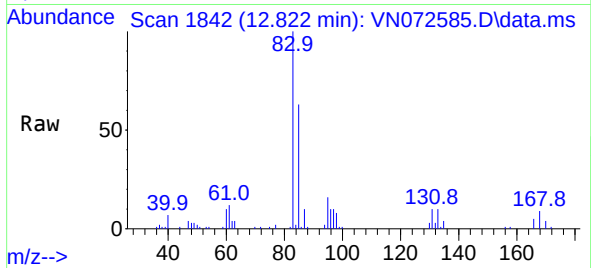
Tgt Ion: 43 Resp: 55713
Ion Ratio Lower Upper
43 100
70 43.9 39.0 58.4
55 26.1 21.1 31.7
61 24.4 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 23.085 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

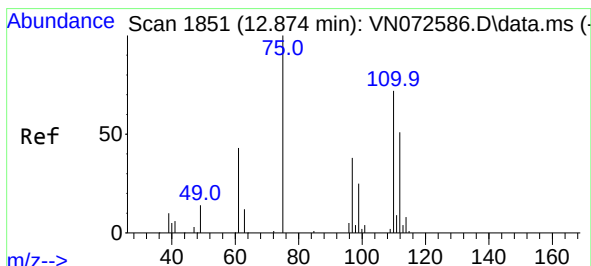
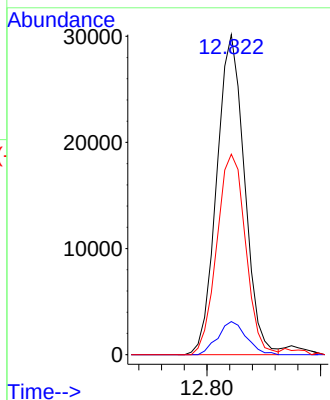
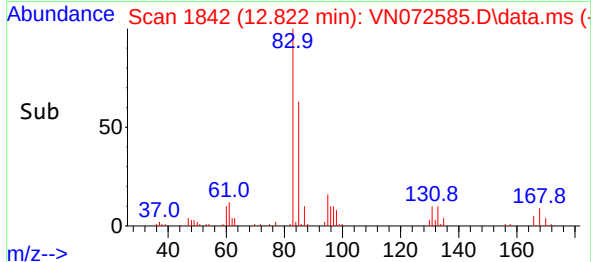
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



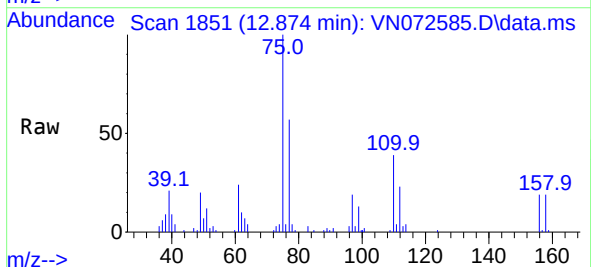
Tgt Ion: 83 Resp: 51197
Ion Ratio Lower Upper
83 100
131 10.6 5.3 15.9
85 64.8 32.3 96.9

Manual Integrations
APPROVED

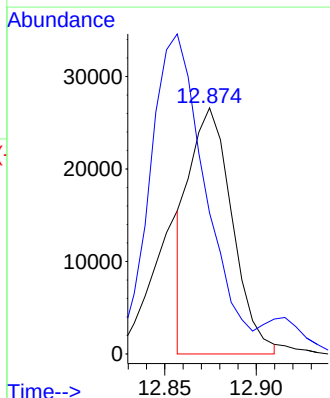
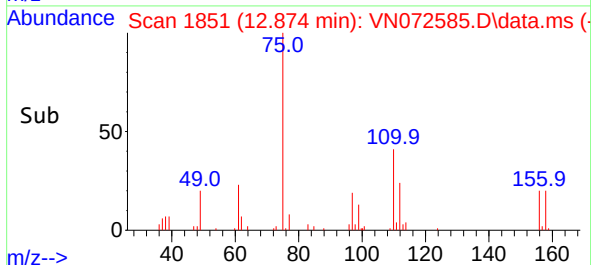
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

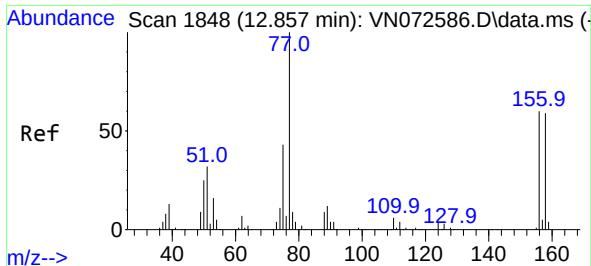


#76
1,2,3-Trichloropropane
Concen: 17.443 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52



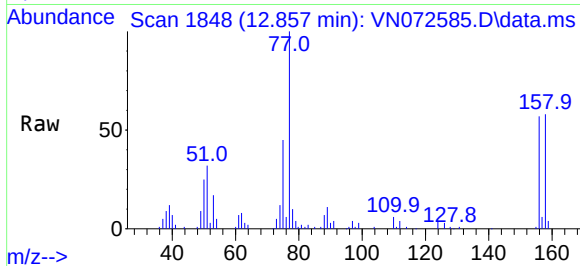
Tgt Ion: 75 Resp: 43187
Ion Ratio Lower Upper
75 100
77 168.8 98.5 295.5





#77
Bromobenzene
Concen: 19.476 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

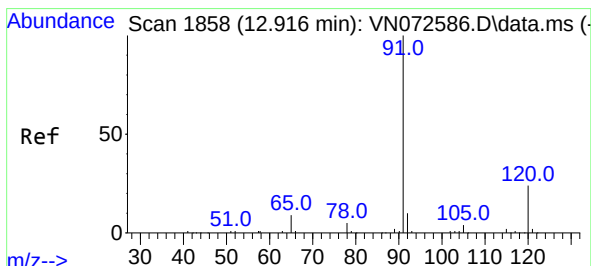
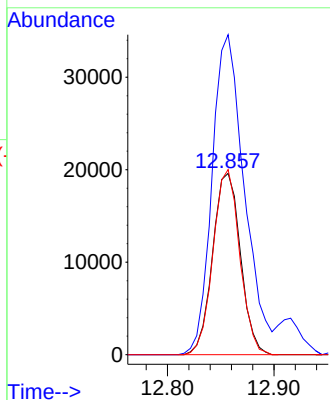
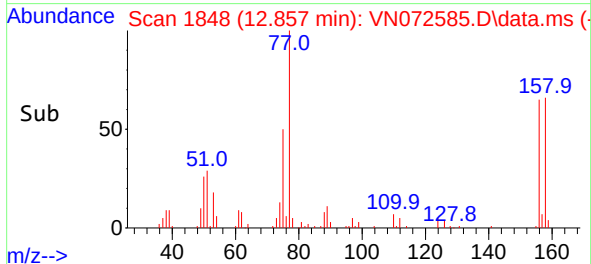
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



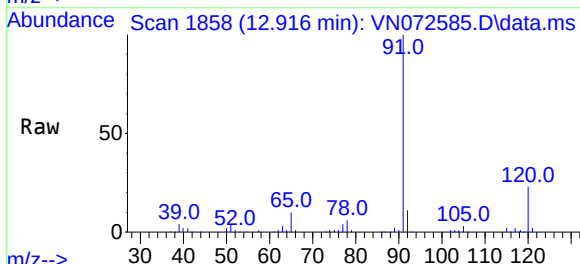
Tgt Ion:156 Resp: 35572
Ion Ratio Lower Upper
156 100
77 204.9 100.5 301.5
158 97.9 48.9 146.6

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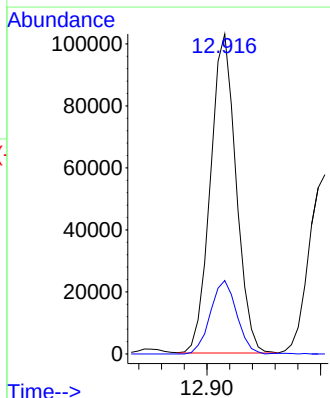
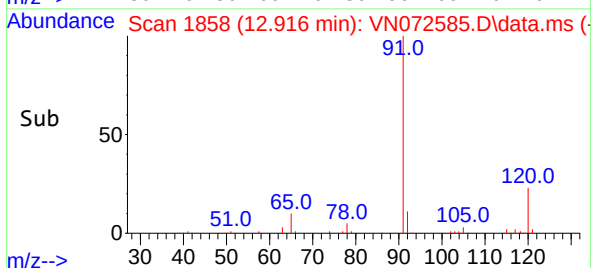
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

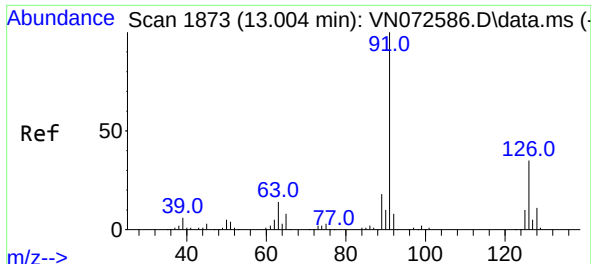


#78
n-propylbenzene
Concen: 20.860 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52



Tgt Ion: 91 Resp: 161409
Ion Ratio Lower Upper
91 100
120 23.5 11.9 35.5





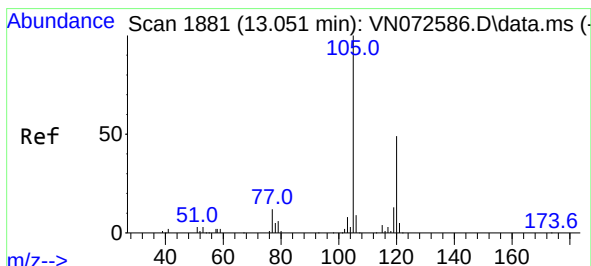
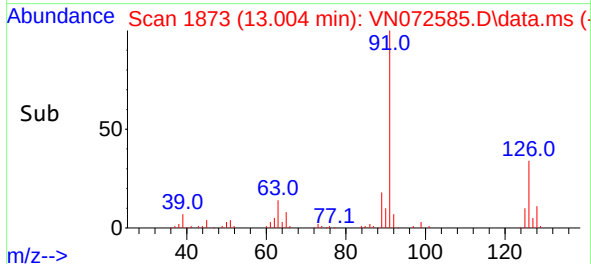
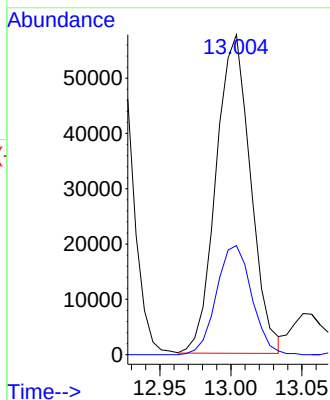
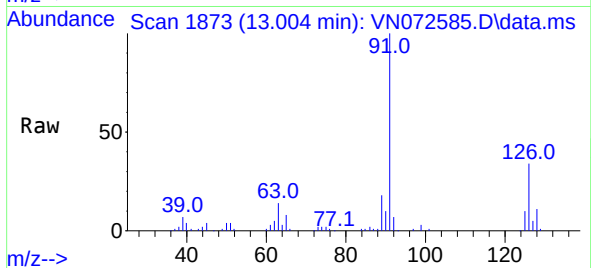
#79
2-Chlorotoluene
Concen: 19.113 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Tgt Ion: 91 Resp: 9738
Ion Ratio Lower Upper
91 100
126 35.0 17.3 51.9

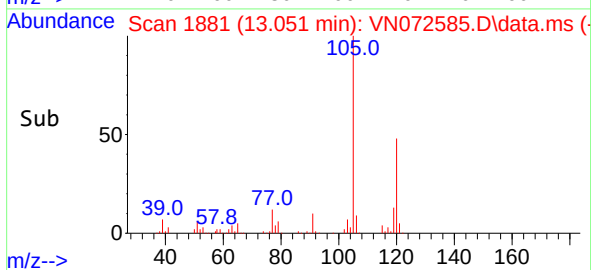
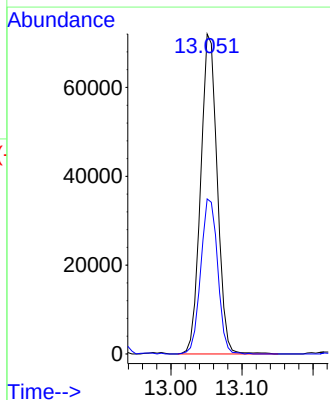
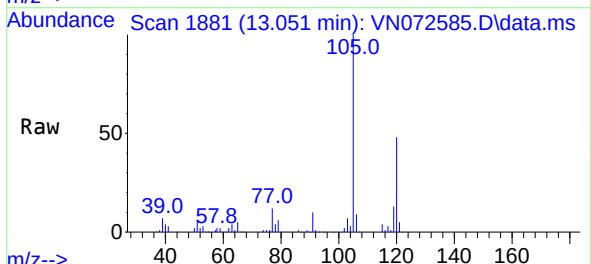
Manual Integrations
APPROVED

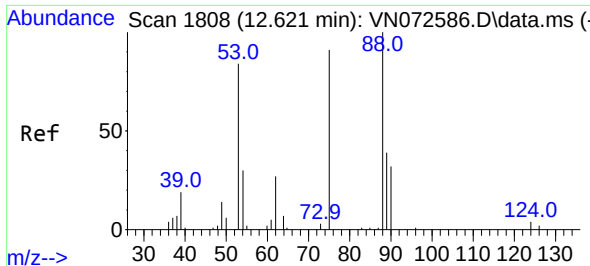
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.525 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

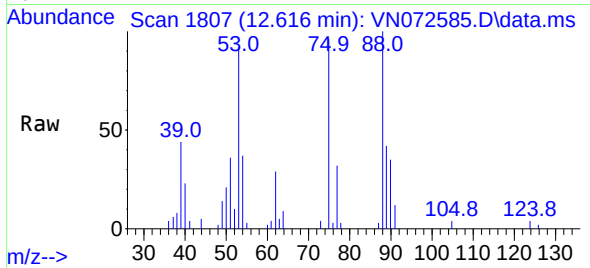
Tgt Ion:105 Resp: 117062
Ion Ratio Lower Upper
105 100
120 49.4 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 22.272 ug/l
RT: 12.616 min Scan# 1807
Delta R.T. -0.006 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

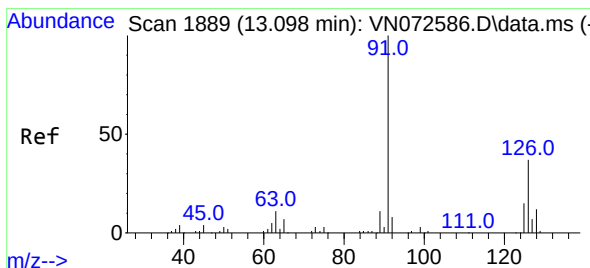
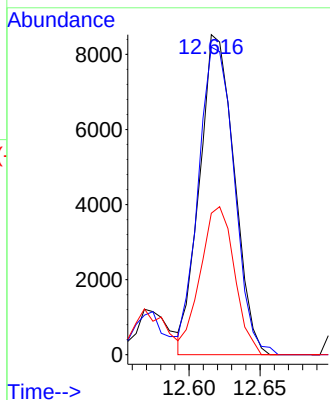
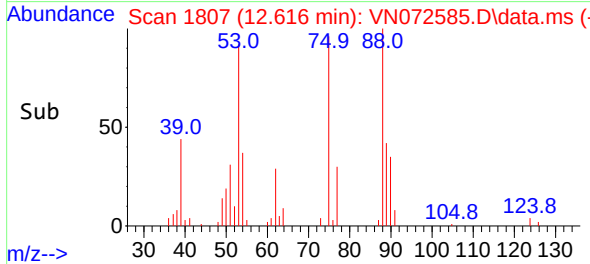
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



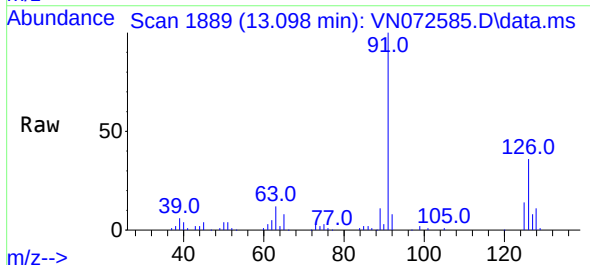
Tgt Ion: 75 Resp: 1445
Ion Ratio Lower Upper
75 100
53 100.9 78.0 117.0
89 45.7 37.2 55.8

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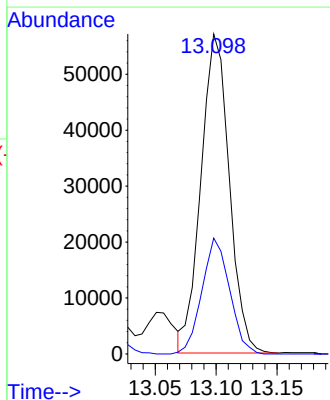
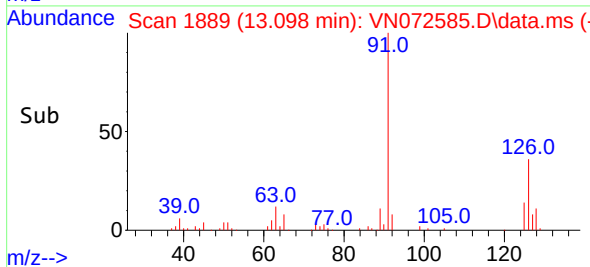
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

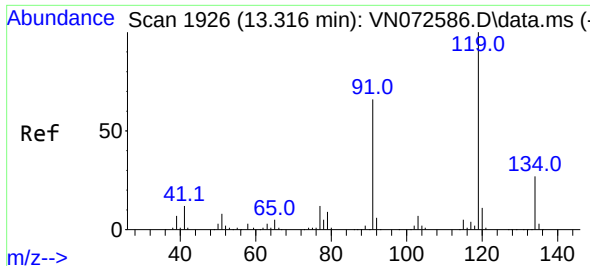


#82
4-Chlorotoluene
Concen: 19.368 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52



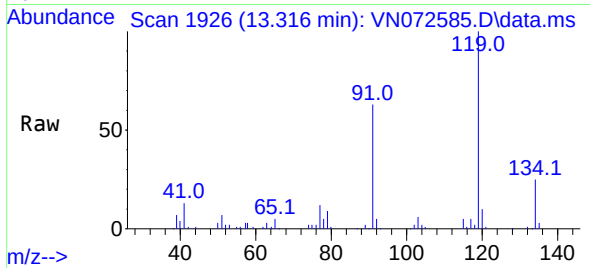
Tgt Ion: 91 Resp: 92211
Ion Ratio Lower Upper
91 100
126 35.5 17.2 51.6





#83
tert-Butylbenzene
Concen: 20.389 ug/l
RT: 13.316 min Scan# 1926
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

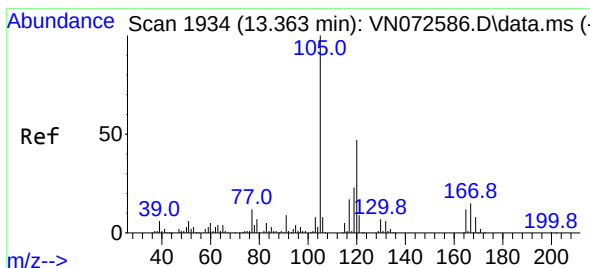
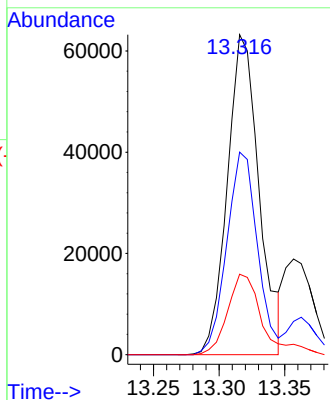
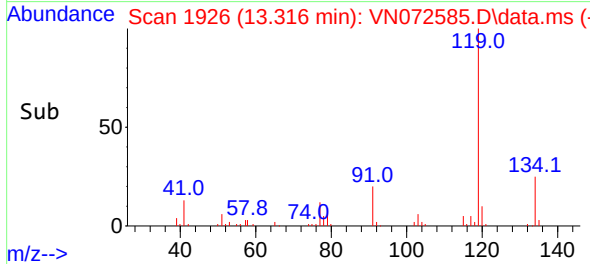
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



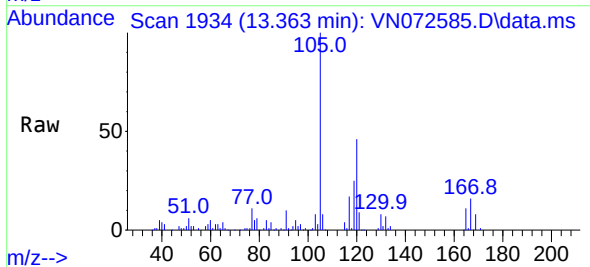
Tgt Ion:119 Resp: 106730
Ion Ratio Lower Upper
119 100
91 61.2 31.6 94.8
134 27.3 13.7 41.1

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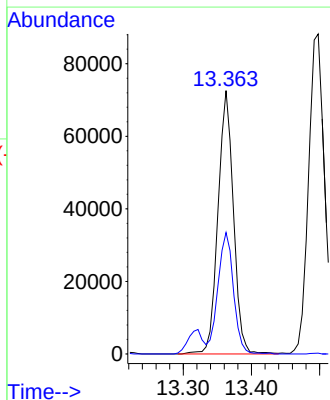
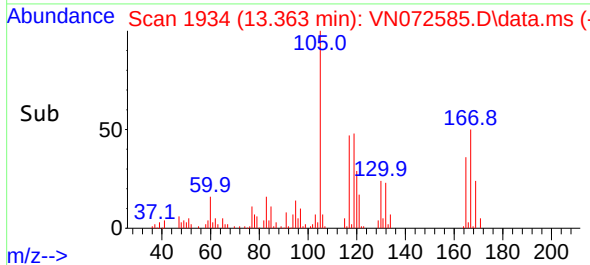
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

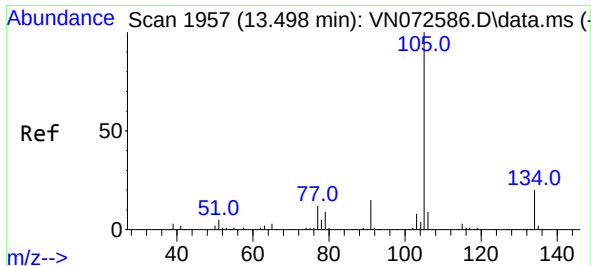


#84
1,2,4-Trimethylbenzene
Concen: 19.589 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52



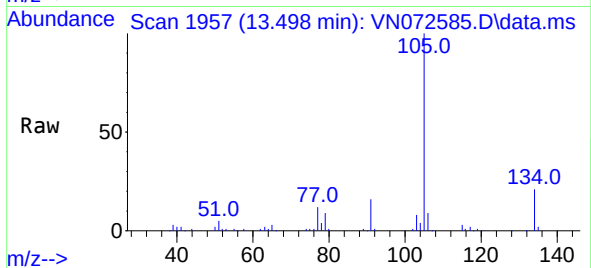
Tgt Ion:105 Resp: 114452
Ion Ratio Lower Upper
105 100
120 46.5 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 21.048 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072585.D
 Acq: 24 May 2022 13:52

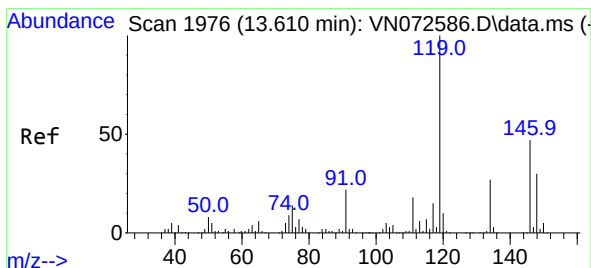
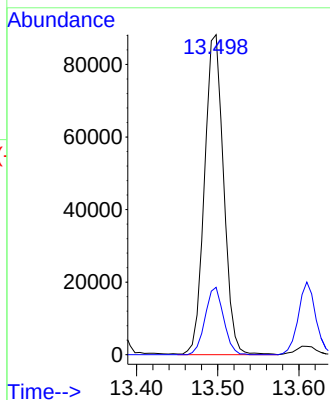
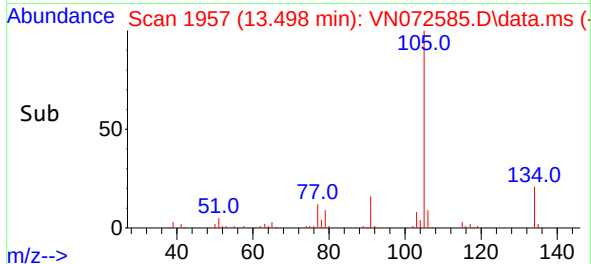
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020



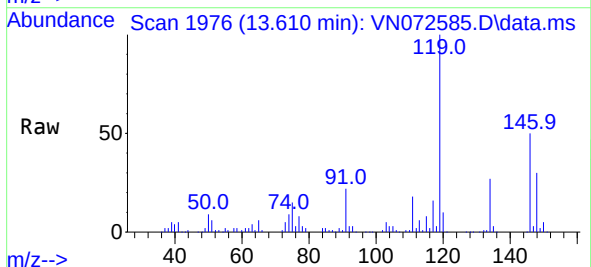
Tgt Ion:105 Resp: 143792
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.1

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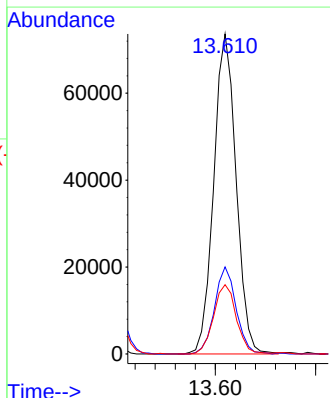
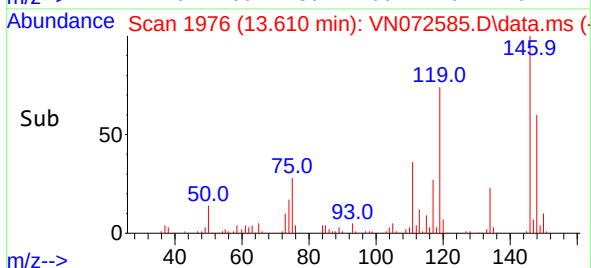
Reviewed By :John Carlone 05/25/2022
 Supervised By :Mahesh Dadoda 05/25/2022

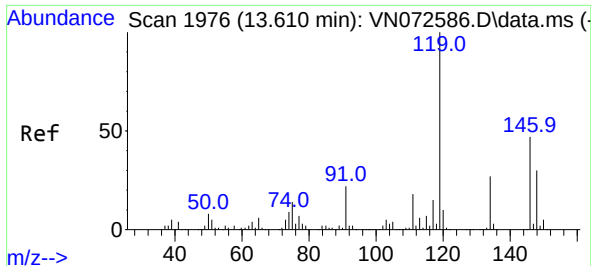


#86
 p-Isopropyltoluene
 Concen: 20.410 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072585.D
 Acq: 24 May 2022 13:52



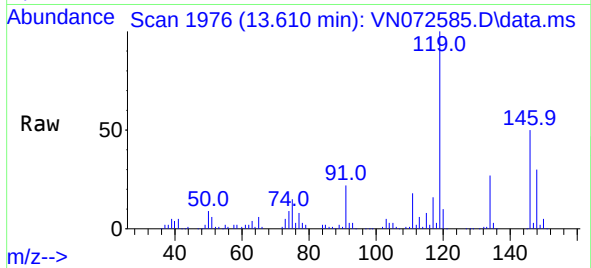
Tgt Ion:119 Resp: 113918
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.3 39.8
 91 22.1 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 20.055 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

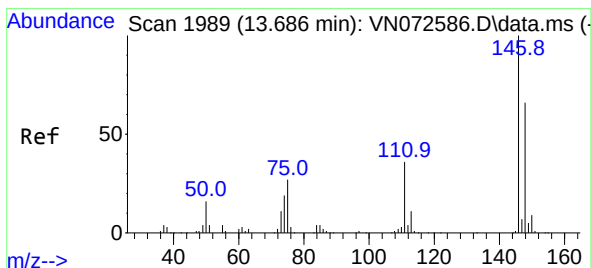
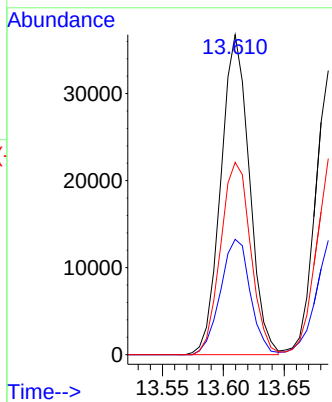
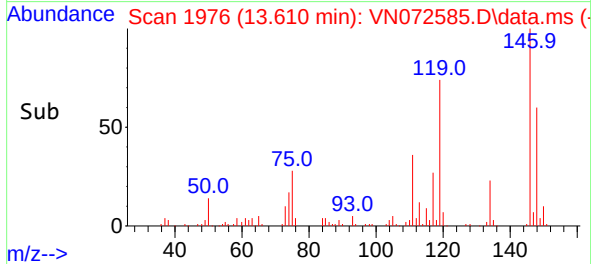
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



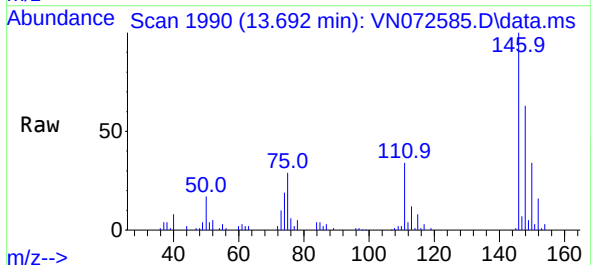
Tgt Ion:146 Resp: 5991
Ion Ratio Lower Upper
146 100
111 37.8 20.0 60.0
148 63.5 32.0 96.0

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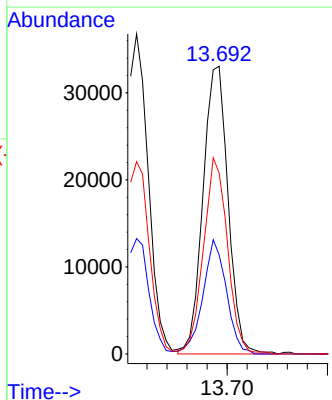
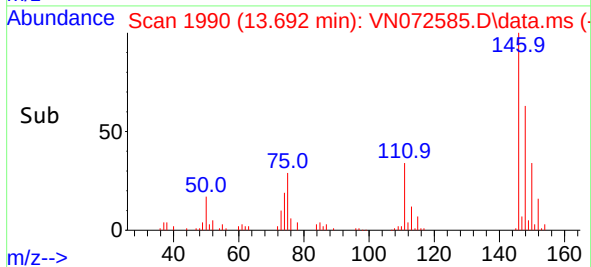
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

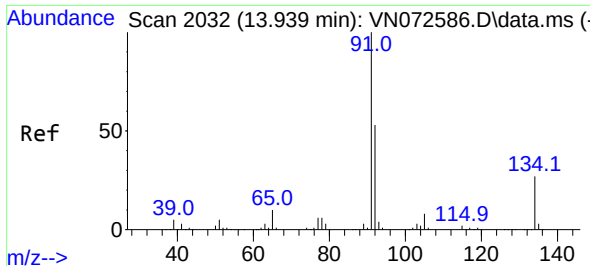


#88
1,4-Dichlorobenzene
Concen: 19.840 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.006 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52



Tgt Ion:146 Resp: 57465
Ion Ratio Lower Upper
146 100
111 37.3 19.1 57.1
148 65.5 31.4 94.3





#89
n-Butylbenzene
Concen: 20.618 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

Instrument :

MSVOA_N

ClientSampleId :

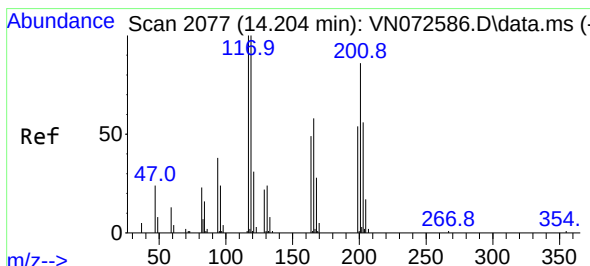
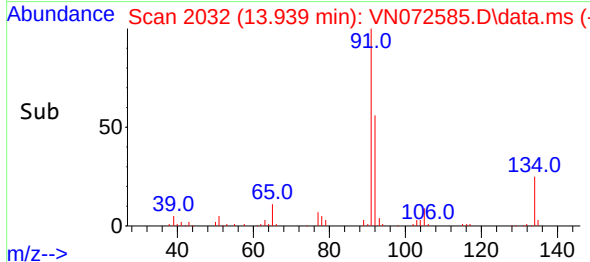
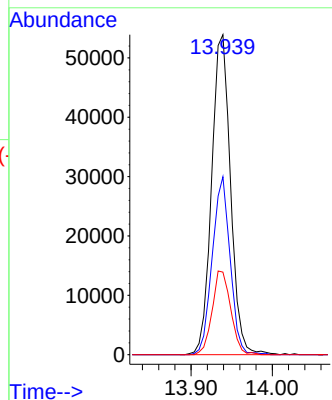
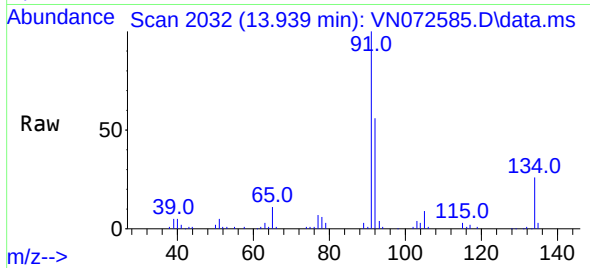
VSTDICC020

Tgt Ion: 91 Resp: 87275
Ion Ratio Lower Upper
91 100
92 52.4 26.9 80.7
134 25.7 13.6 40.8

Manual Integrations

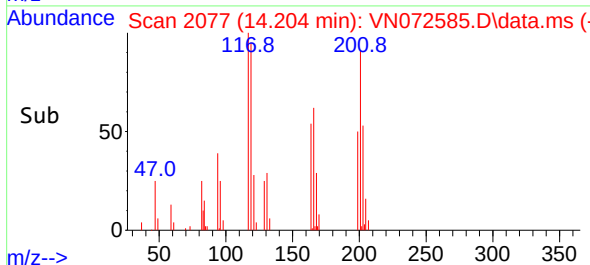
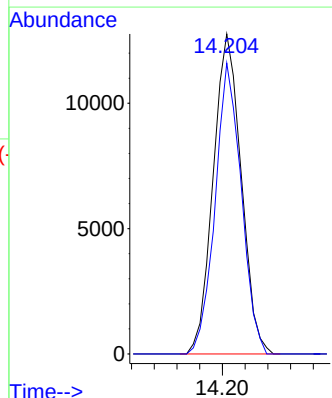
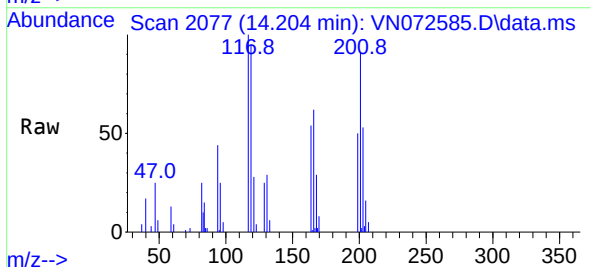
APPROVED

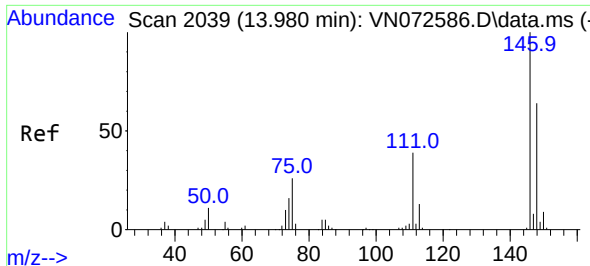
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#90
Hexachloroethane
Concen: 21.870 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

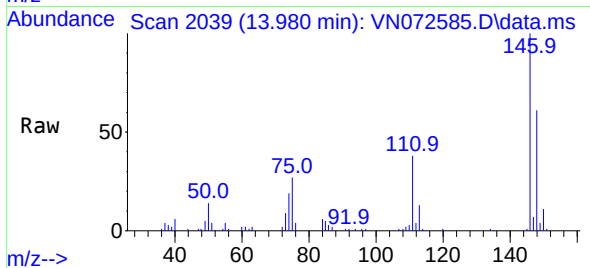
Tgt Ion:117 Resp: 21818
Ion Ratio Lower Upper
117 100
201 84.9 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 20.106 ug/l
RT: 13.980 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

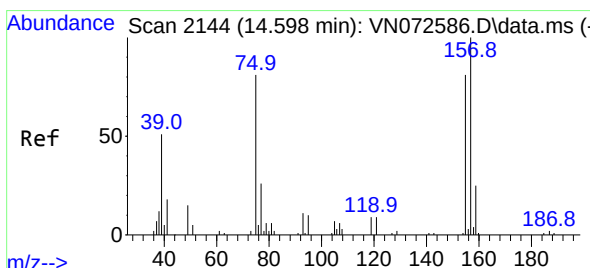
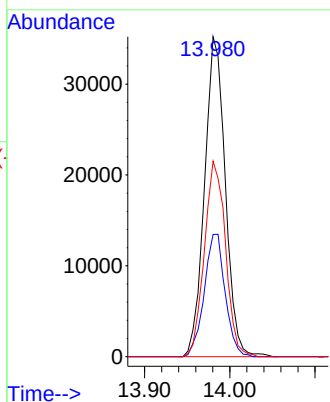
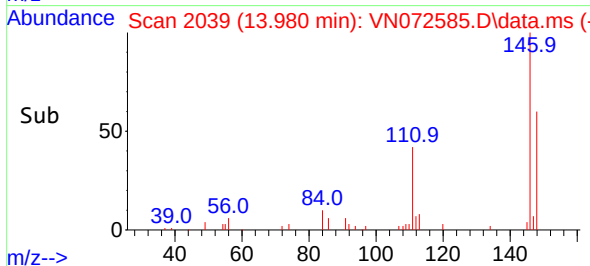
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020



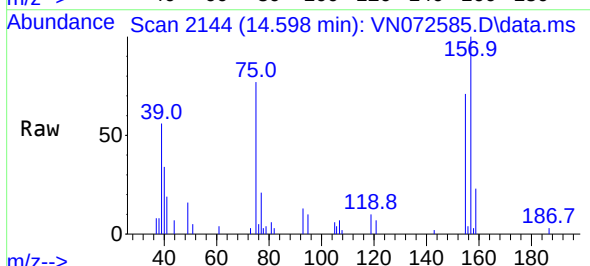
Tgt Ion:146 Resp: 5964
Ion Ratio Lower Upper
146 100
111 38.6 20.9 62.8
148 62.1 32.1 96.3

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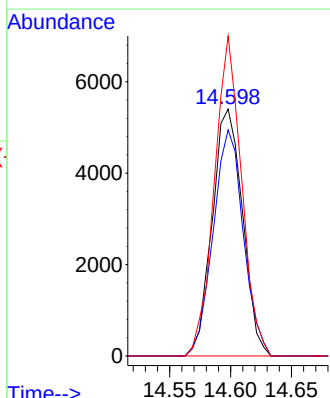
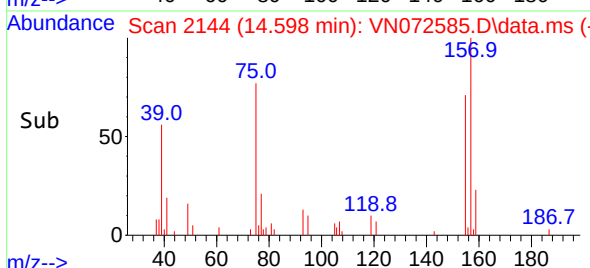
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

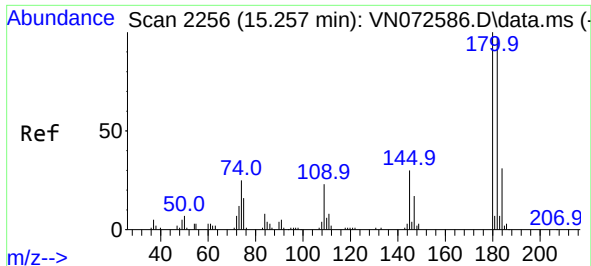


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.154 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52



Tgt Ion: 75 Resp: 9370
Ion Ratio Lower Upper
75 100
155 91.0 44.9 134.5
157 116.1 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 23.708 ug/l
RT: 15.257 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

Instrument :

MSVOA_N

ClientSampleId :

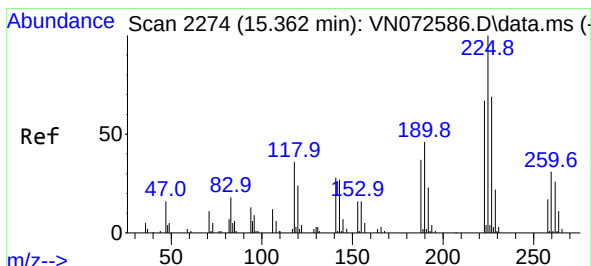
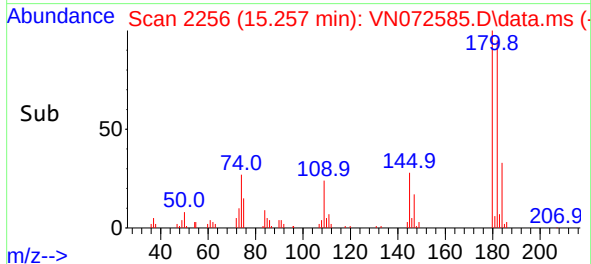
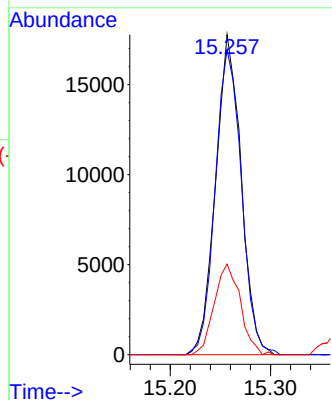
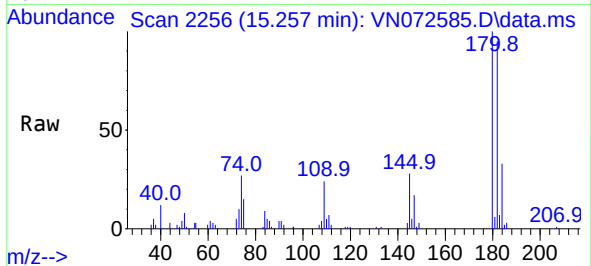
VSTDIC020

Tgt Ion:180 Resp: 31394
Ion Ratio Lower Upper
180 100
182 97.9 47.5 142.5
145 29.0 14.5 43.5

Manual Integrations

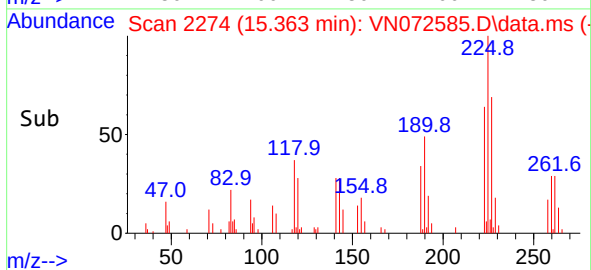
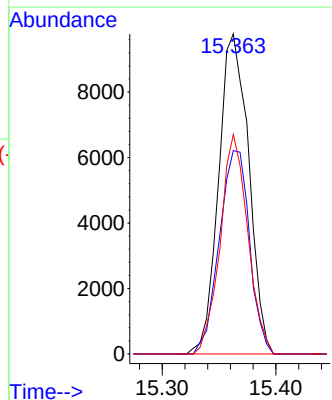
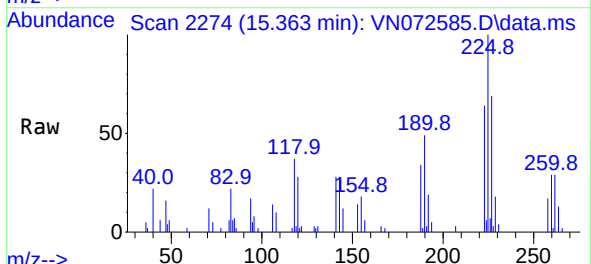
APPROVED

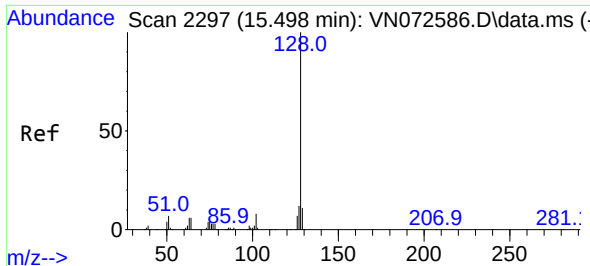
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#94
Hexachlorobutadiene
Concen: 21.801 ug/l
RT: 15.363 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

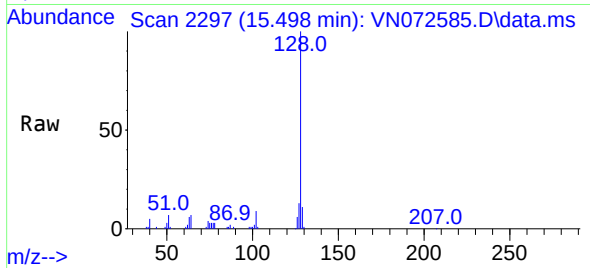
Tgt Ion:225 Resp: 17936
Ion Ratio Lower Upper
225 100
223 63.8 32.4 97.2
227 62.9 31.8 95.4





#95
Naphthalene
Concen: 26.426 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52

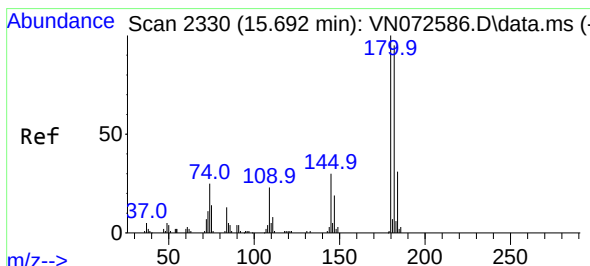
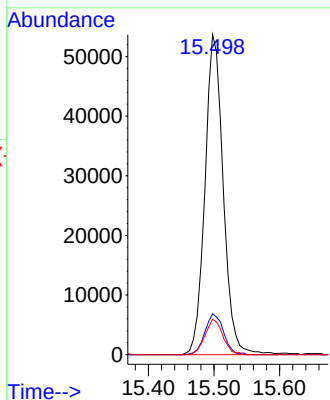
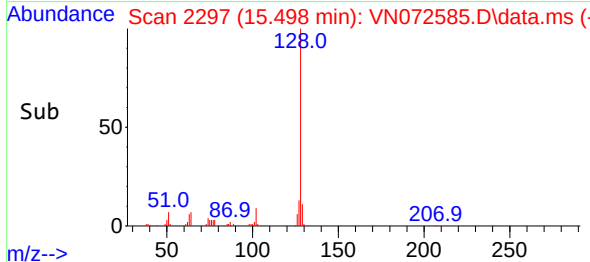
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020



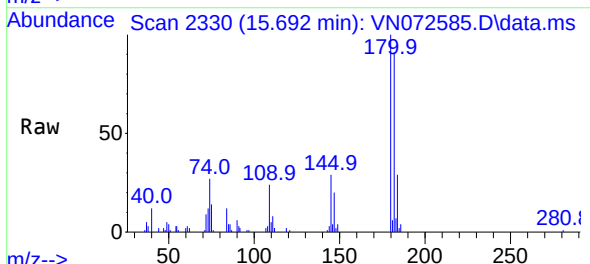
Tgt Ion:128 Resp: 10428
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.8 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 24.278 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. 0.000 min
Lab File: VN072585.D
Acq: 24 May 2022 13:52



Tgt Ion:180 Resp: 33310
Ion Ratio Lower Upper
180 100
182 95.8 47.8 143.3
145 31.1 15.5 46.5

