

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051222\
 Data File : VN072463.D
 Acq On : 12 May 2022 19:21
 Operator : JC\MD
 Sample : N2800-13
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP051122

Quant Time: May 13 02:49:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	219575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	351772	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	316829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	140166	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	173321	51.535	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.080%	
35) Dibromofluoromethane	8.022	113	116568	49.808	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 99.620%	
50) Toluene-d8	10.439	98	442946	49.696	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 99.400%	
62) 4-Bromofluorobenzene	12.727	95	158725	53.621	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 107.240%	

Target Compounds				Qvalue		
3) Chloromethane	2.299	50	1076	Below Cal	#	88
6) Chloroethane	3.004	64	213	Below Cal		96
10) Methyl Iodide	4.422	142	780	0.250	ug/l #	64
13) Acrolein	4.269	56	10252	19.054	ug/l	93
14) Allyl chloride	4.951	41	11618	2.824	ug/l #	53
15) Acrylonitrile	5.622	53	11654	7.799	ug/l #	37
16) Acetone	4.257	43	41780	31.368	ug/l #	54
18) Methyl Acetate	4.934	43	7318	1.866	ug/l #	48
20) Methylene Chloride	5.087	84	1497	0.548	ug/l #	1
23) Vinyl Acetate	6.410	43	5646	0.807	ug/l #	68
25) 2-Butanone	7.339	43	15262	7.260	ug/l #	87
26) 2,2-Dichloropropane	7.139	77	4166	1.051	ug/l #	53
30) Chloroform	7.775	83	9368	1.952	ug/l #	18
31) Cyclohexane	8.092	56	150461	33.763	ug/l	94
36) 1,1-Dichloropropene	8.086	75	17568	5.226	ug/l #	62
37) Ethyl Acetate	7.339	43	15262	3.784	ug/l #	67
38) Carbon Tetrachloride	8.086	117	23282	6.189	ug/l #	16
39) Methylcyclohexane	9.457	83	132453	35.061	ug/l	93
41) Methacrylonitrile	7.657	41	2519	1.261	ug/l #	29
43) Isopropyl Acetate	8.557	43	8764	1.415	ug/l #	53
45) 1,2-Dichloropropane	9.451	63	1482	0.578	ug/l #	1
47) Bromodichloromethane	9.639	83	2460	0.676	ug/l #	26
48) Methyl methacrylate	9.598	41	2509	0.868	ug/l #	10
51) 4-Methyl-2-Pentanone	10.327	43	5747	1.494	ug/l #	75
52) Toluene	10.504	92	6990	1.129	ug/l	92
55) 1,1,2-Trichloroethane	10.874	97	5441	2.109	ug/l #	20
56) Ethyl methacrylate	10.774	69	1572	0.425	ug/l #	47
58) 2-Chloroethyl Vinyl ether	10.033	63	114	17.447	ug/l #	44
59) 2-Hexanone	11.080	43	4148	1.538	ug/l #	50
67) Ethyl Benzene	11.839	91	52784	4.726	ug/l	98
68) m/p-Xylenes	11.945	106	588831	139.011	ug/l	94
69) o-Xylene	12.274	106	611385	146.902	ug/l	93
70) Styrene	12.274	104	30842	4.844	ug/l #	1
73) Isopropylbenzene	12.574	105	131156	11.295	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.804	83	1827	0.433	ug/l #	25
76) 1,2,3-Trichloropropane	12.986	75	5168	1.414	ug/l #	1

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

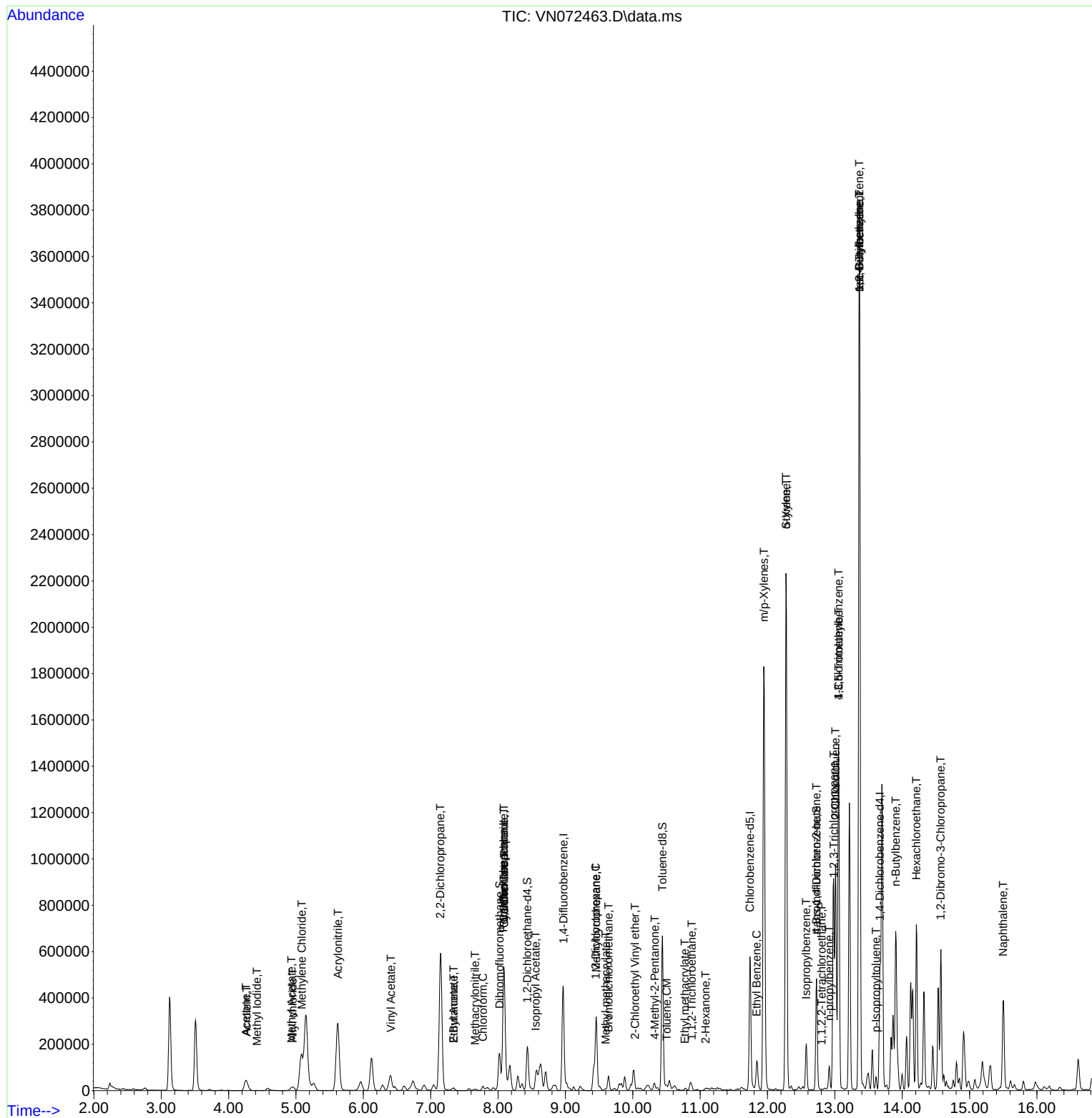
78) n-propylbenzene	12.916	91	76354	6.145	ug/l	98
79) 2-Chlorotoluene	13.010	91	75060	9.195	ug/l #	40
80) 1,3,5-Trimethylbenzene	13.057	105	835510	87.856	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.727	75	85941	78.424	ug/l #	11
82) 4-Chlorotoluene	13.057	91	95634	12.363	ug/l #	40
83) tert-Butylbenzene	13.363	119	261349	31.392	ug/l #	56
84) 1,2,4-Trimethylbenzene	13.363	105	2207064	238.572	ug/l	96
85) sec-Butylbenzene	13.363	105	2207064	198.778	ug/l #	56
86) p-Isopropyltoluene	13.610	119	29951	3.463	ug/l	96
89) n-Butylbenzene	13.904	91	54784	8.287	ug/l #	1
90) Hexachloroethane	14.210	117	36037	20.851	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.568	75	2973	4.056	ug/l #	1
95) Naphthalene	15.498	128	369748	54.863	ug/l	99

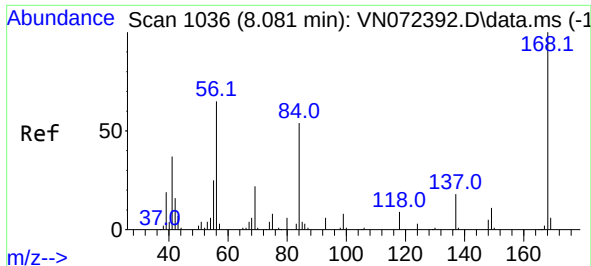
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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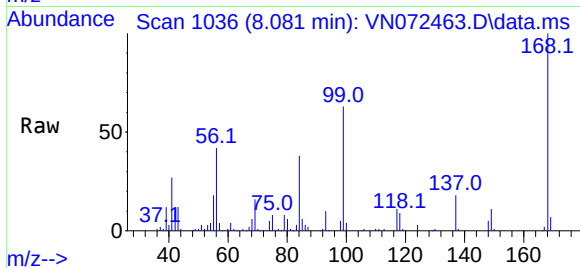
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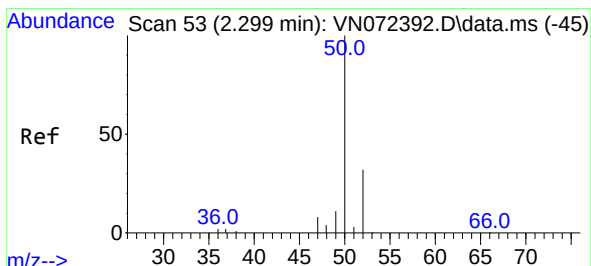
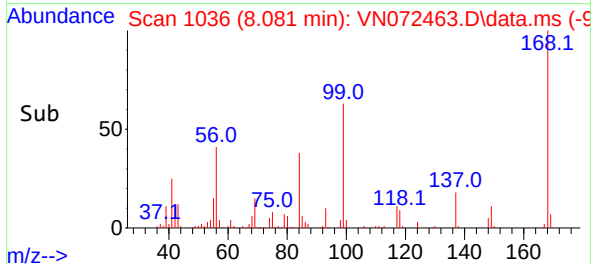
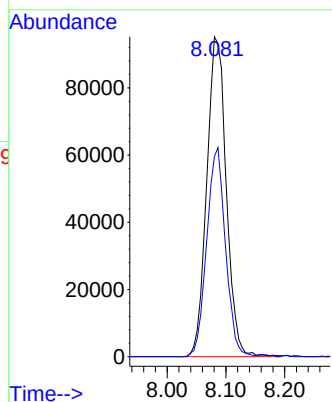


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

Instrument :
MSVOA_N
ClientSampleId :
DUP051122

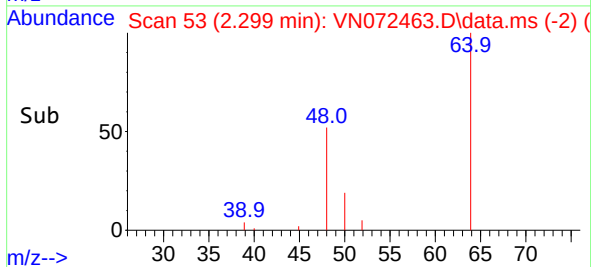
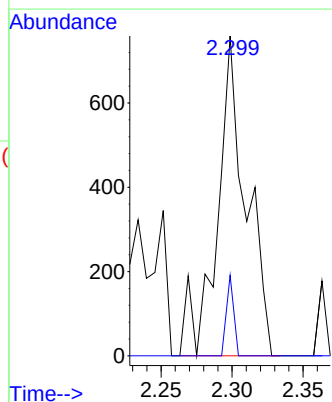
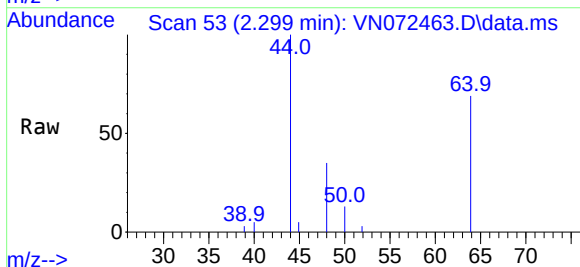


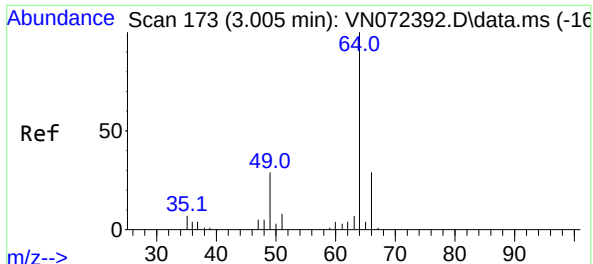
Tgt Ion:168 Resp: 219575
Ion Ratio Lower Upper
168 100
99 62.6 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

Tgt Ion: 50 Resp: 1076
Ion Ratio Lower Upper
50 100
52 25.2 25.7 38.5#

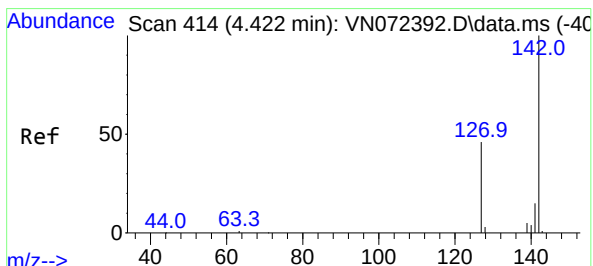
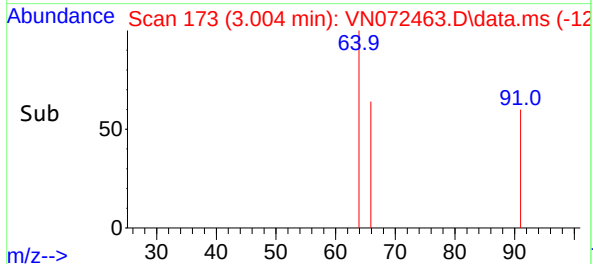
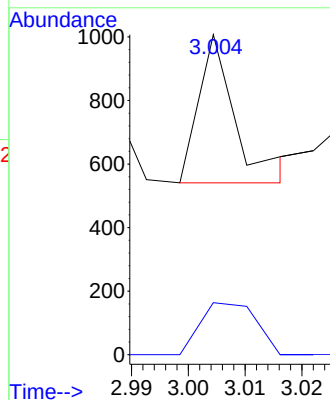
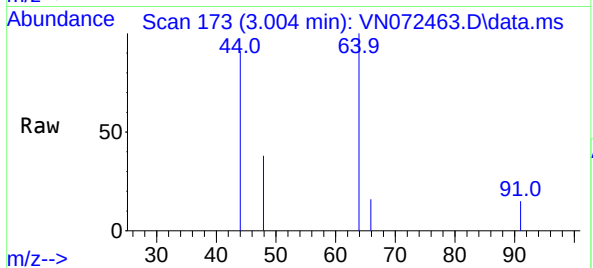




#6
Chloroethane
Concen: Below Cal
RT: 3.004 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

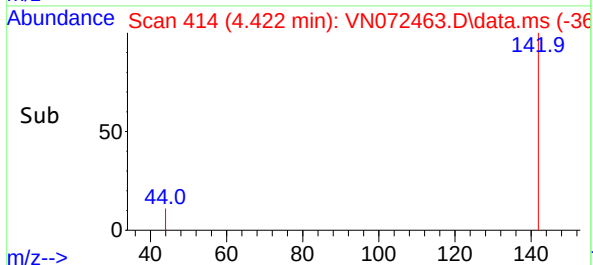
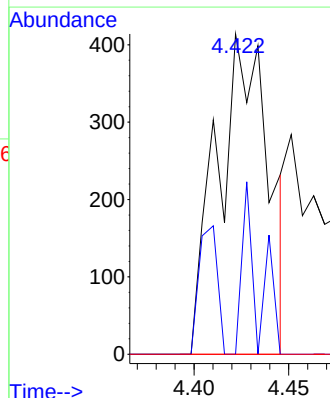
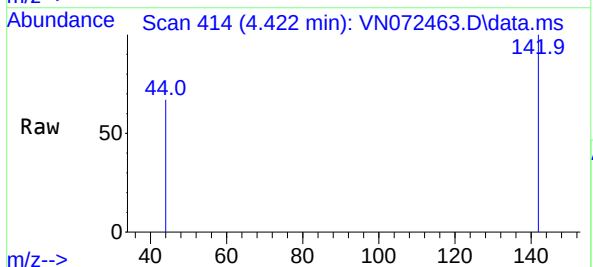
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ClientSampleId :
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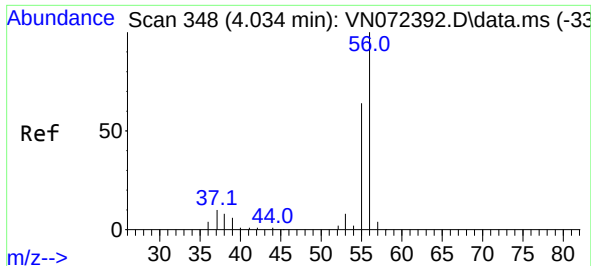
Tgt Ion: 64 Resp: 213
Ion Ratio Lower Upper
64 100
66 35.2 26.2 39.4



#10
Methyl Iodide
Concen: 0.250 ug/l
RT: 4.422 min Scan# 414
Delta R.T. -0.000 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

Tgt Ion:142 Resp: 780
Ion Ratio Lower Upper
142 100
127 17.1 31.3 46.9#
141 0.0 11.2 16.8#





#13

Acrolein

Concen: 19.054 ug/l

RT: 4.269 min Scan# 3

Delta R.T. 0.235 min

Lab File: VN072463.D

Acq: 12 May 2022 19:21

Instrument :

MSVOA_N

ClientSampleId :

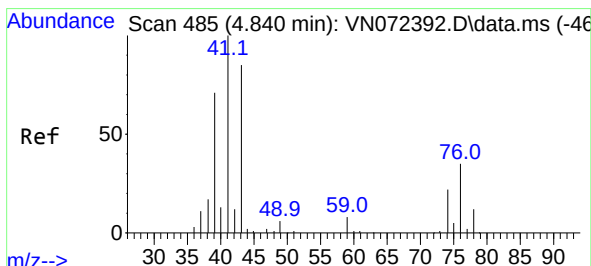
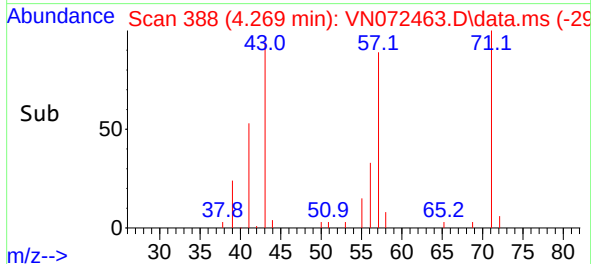
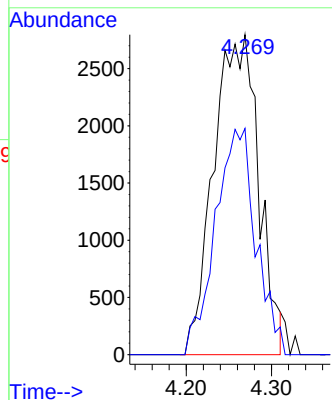
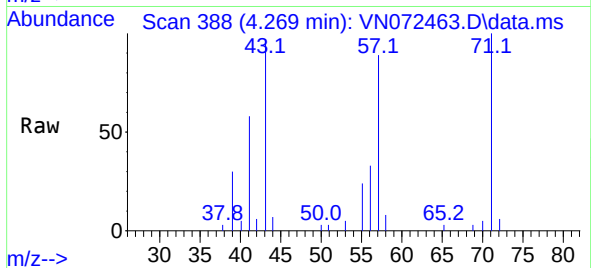
DUP051122

Tgt Ion: 56 Resp: 10252

Ion Ratio Lower Upper

56 100

55 63.0 54.8 82.2



#14

Allyl chloride

Concen: 2.824 ug/l

RT: 4.951 min Scan# 504

Delta R.T. 0.111 min

Lab File: VN072463.D

Acq: 12 May 2022 19:21

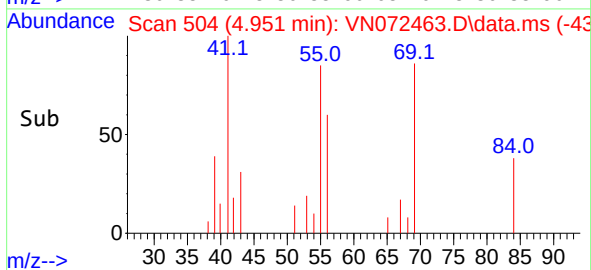
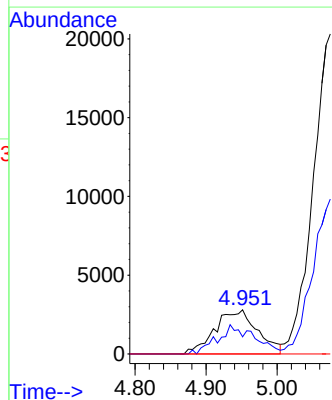
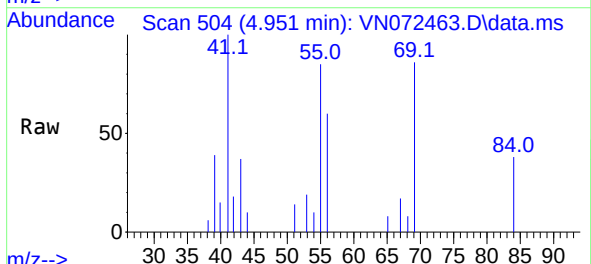
Tgt Ion: 41 Resp: 11618

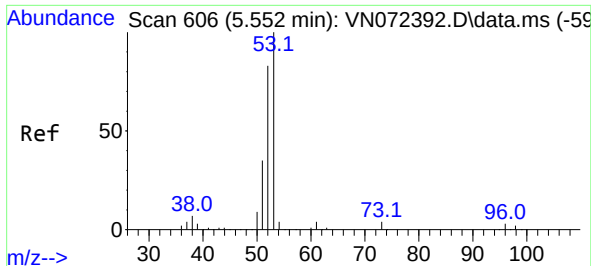
Ion Ratio Lower Upper

41 100

39 35.7 53.2 79.8#

76 0.0 29.9 44.9#

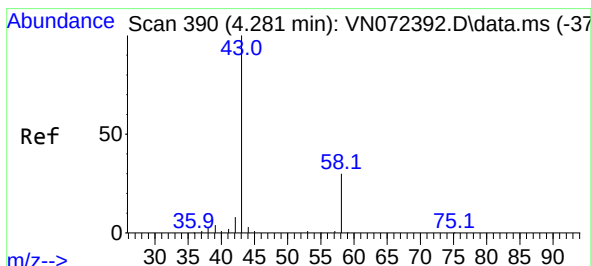
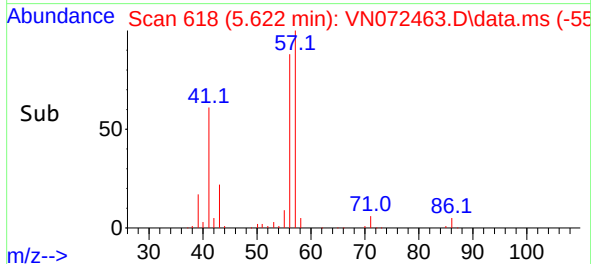
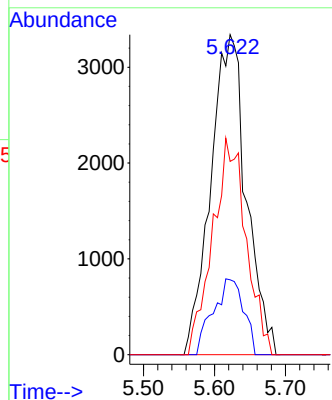
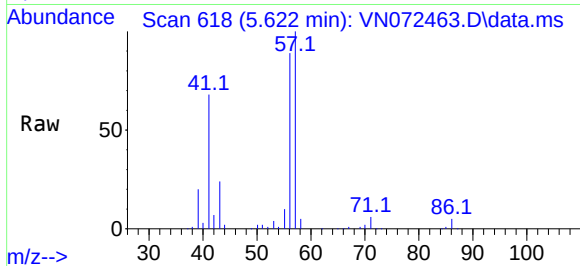




#15
Acrylonitrile
Concen: 7.799 ug/l
RT: 5.622 min Scan# 61
Delta R.T. 0.070 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

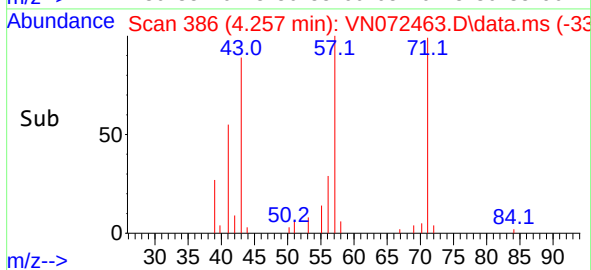
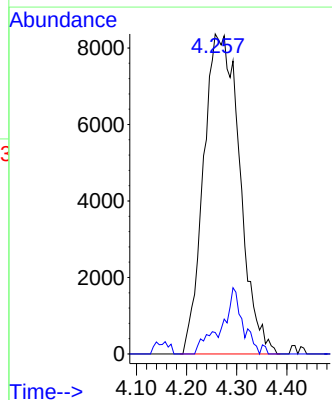
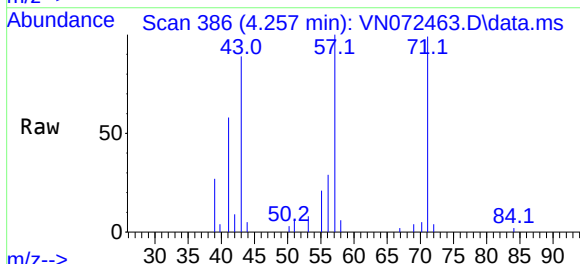
Instrument :
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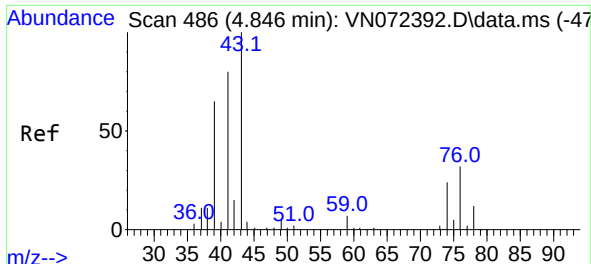
Tgt Ion: 53 Resp: 11654
Ion Ratio Lower Upper
53 100
52 20.2 66.4 99.6#
51 63.0 28.5 42.7#



#16
Acetone
Concen: 31.368 ug/l
RT: 4.257 min Scan# 386
Delta R.T. -0.024 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

Tgt Ion: 43 Resp: 41780
Ion Ratio Lower Upper
43 100
58 6.7 26.0 39.0#

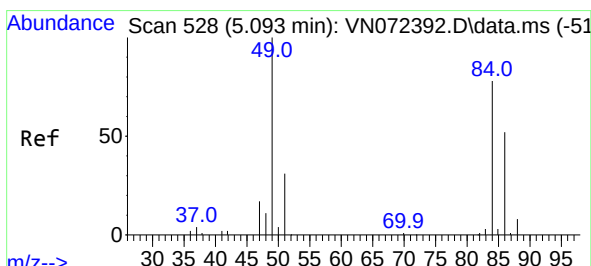
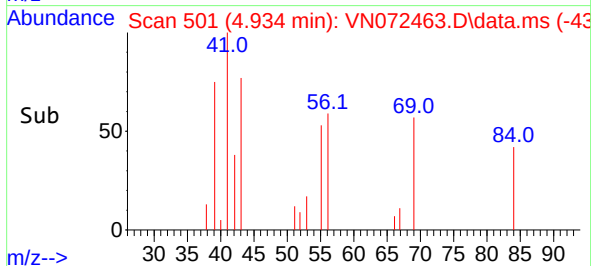
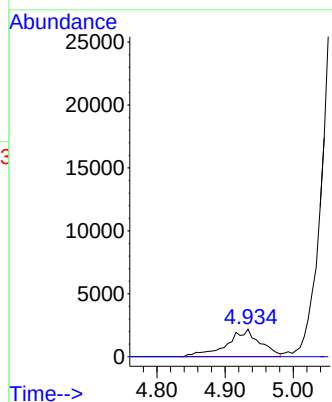
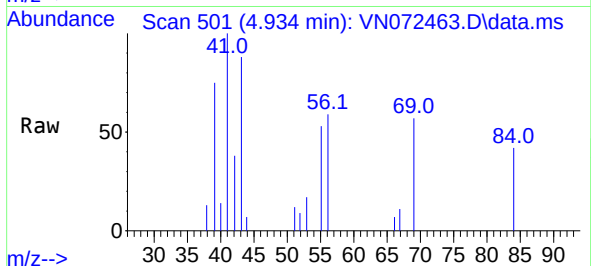




#18
Methyl Acetate
Concen: 1.866 ug/l
RT: 4.934 min Scan# 501
Delta R.T. 0.088 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

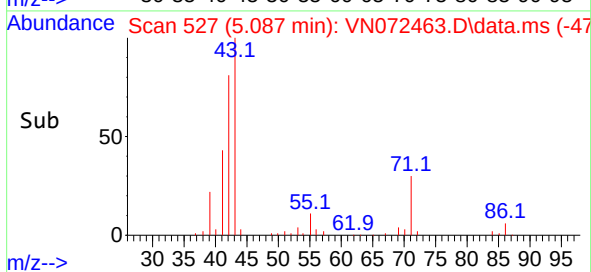
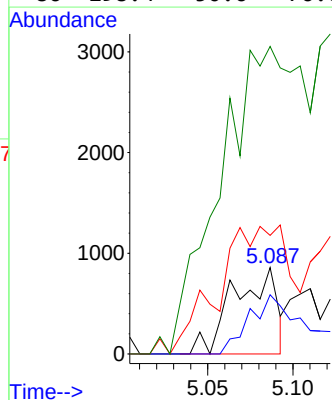
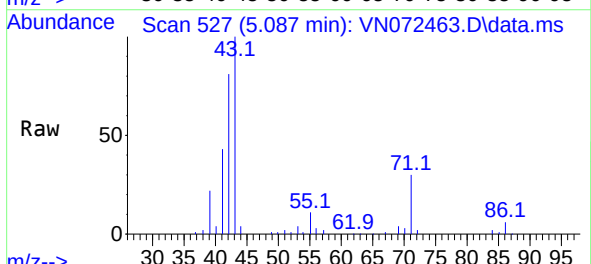
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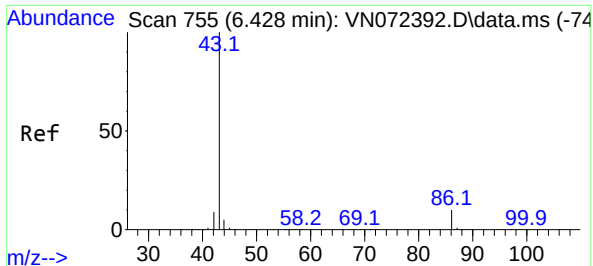
Tgt Ion: 43 Resp: 7318
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#



#20
Methylene Chloride
Concen: 0.548 ug/l
RT: 5.087 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

Tgt Ion: 84 Resp: 1497
Ion Ratio Lower Upper
84 100
49 68.6 88.3 132.5#
51 117.5 28.2 42.2#
86 298.4 50.6 76.0#

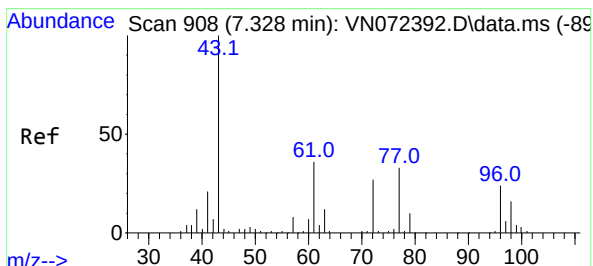
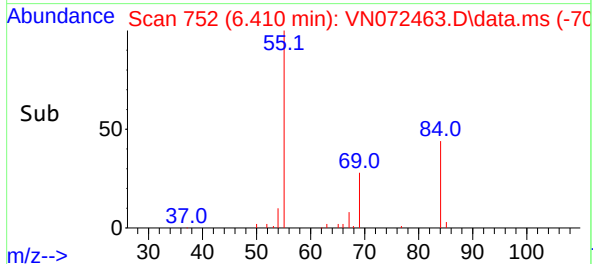
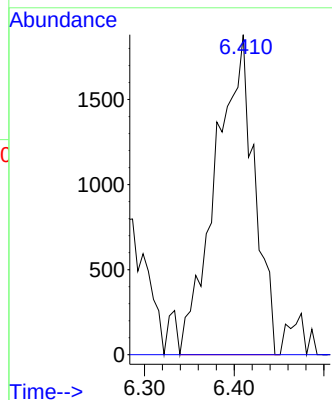
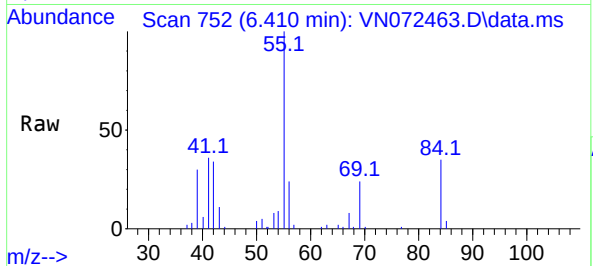




#23
 Vinyl Acetate
 Concen: 0.807 ug/l
 RT: 6.410 min Scan# 71
 Delta R.T. -0.018 min
 Lab File: VN072463.D
 Acq: 12 May 2022 19:21

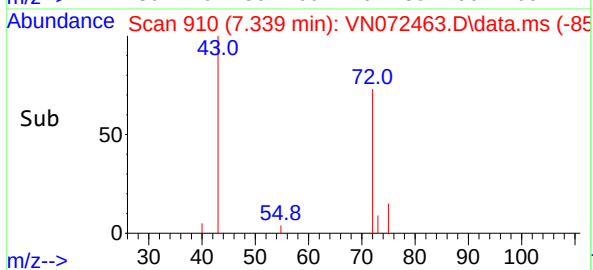
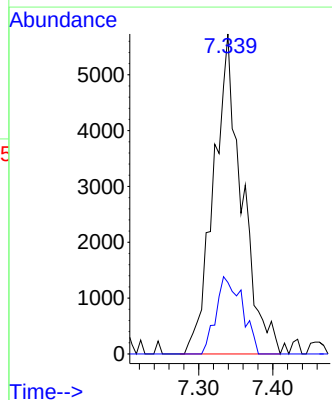
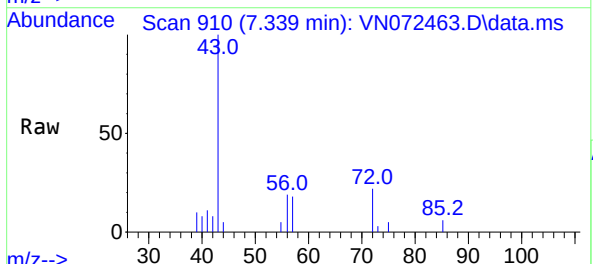
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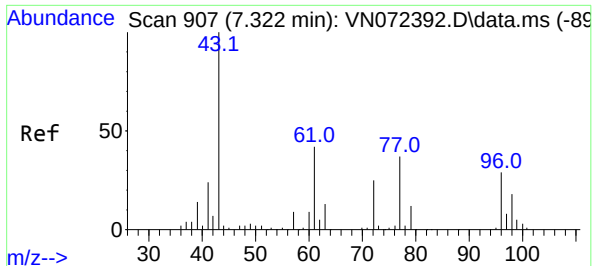
Tgt Ion: 43 Resp: 5646
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.0 15.0#



#25
 2-Butanone
 Concen: 7.260 ug/l
 RT: 7.339 min Scan# 910
 Delta R.T. 0.011 min
 Lab File: VN072463.D
 Acq: 12 May 2022 19:21

Tgt Ion: 43 Resp: 15262
 Ion Ratio Lower Upper
 43 100
 72 22.4 23.7 35.5#





#26

2,2-Dichloropropane

Concen: 1.051 ug/l

RT: 7.139 min Scan# 81

Delta R.T. -0.183 min

Lab File: VN072463.D

Acq: 12 May 2022 19:21

Instrument :

MSVOA_N

ClientSampleId :

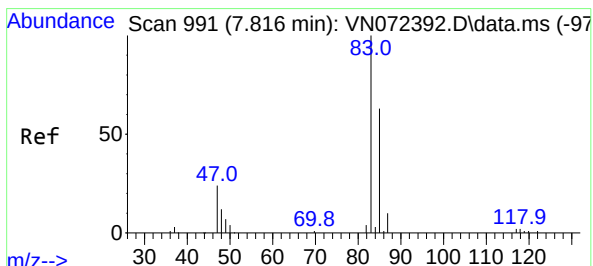
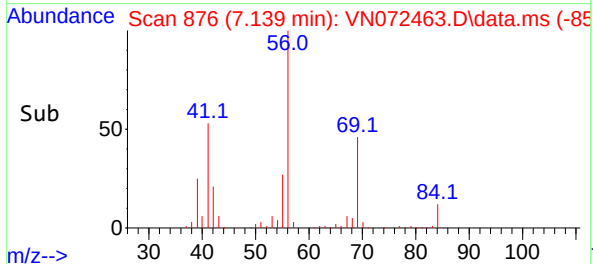
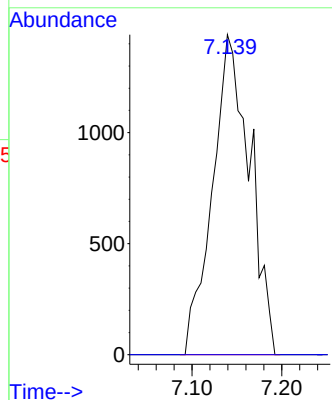
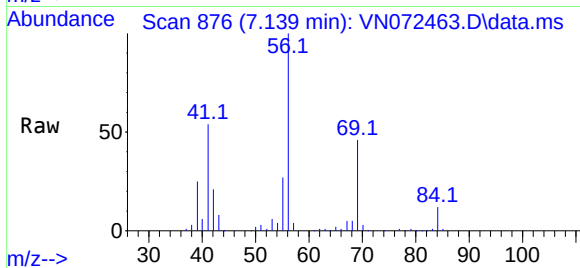
DUP051122

Tgt Ion: 77 Resp: 4166

Ion Ratio Lower Upper

77 100

97 0.0 11.4 34.2#



#30

Chloroform

Concen: 1.952 ug/l

RT: 7.775 min Scan# 984

Delta R.T. -0.041 min

Lab File: VN072463.D

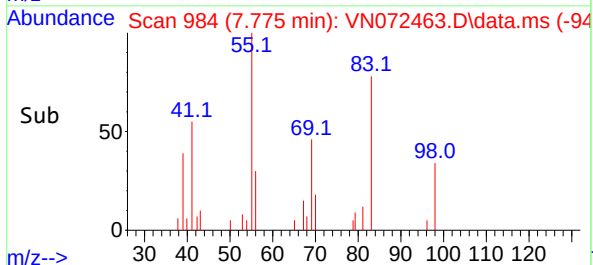
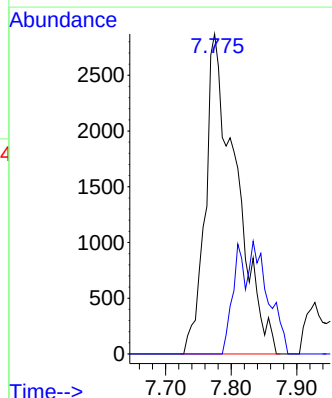
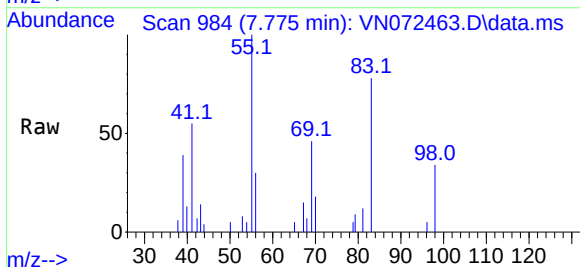
Acq: 12 May 2022 19:21

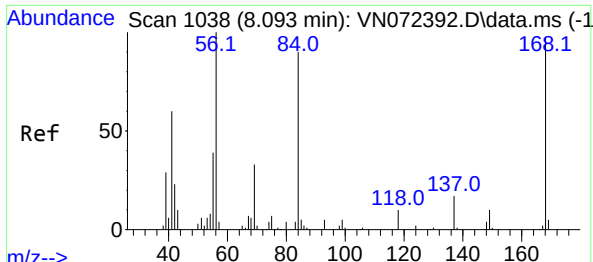
Tgt Ion: 83 Resp: 9368

Ion Ratio Lower Upper

83 100

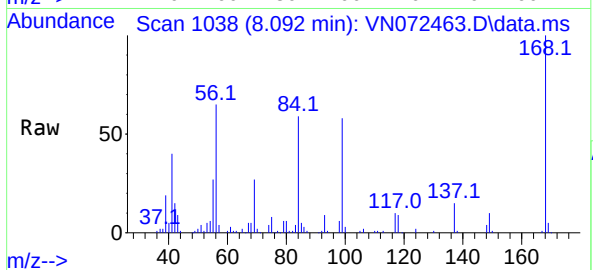
85 0.0 51.8 77.8#



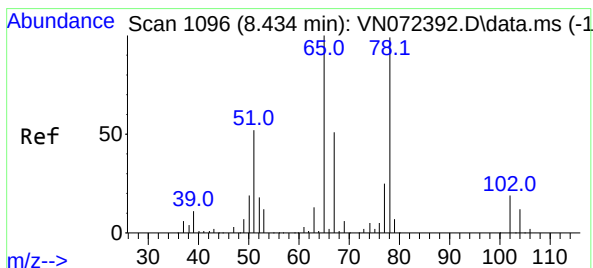
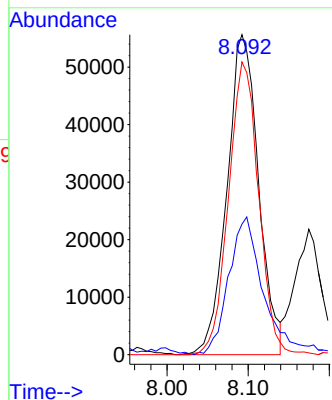
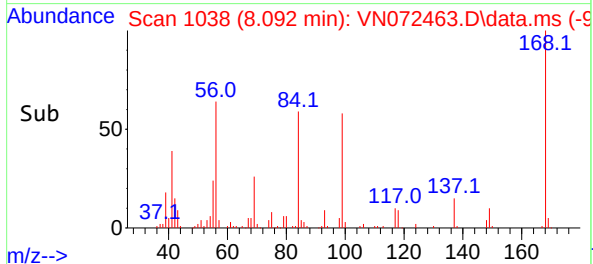


#31
Cyclohexane
Concen: 33.763 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. -0.001 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

Instrument :
MSVOA_N
ClientSampleId :
DUP051122

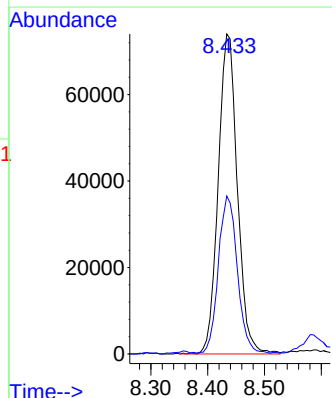
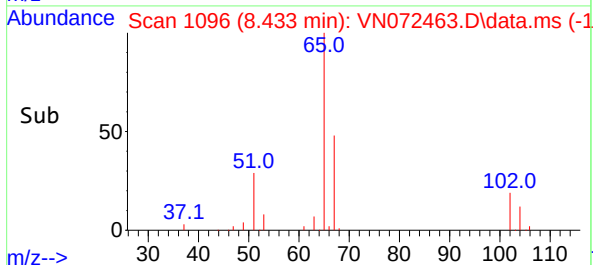
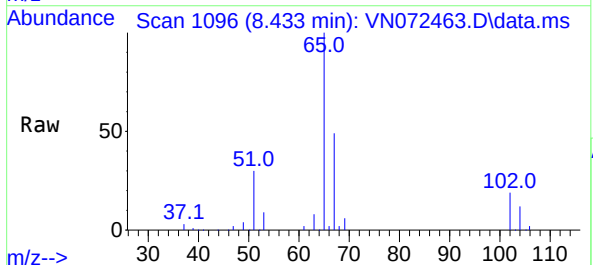


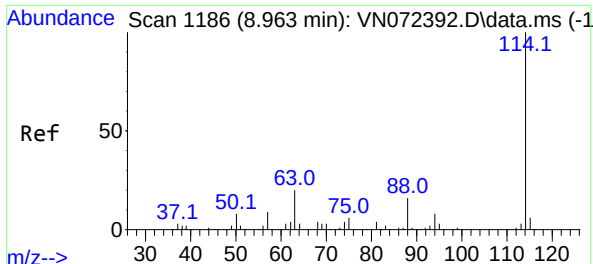
Tgt Ion: 56 Resp: 150461
Ion Ratio Lower Upper
56 100
69 40.3 27.8 41.8
84 91.5 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 51.535 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

Tgt Ion: 65 Resp: 173321
Ion Ratio Lower Upper
65 100
67 48.4 0.0 104.8

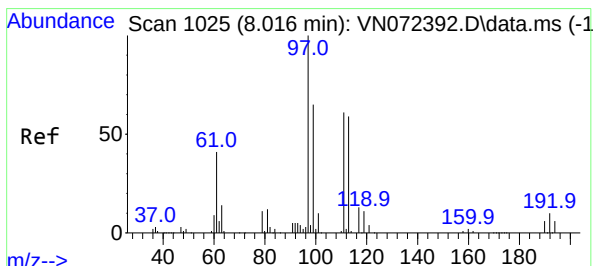
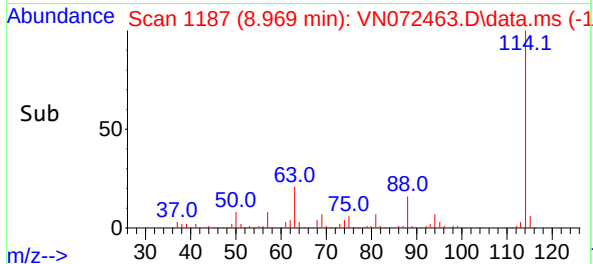
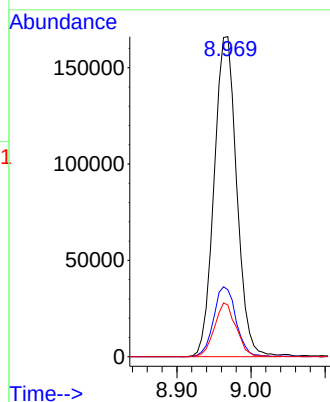
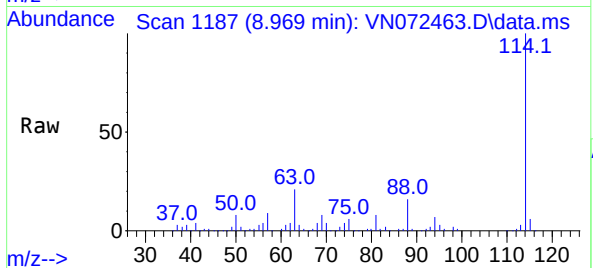




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.969 min Scan# 1186
Delta R.T. 0.006 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

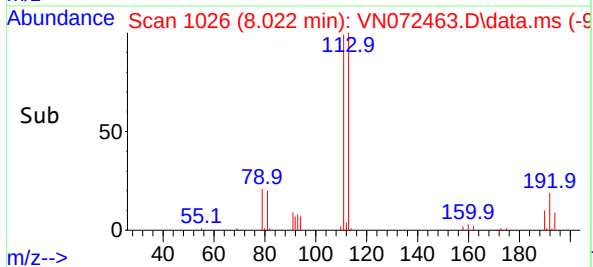
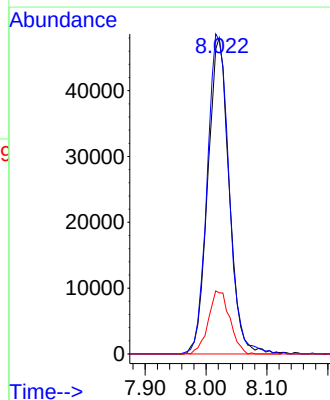
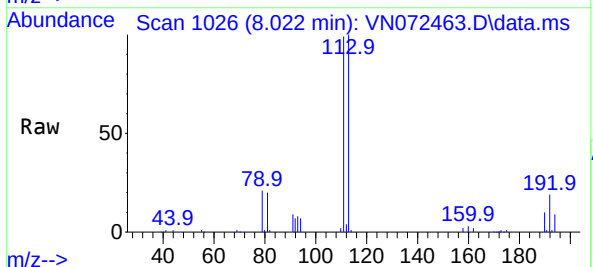
Instrument :
MSVOA_N
ClientSampleId :
DUP051122

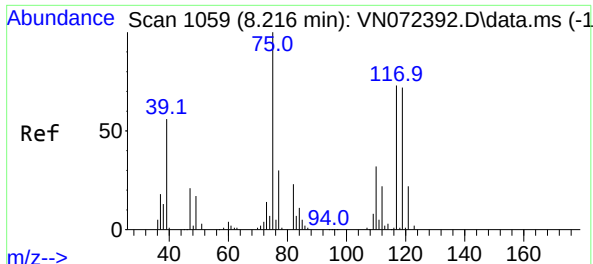
Tgt Ion:114 Resp: 351772
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.0
88 16.2 0.0 32.6



#35
Dibromofluoromethane
Concen: 49.808 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.006 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

Tgt Ion:113 Resp: 116568
Ion Ratio Lower Upper
113 100
111 103.9 81.4 122.0
192 20.1 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.226 ug/l

RT: 8.086 min Scan# 1

Delta R.T. -0.130 min

Lab File: VN072463.D

Acq: 12 May 2022 19:21

Instrument :

MSVOA_N

ClientSampleId :

DUP051122

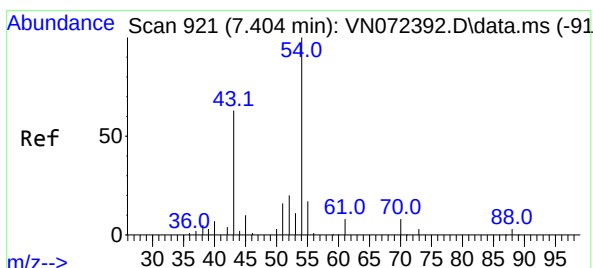
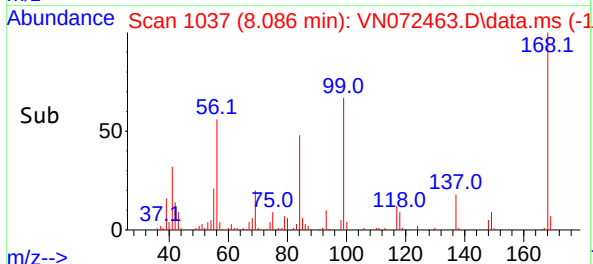
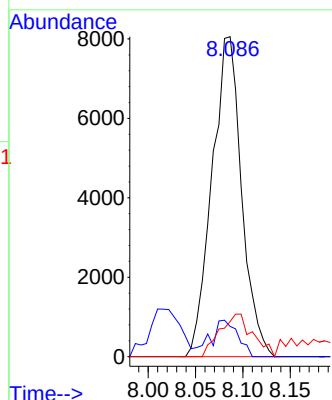
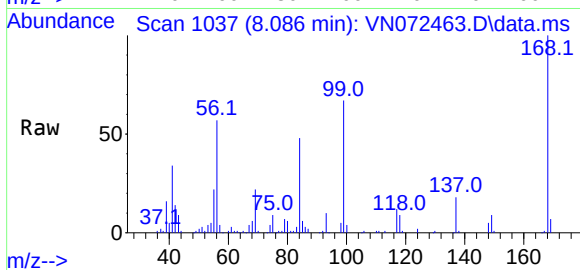
Tgt Ion: 75 Resp: 17568

Ion Ratio Lower Upper

75 100

110 10.1 18.3 54.8#

77 14.7 25.1 37.7#



#37

Ethyl Acetate

Concen: 3.784 ug/l

RT: 7.339 min Scan# 910

Delta R.T. -0.065 min

Lab File: VN072463.D

Acq: 12 May 2022 19:21

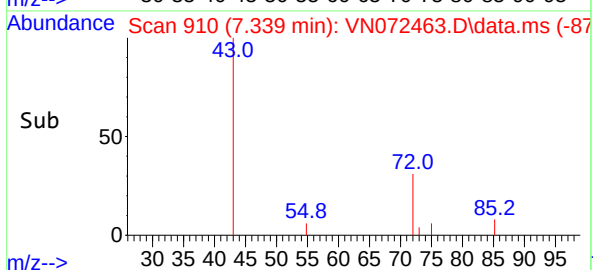
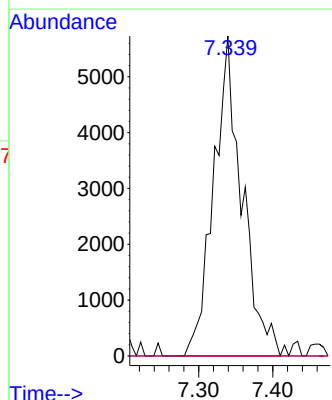
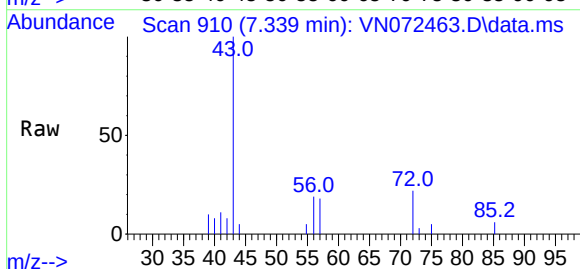
Tgt Ion: 43 Resp: 15262

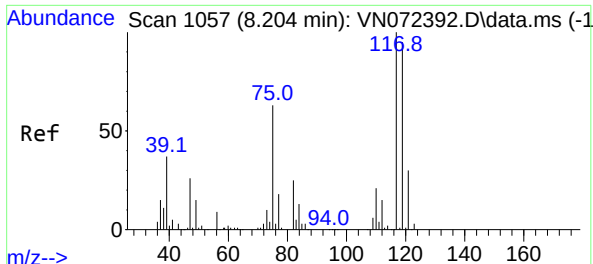
Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.6#

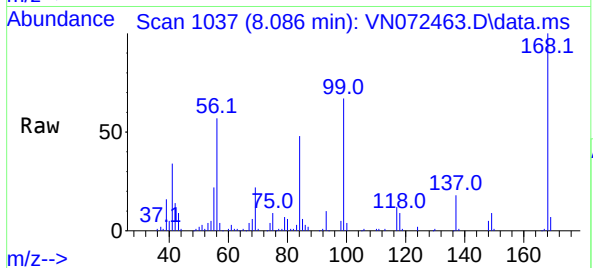
70 0.0 9.3 13.9#



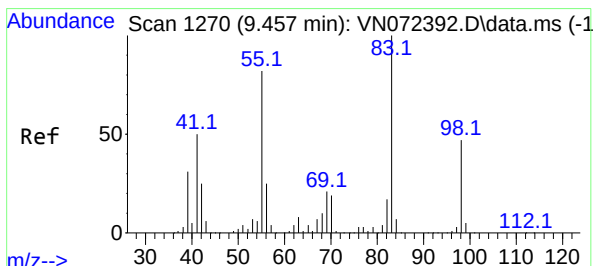
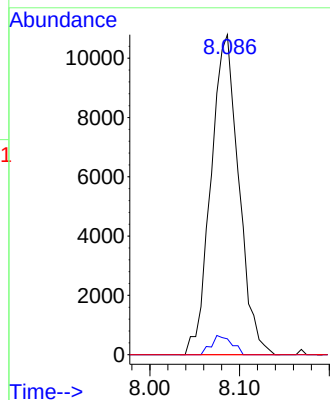
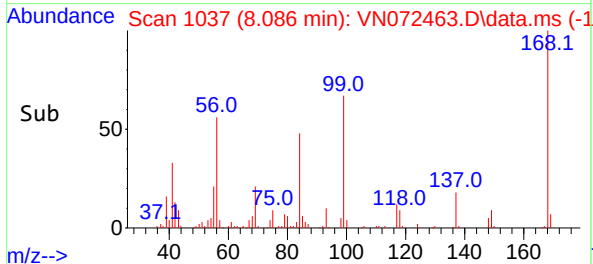


#38
Carbon Tetrachloride
Concen: 6.189 ug/l
RT: 8.086 min Scan# 1057
Delta R.T. -0.118 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

Instrument :
MSVOA_N
ClientSampleId :
DUP051122

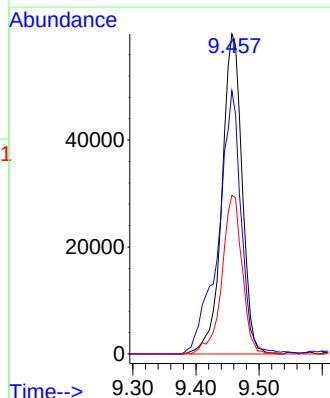
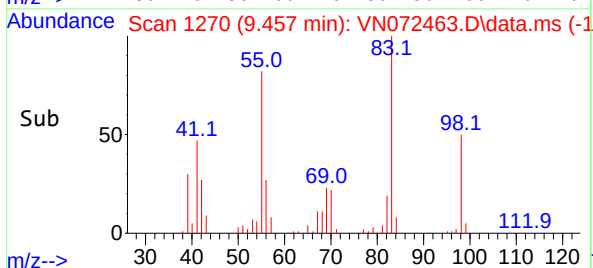
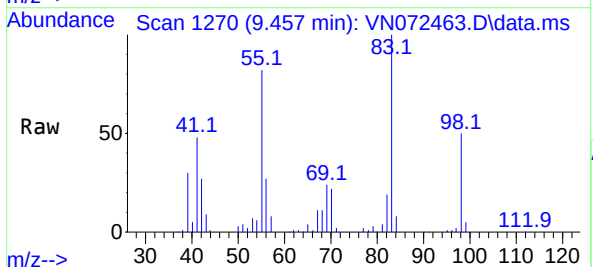


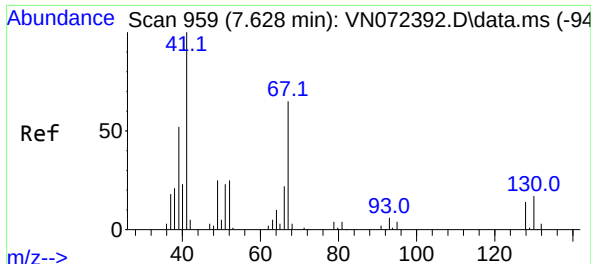
Tgt Ion:117 Resp: 23282
Ion Ratio Lower Upper
117 100
119 4.9 75.8 113.8#
121 0.0 24.6 37.0#



#39
Methylcyclohexane
Concen: 35.061 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

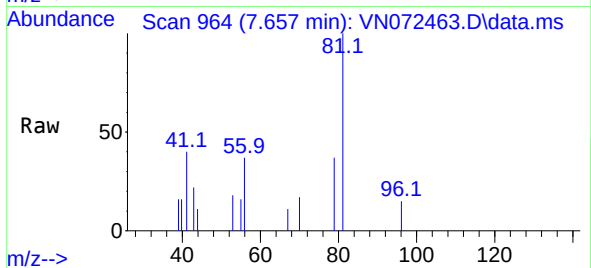
Tgt Ion: 83 Resp: 132453
Ion Ratio Lower Upper
83 100
55 82.2 57.8 86.8
98 49.6 39.4 59.2



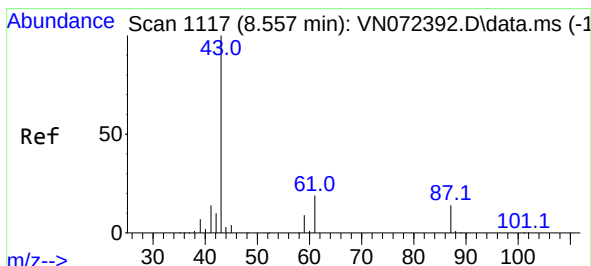
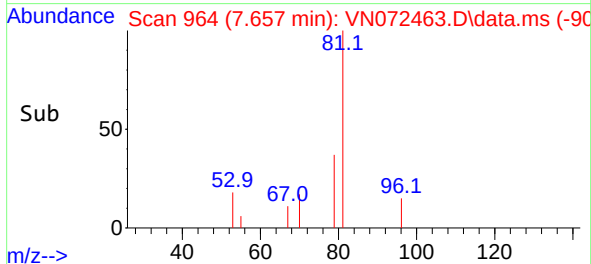
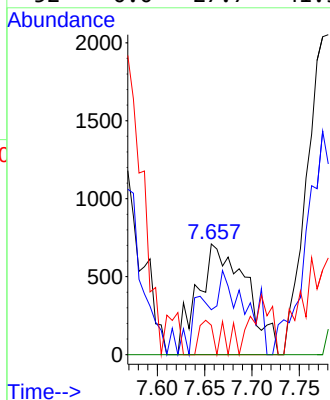


#41
Methacrylonitrile
Concen: 1.261 ug/l
RT: 7.657 min Scan# 91
Delta R.T. 0.029 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

Instrument :
MSVOA_N
ClientSampleId :
DUP051122

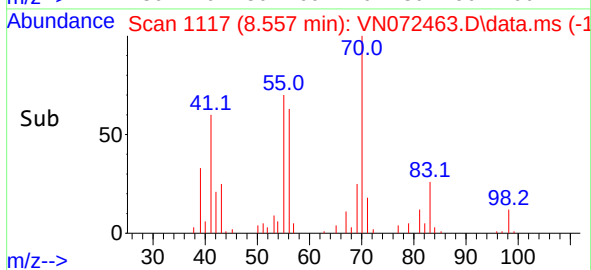
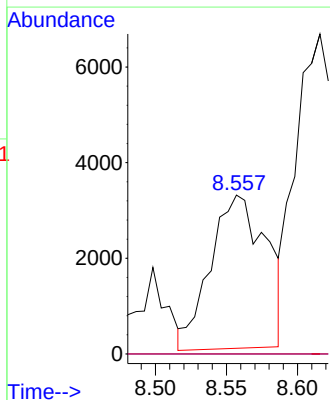
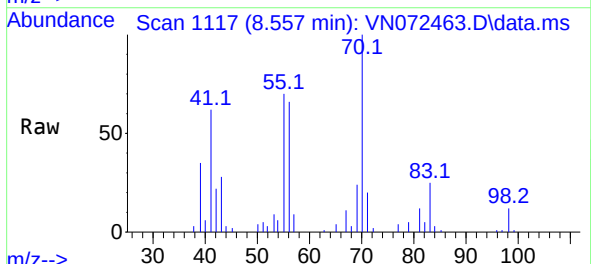


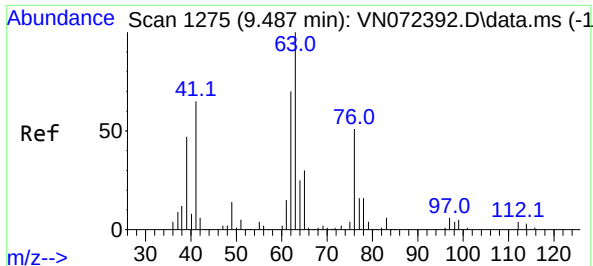
Tgt Ion:	41	Resp:	2519
Ion	Ratio	Lower	Upper
41	100		
39	21.4	48.6	73.0#
67	8.3	73.4	110.2#
52	0.0	27.7	41.5#



#43
Isopropyl Acetate
Concen: 1.415 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

Tgt Ion:	43	Resp:	8764
Ion	Ratio	Lower	Upper
43	100		
61	0.0	21.9	32.9#
87	0.0	12.0	18.0#

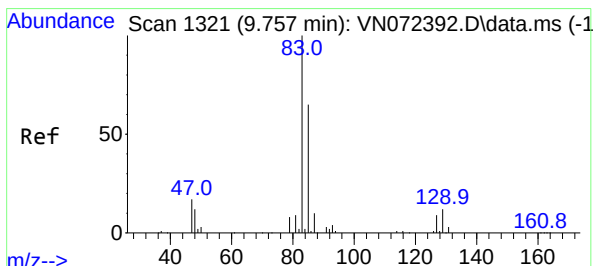
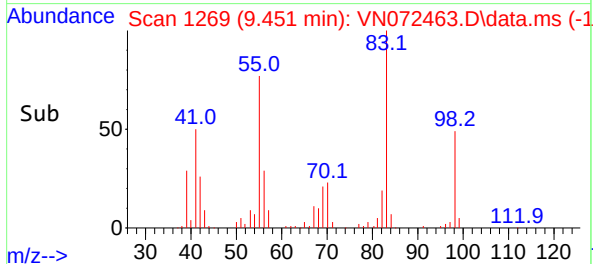
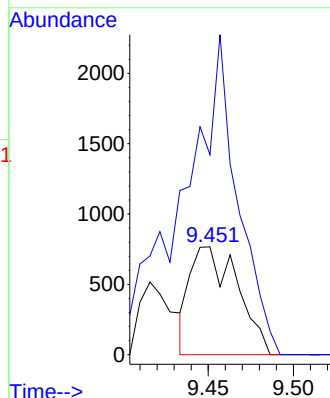
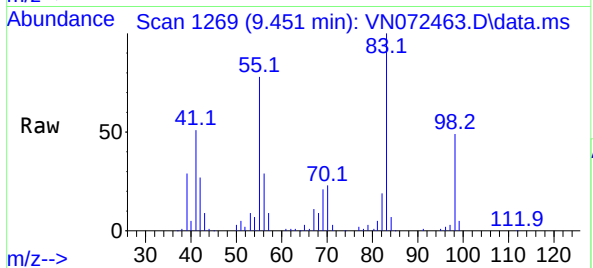




#45
1,2-Dichloropropane
Concen: 0.578 ug/l
RT: 9.451 min Scan# 1301
Delta R.T. -0.036 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

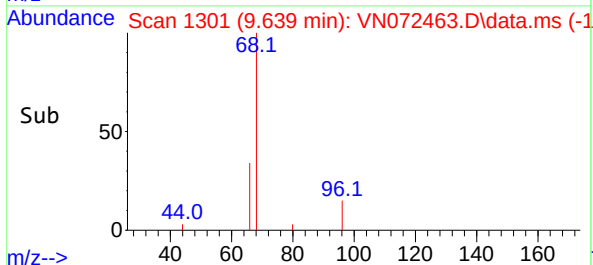
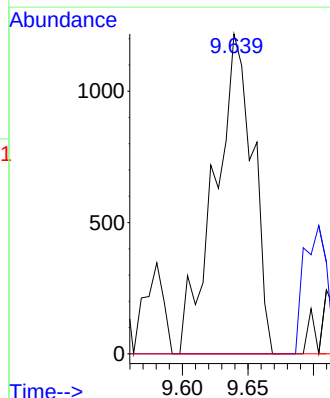
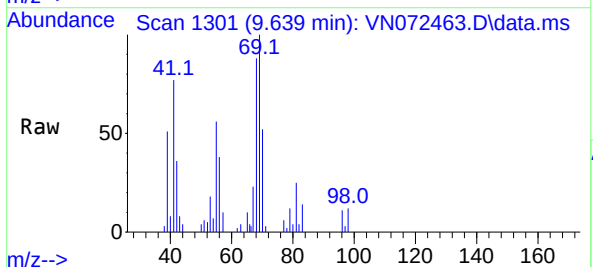
Instrument :
MSVOA_N
ClientSampleId :
DUP051122

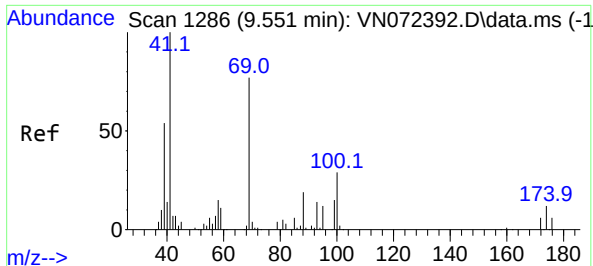
Tgt Ion: 63 Resp: 1482
Ion Ratio Lower Upper
63 100
65 185.4 24.9 37.3#



#47
Bromodichloromethane
Concen: 0.676 ug/l
RT: 9.639 min Scan# 1301
Delta R.T. -0.118 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

Tgt Ion: 83 Resp: 2460
Ion Ratio Lower Upper
83 100
85 0.0 50.5 75.7#
127 0.0 6.8 10.2#

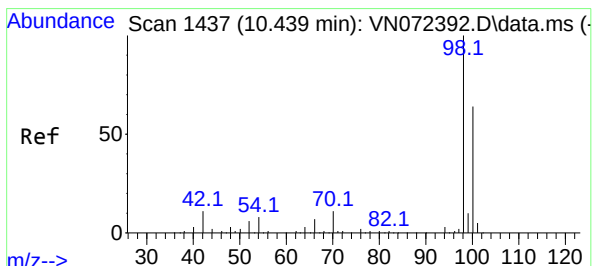
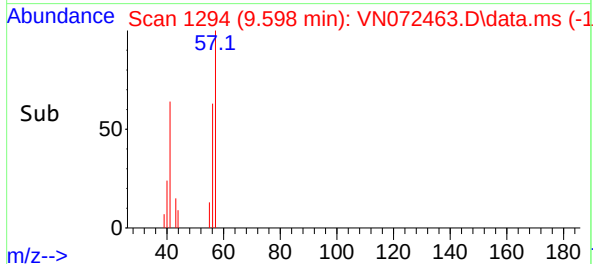
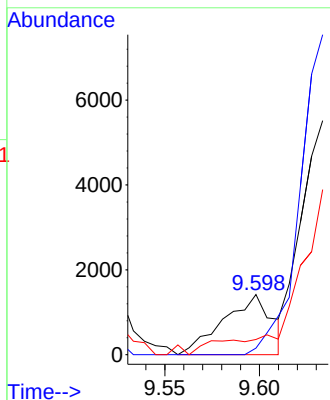
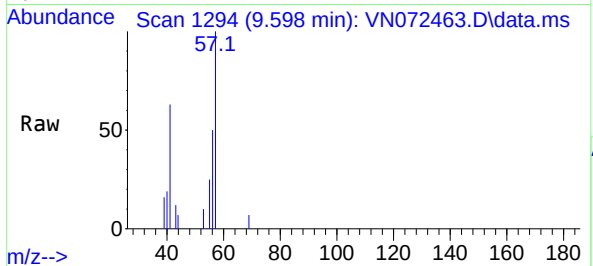




#48
Methyl methacrylate
Concen: 0.868 ug/l
RT: 9.598 min Scan# 1294
Delta R.T. 0.047 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

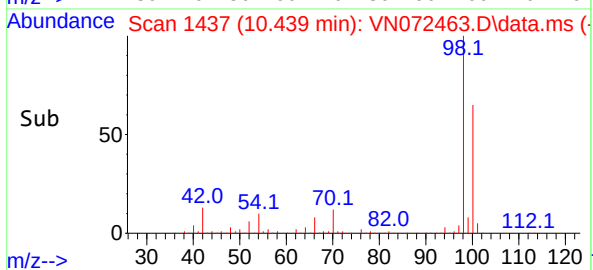
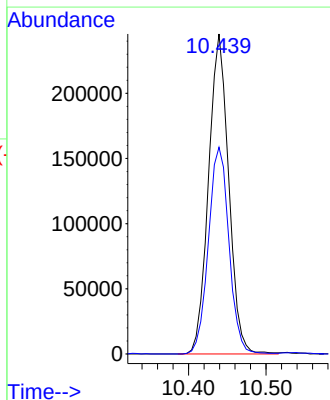
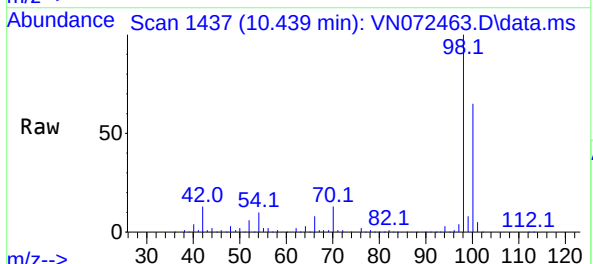
Instrument :
MSVOA_N
ClientSampleId :
DUP051122

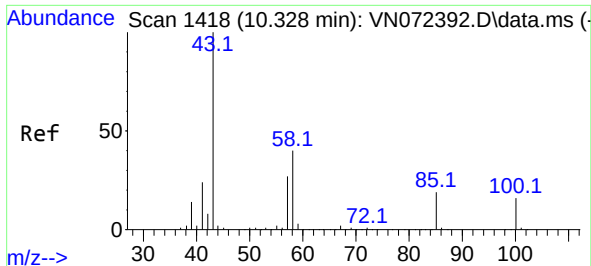
Tgt Ion: 41 Resp: 2509
Ion Ratio Lower Upper
41 100
69 0.0 74.7 112.1#
39 0.0 45.6 68.4#



#50
Toluene-d8
Concen: 49.696 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

Tgt Ion: 98 Resp: 442946
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 1.494 ug/l

RT: 10.327 min Scan# 1418

Delta R.T. -0.001 min

Lab File: VN072463.D

Acq: 12 May 2022 19:21

Instrument :

MSVOA_N

ClientSampleId :

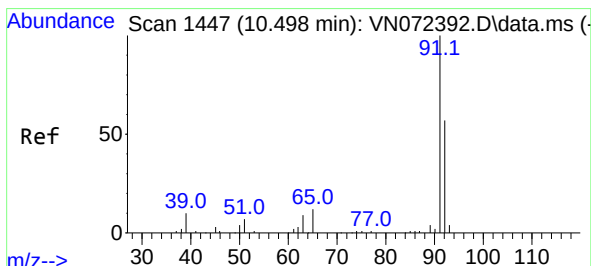
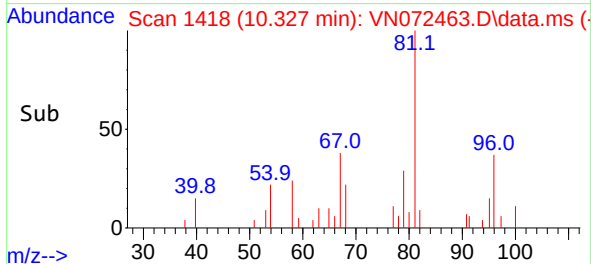
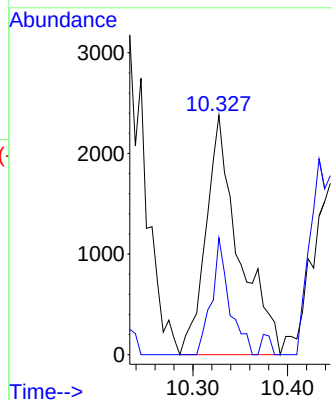
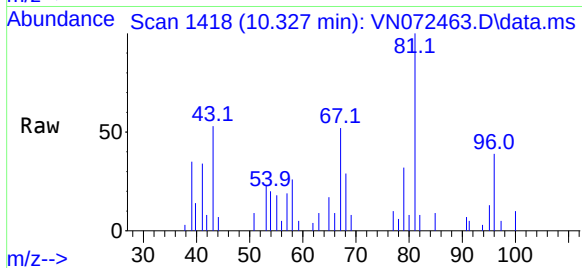
DUP051122

Tgt Ion: 43 Resp: 5747

Ion Ratio Lower Upper

43 100

58 26.4 34.1 51.1#



#52

Toluene

Concen: 1.129 ug/l

RT: 10.504 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VN072463.D

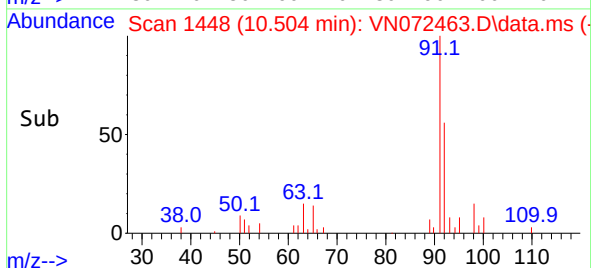
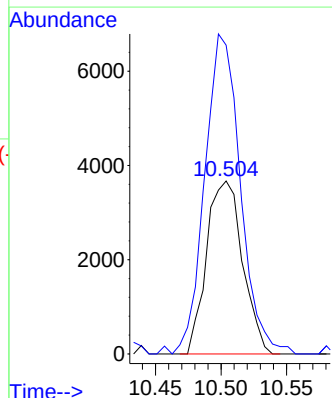
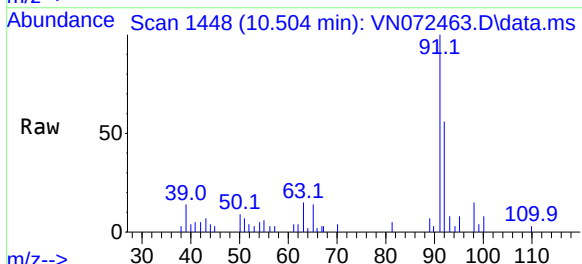
Acq: 12 May 2022 19:21

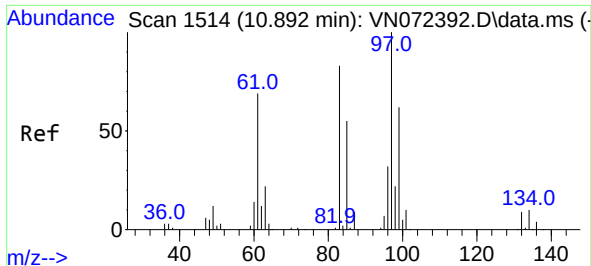
Tgt Ion: 92 Resp: 6990

Ion Ratio Lower Upper

92 100

91 184.3 138.6 207.8

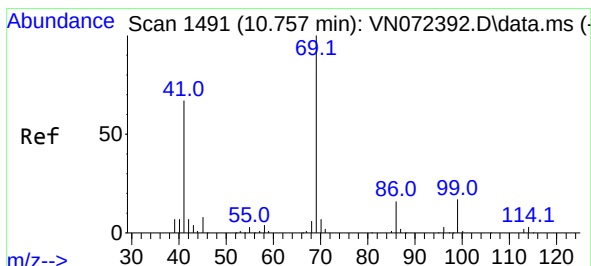
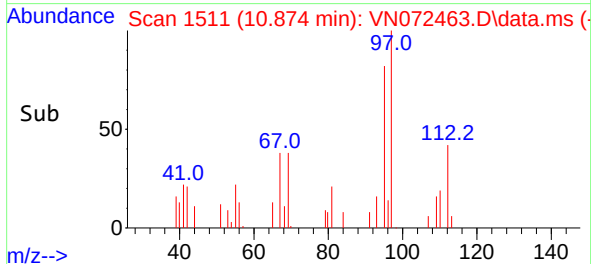
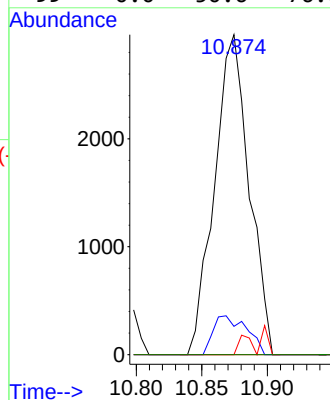
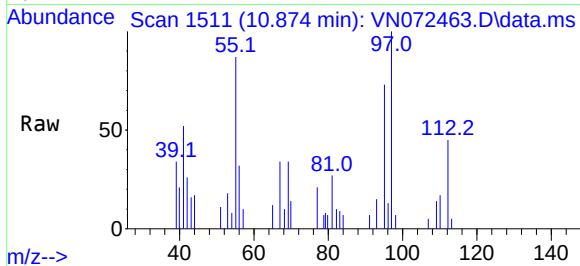




#55
1,1,2-Trichloroethane
Concen: 2.109 ug/l
RT: 10.874 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

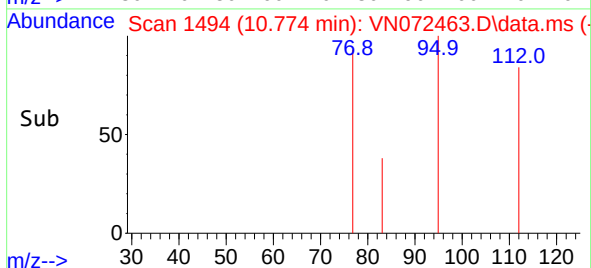
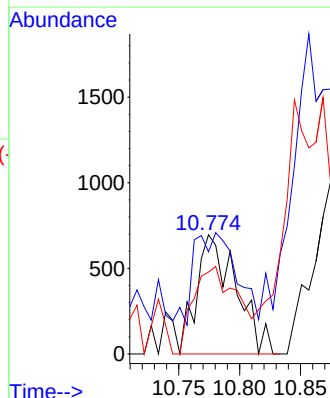
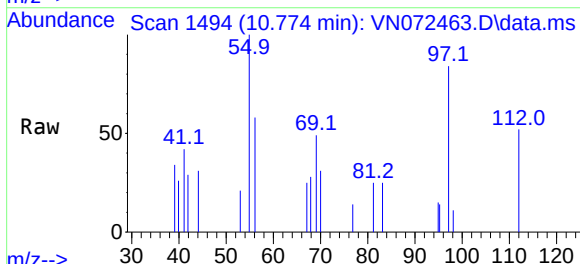
Instrument :
MSVOA_N
ClientSampleId :
DUP051122

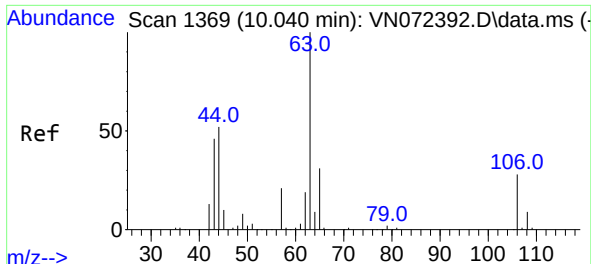
Tgt Ion:	97	Resp:	5441
Ion	Ratio	Lower	Upper
97	100		
83	8.9	66.2	99.4#
85	0.0	43.9	65.9#
99	0.0	50.6	76.0#



#56
Ethyl methacrylate
Concen: 0.425 ug/l
RT: 10.774 min Scan# 1494
Delta R.T. 0.017 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

Tgt Ion:	69	Resp:	1572
Ion	Ratio	Lower	Upper
69	100		
41	32.1	47.8	71.6#
39	81.6	27.3	40.9#

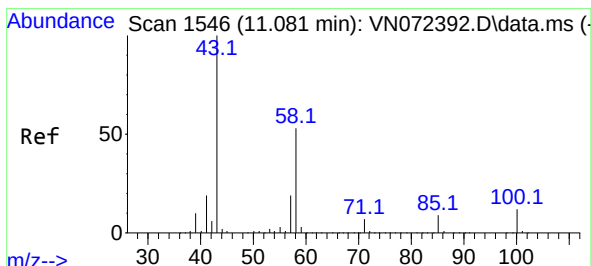
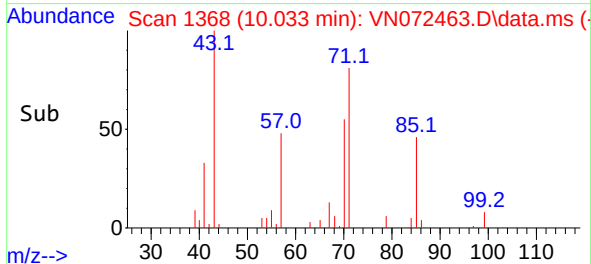
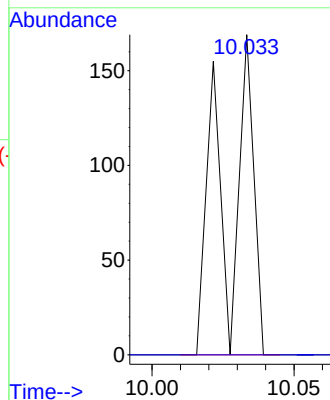
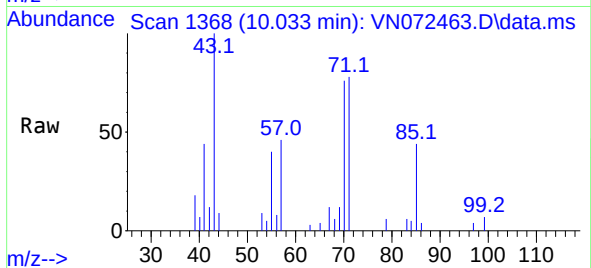




#58
2-Chloroethyl Vinyl ether
Concen: 17.447 ug/l
RT: 10.033 min Scan# 114
Delta R.T. -0.007 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

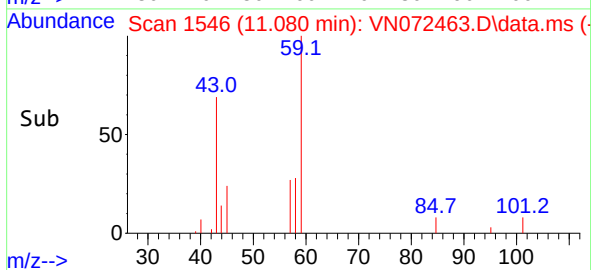
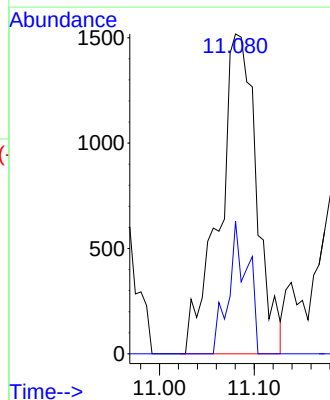
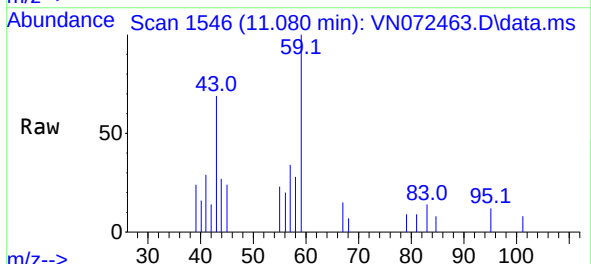
Instrument :
MSVOA_N
ClientSampleId :
DUP051122

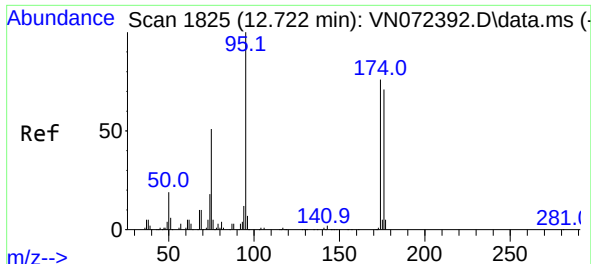
Tgt Ion: 63 Resp: 114
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#



#59
2-Hexanone
Concen: 1.538 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

Tgt Ion: 43 Resp: 4148
Ion Ratio Lower Upper
43 100
58 21.4 29.7 89.1#

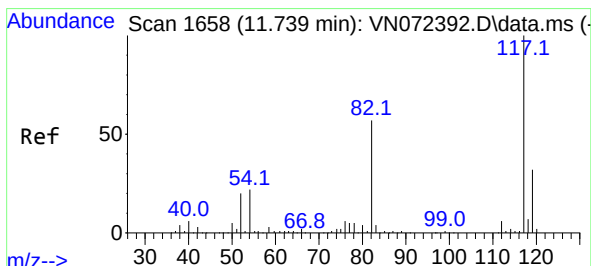
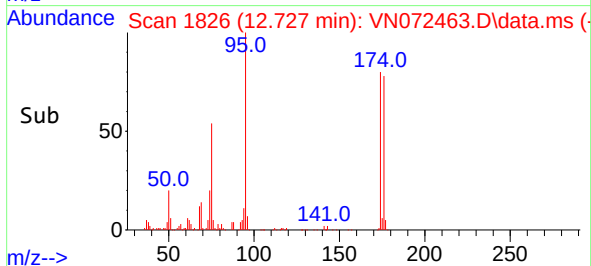
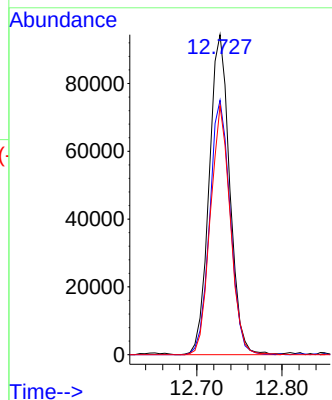
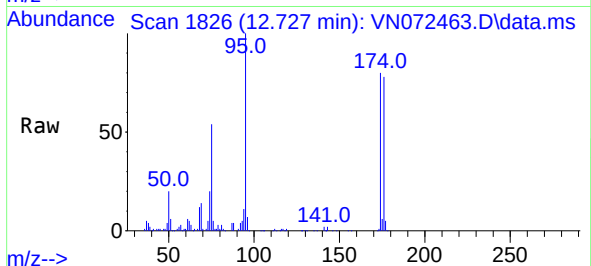




#62
4-Bromofluorobenzene
Concen: 53.621 ug/l
RT: 12.727 min Scan# 1825
Delta R.T. 0.005 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

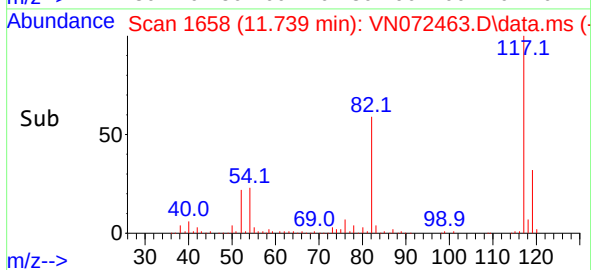
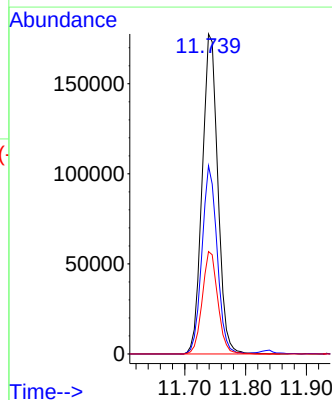
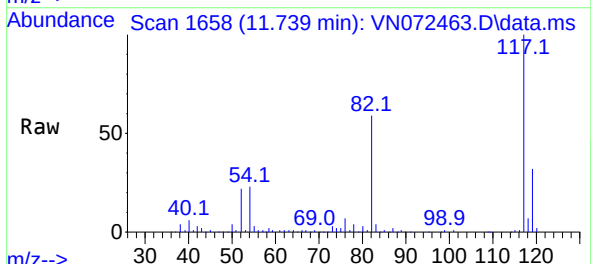
Instrument :
MSVOA_N
ClientSampleId :
DUP051122

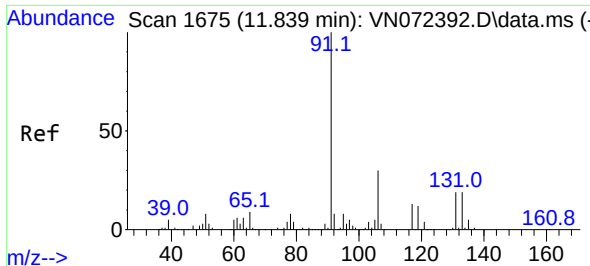
Tgt Ion: 95 Resp: 158725
Ion Ratio Lower Upper
95 100
174 79.3 0.0 167.6
176 75.1 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

Tgt Ion: 117 Resp: 316829
Ion Ratio Lower Upper
117 100
82 58.8 44.2 66.2
119 32.0 25.4 38.0

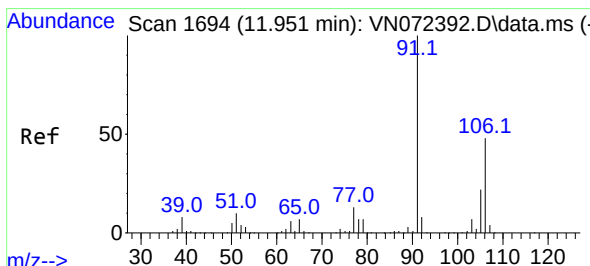
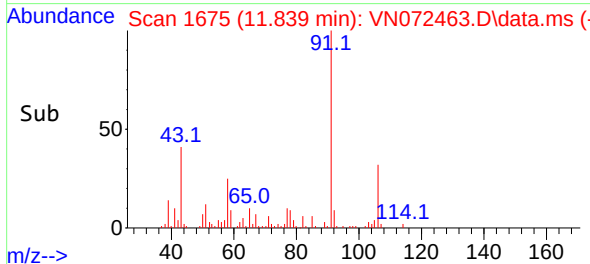
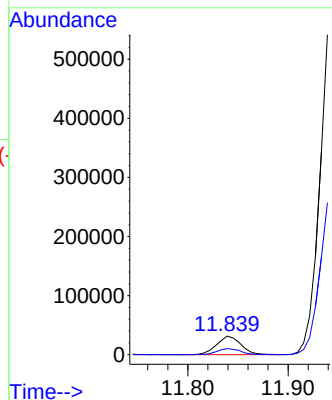
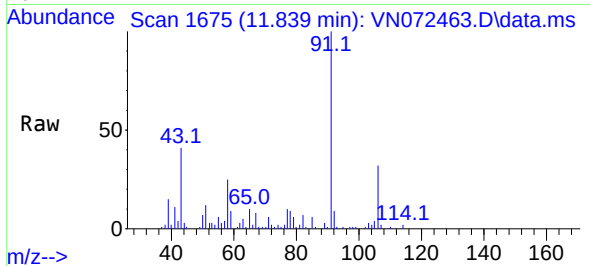




#67
Ethyl Benzene
Concen: 4.726 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

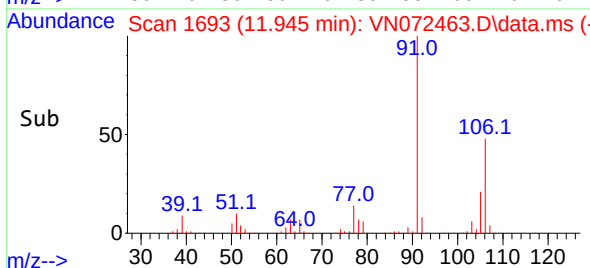
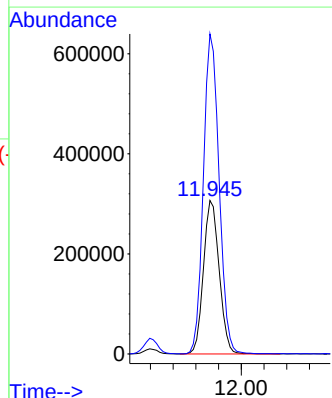
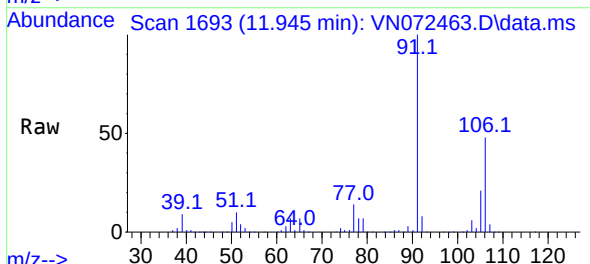
Instrument :
MSVOA_N
ClientSampleId :
DUP051122

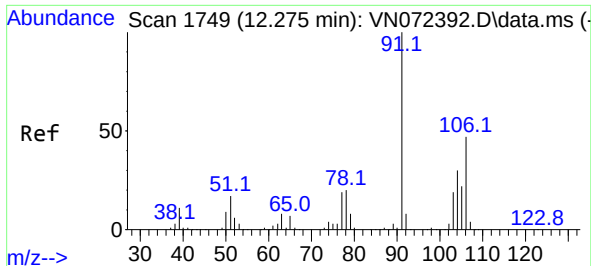
Tgt Ion: 91 Resp: 52784
Ion Ratio Lower Upper
91 100
106 32.4 24.9 37.3



#68
m/p-Xylenes
Concen: 139.011 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

Tgt Ion: 106 Resp: 588831
Ion Ratio Lower Upper
106 100
91 207.8 158.9 238.3





#69

o-Xylene

Concen: 146.902 ug/l

RT: 12.274 min Scan# 1749

Delta R.T. -0.001 min

Lab File: VN072463.D

Acq: 12 May 2022 19:21

Instrument :

MSVOA_N

ClientSampleId :

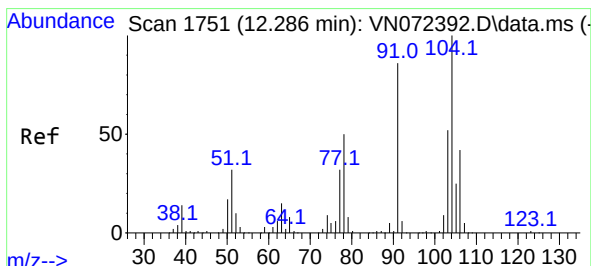
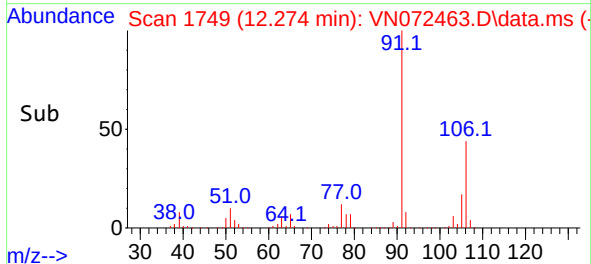
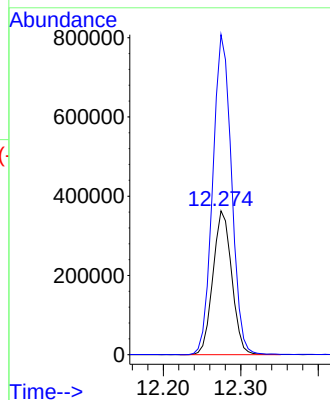
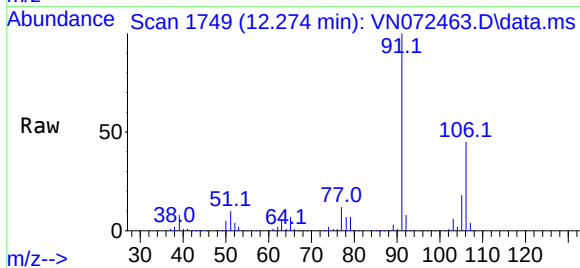
DUP051122

Tgt Ion:106 Resp: 611385

Ion Ratio Lower Upper

106 100

91 222.5 106.0 318.0



#70

Styrene

Concen: 4.844 ug/l

RT: 12.274 min Scan# 1749

Delta R.T. -0.012 min

Lab File: VN072463.D

Acq: 12 May 2022 19:21

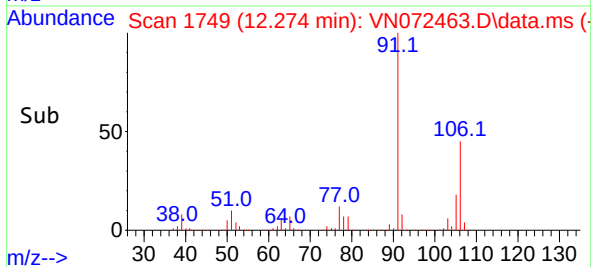
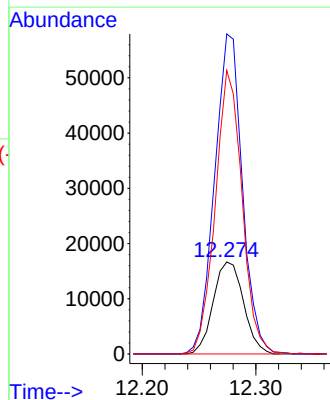
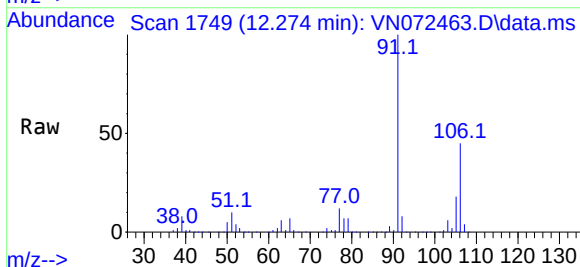
Tgt Ion:104 Resp: 30842

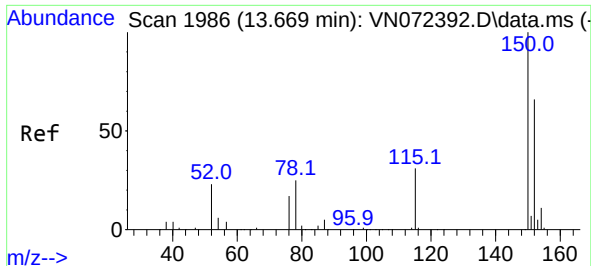
Ion Ratio Lower Upper

104 100

78 319.2 39.5 59.3#

103 273.5 44.0 66.0#

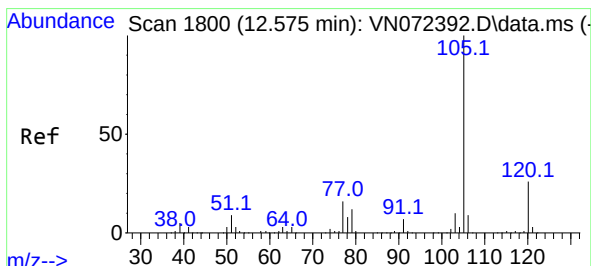
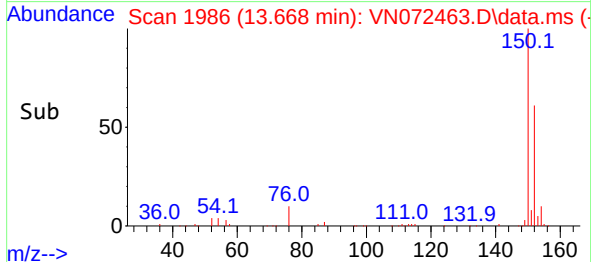
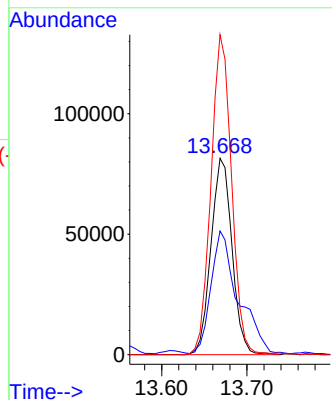
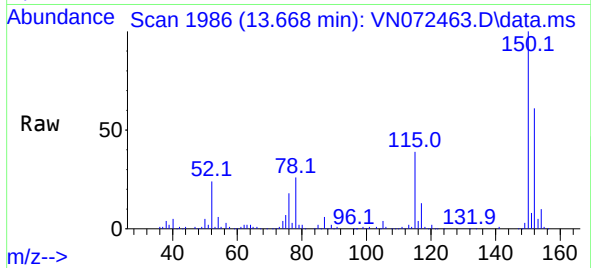




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

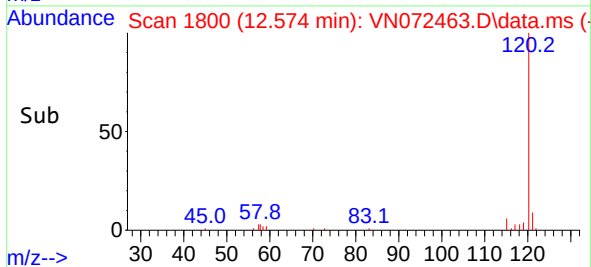
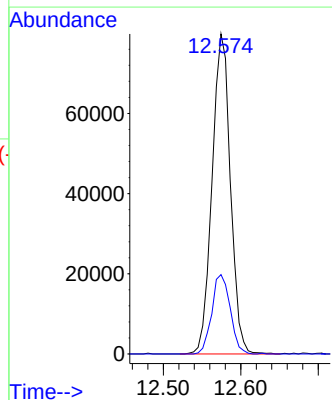
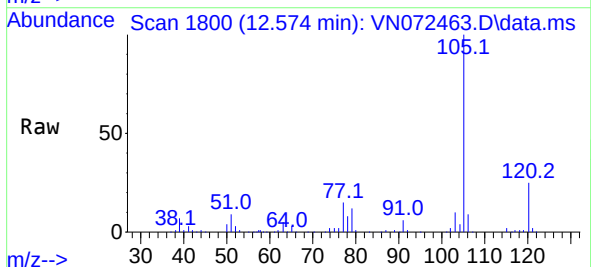
Instrument :
MSVOA_N
ClientSampleId :
DUP051122

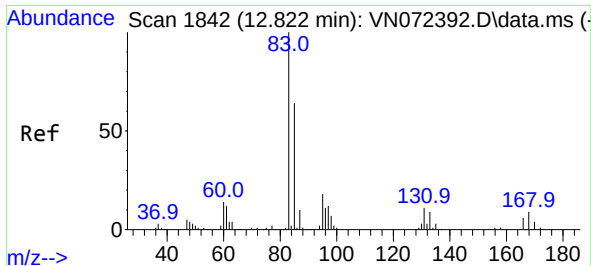
Tgt Ion:152 Resp: 140166
Ion Ratio Lower Upper
152 100
115 81.4 28.9 86.7
150 159.7 0.0 356.2



#73
Isopropylbenzene
Concen: 11.295 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

Tgt Ion:105 Resp: 131156
Ion Ratio Lower Upper
105 100
120 24.9 13.5 40.4

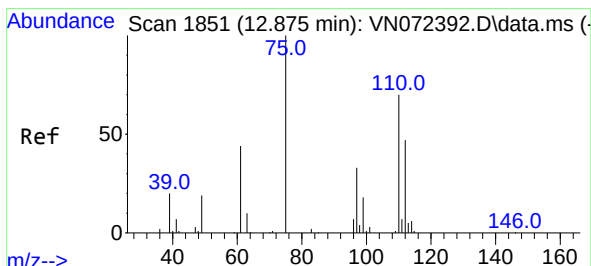
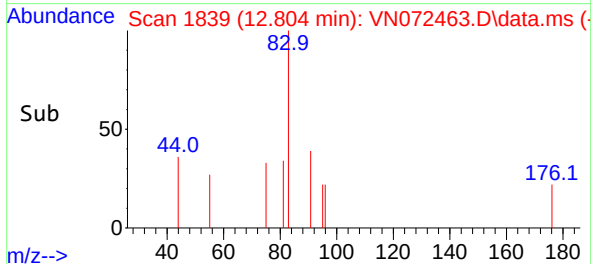
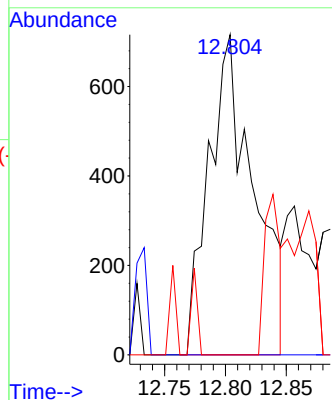
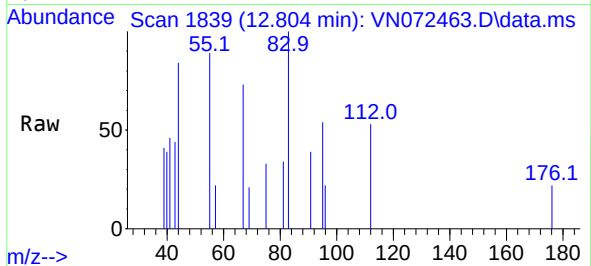




#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.433 ug/l
 RT: 12.804 min Scan# 1839
 Delta R.T. -0.018 min
 Lab File: VN072463.D
 Acq: 12 May 2022 19:21

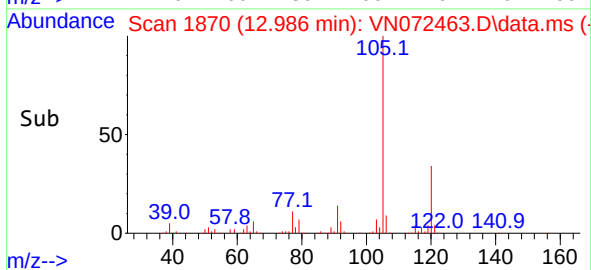
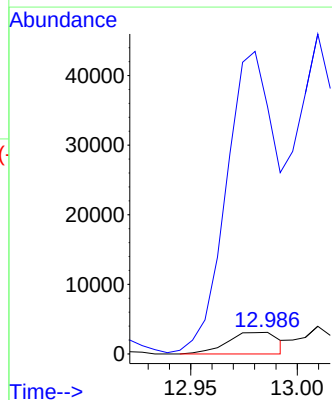
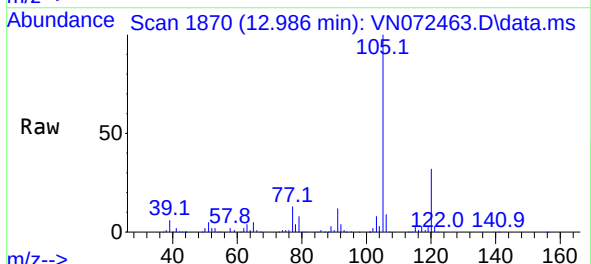
Instrument :
 MSVOA_N
 ClientSampleId :
 DUP051122

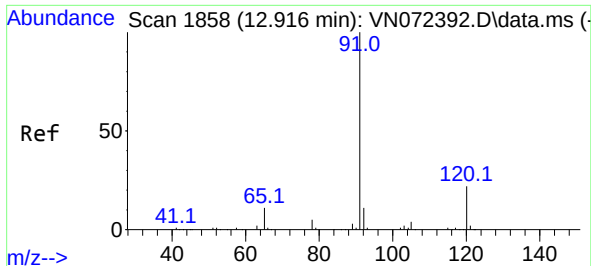
Tgt Ion: 83 Resp: 1827
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.3 15.9#
 85 0.0 32.3 96.9#



#76
 1,2,3-Trichloropropane
 Concen: 1.414 ug/l
 RT: 12.986 min Scan# 1870
 Delta R.T. 0.111 min
 Lab File: VN072463.D
 Acq: 12 May 2022 19:21

Tgt Ion: 75 Resp: 5168
 Ion Ratio Lower Upper
 75 100
 77 1345.9 98.5 295.5#

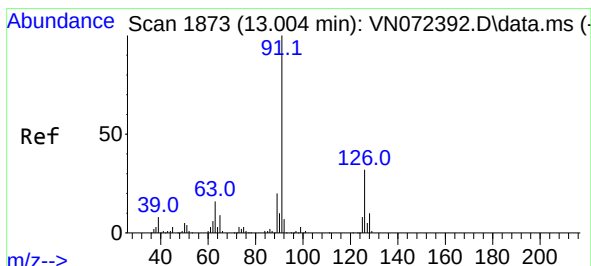
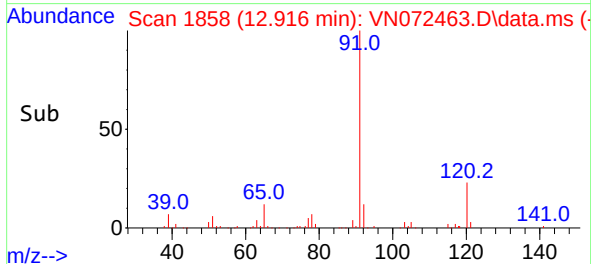
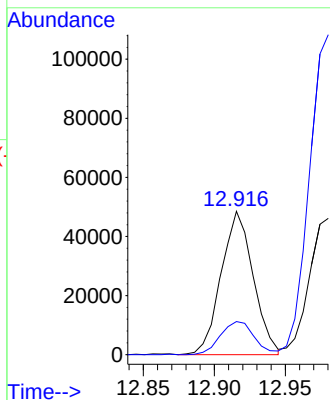
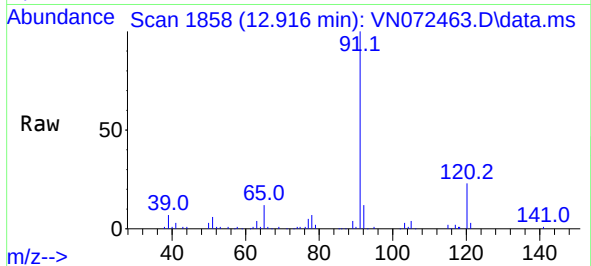




#78
n-propylbenzene
Concen: 6.145 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

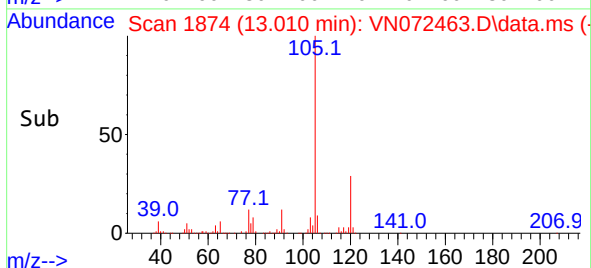
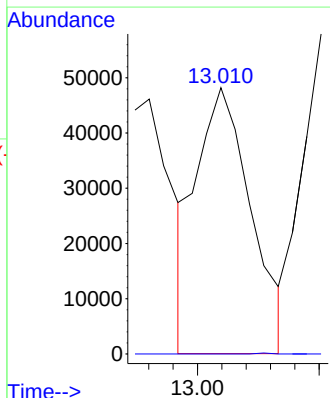
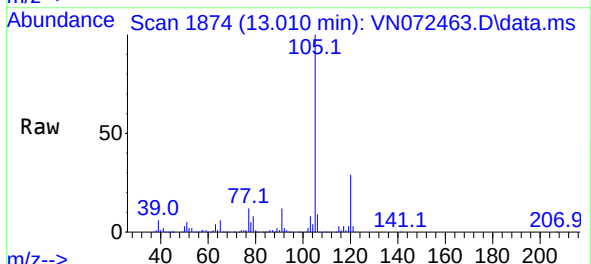
Instrument :
MSVOA_N
ClientSampleId :
DUP051122

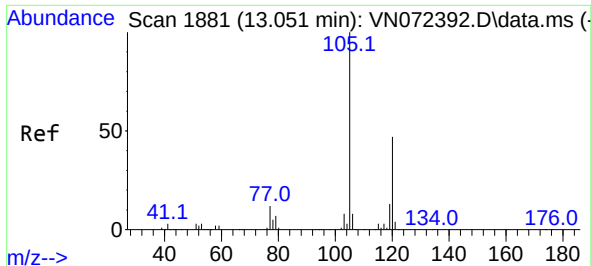
Tgt Ion: 91 Resp: 76354
Ion Ratio Lower Upper
91 100
120 24.5 11.9 35.5



#79
2-Chlorotoluene
Concen: 9.195 ug/l
RT: 13.010 min Scan# 1874
Delta R.T. 0.006 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

Tgt Ion: 91 Resp: 75060
Ion Ratio Lower Upper
91 100
126 0.1 17.3 51.9#

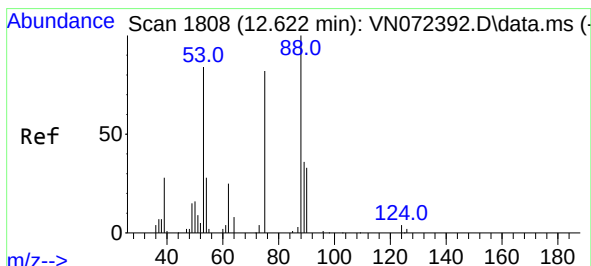
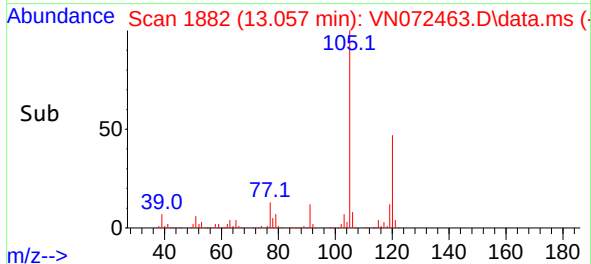
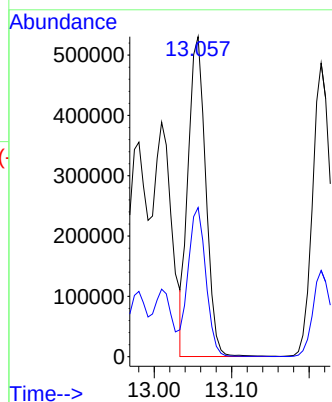
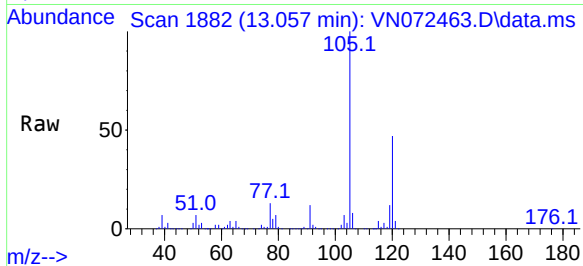




#80
1,3,5-Trimethylbenzene
Concen: 87.856 ug/l
RT: 13.057 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

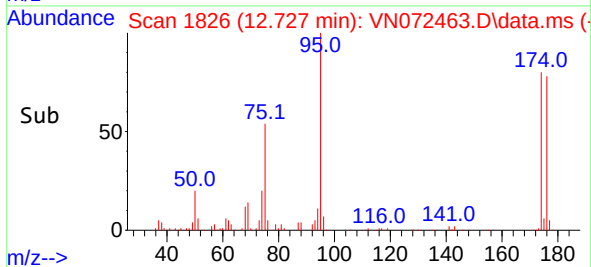
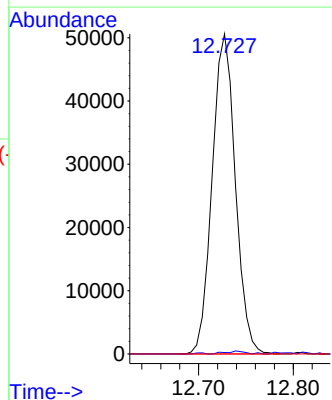
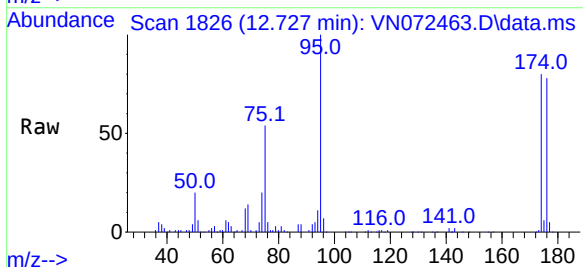
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MSVOA_N
ClientSampleId :
DUP051122

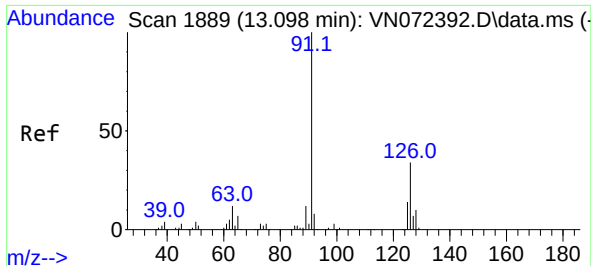
Tgt Ion:105 Resp: 835510
Ion Ratio Lower Upper
105 100
120 48.3 24.9 74.7



#81
trans-1,4-Dichloro-2-butene
Concen: 78.424 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

Tgt Ion: 75 Resp: 85941
Ion Ratio Lower Upper
75 100
53 0.8 78.0 117.0#
89 0.0 37.2 55.8#

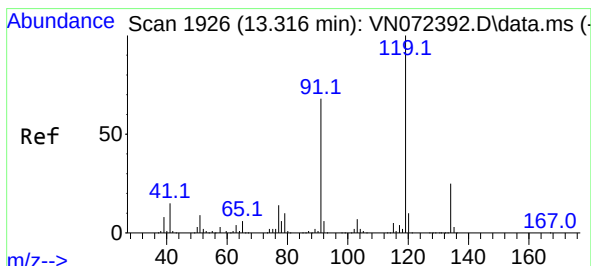
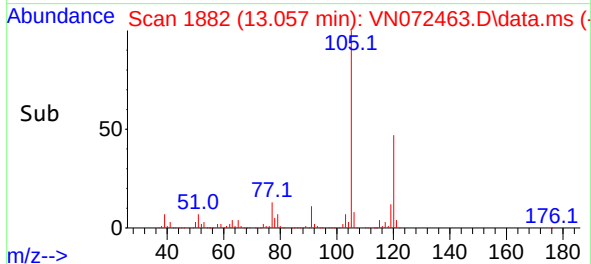
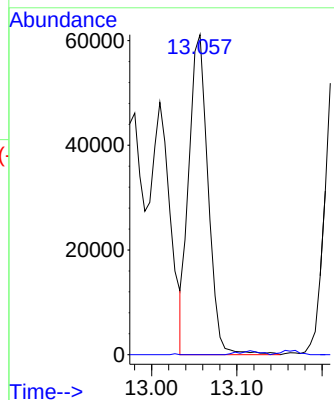
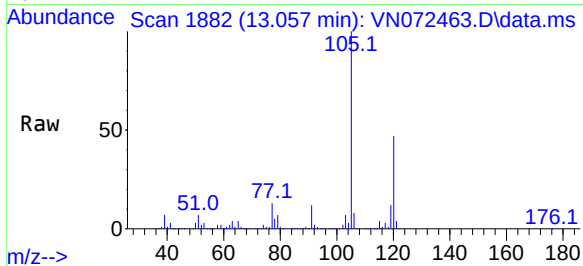




#82
4-Chlorotoluene
Concen: 12.363 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.041 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

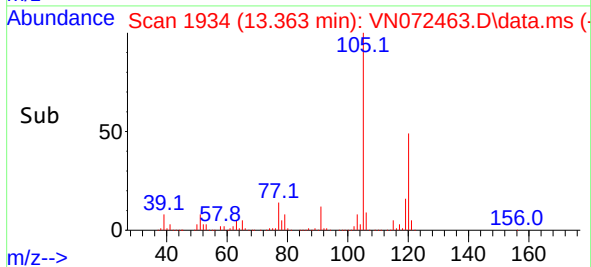
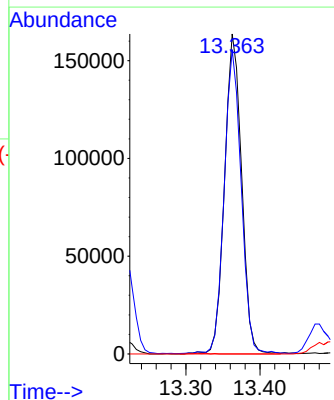
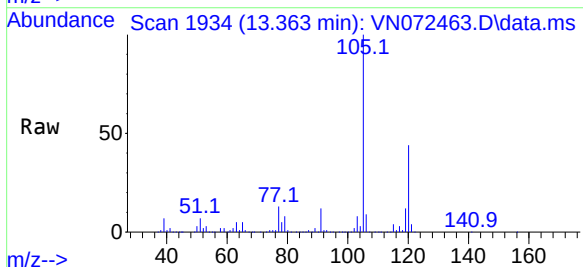
Instrument :
MSVOA_N
ClientSampleId :
DUP051122

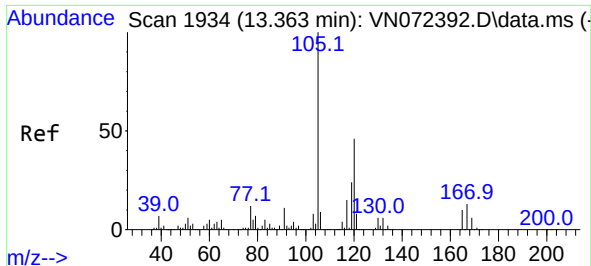
Tgt Ion: 91 Resp: 95634
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#



#83
tert-Butylbenzene
Concen: 31.392 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.047 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

Tgt Ion: 119 Resp: 261349
Ion Ratio Lower Upper
119 100
91 95.0 31.6 94.8#
134 0.0 13.7 41.1#

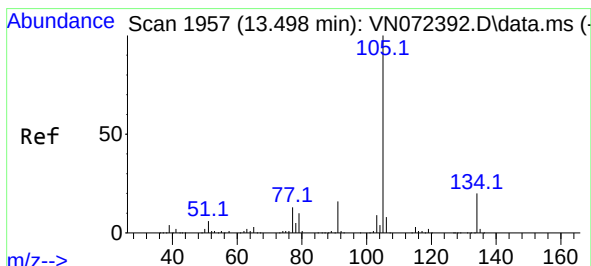
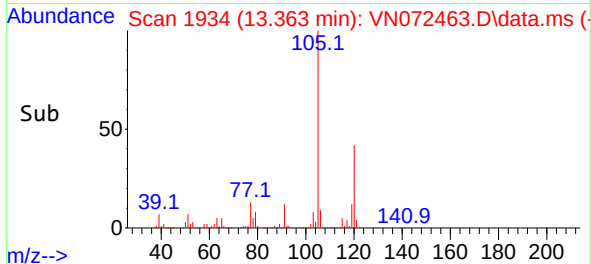
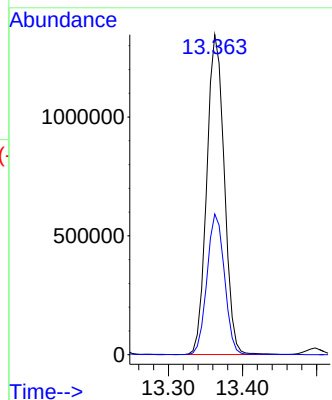
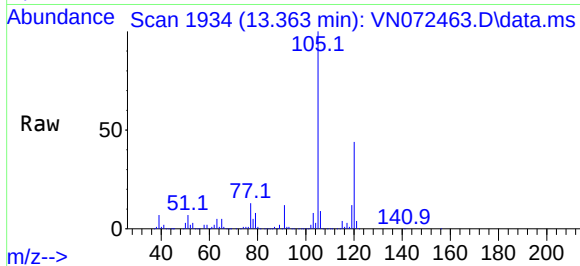




#84
1,2,4-Trimethylbenzene
Concen: 238.572 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

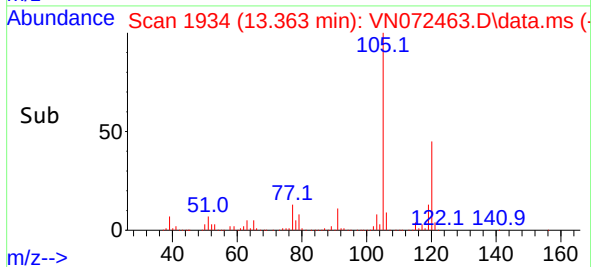
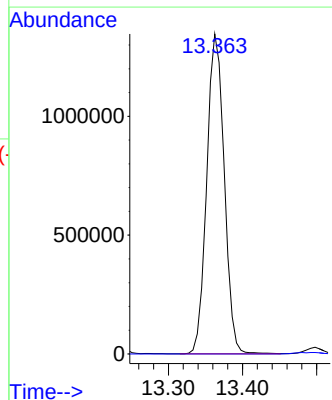
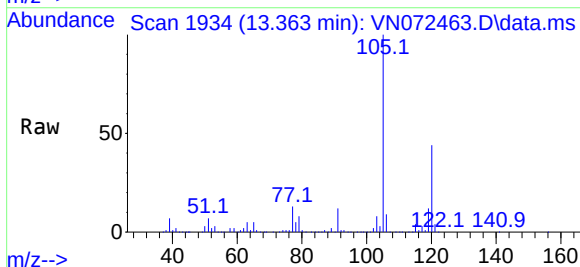
Instrument :
MSVOA_N
ClientSampleId :
DUP051122

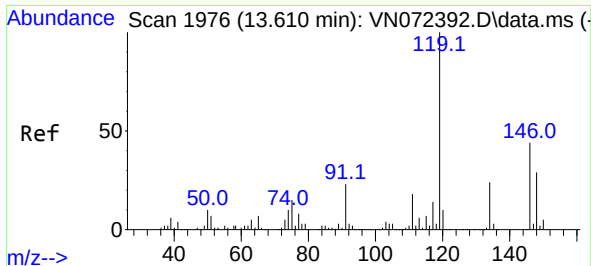
Tgt Ion:105 Resp: 2207064
Ion Ratio Lower Upper
105 100
120 44.0 23.3 69.8



#85
sec-Butylbenzene
Concen: 198.778 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.135 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

Tgt Ion:105 Resp: 2207064
Ion Ratio Lower Upper
105 100
134 0.0 10.4 31.1#

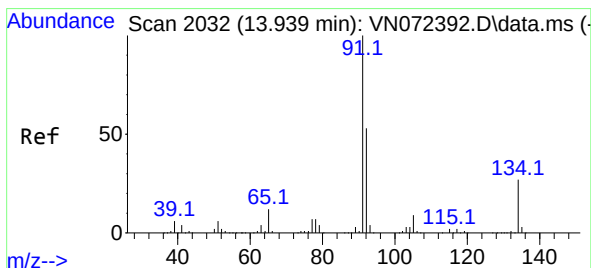
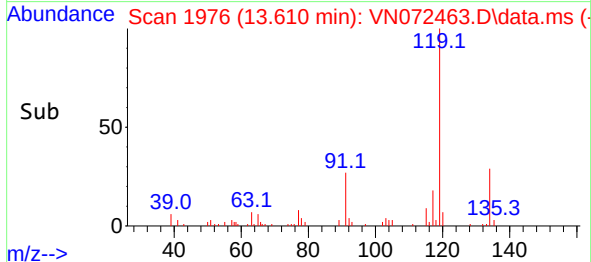
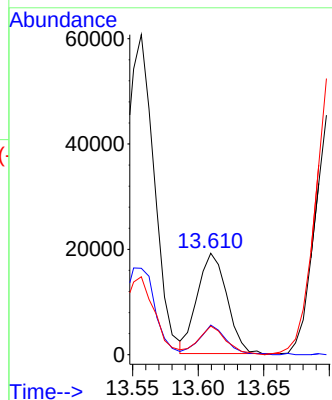
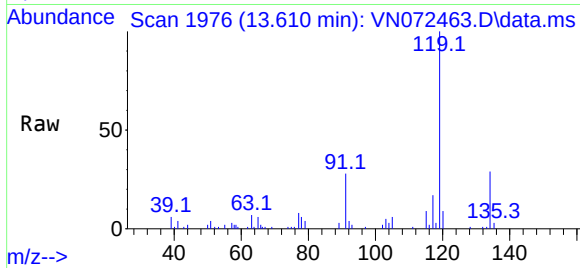




#86
p-Isopropyltoluene
Concen: 3.463 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

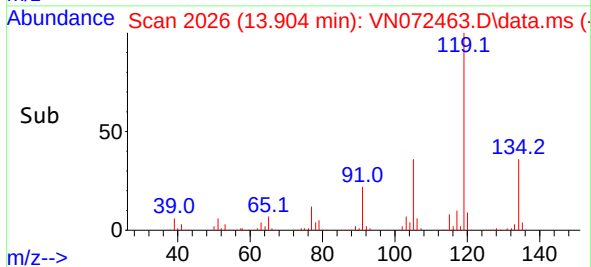
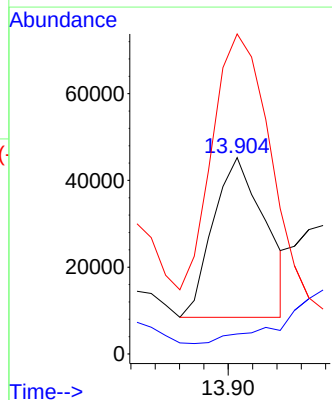
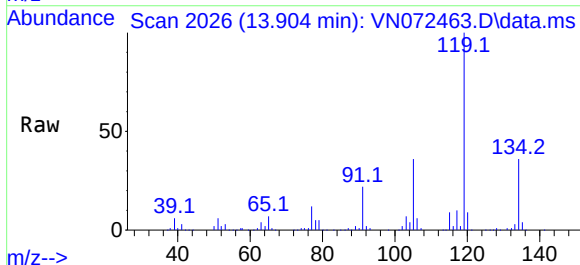
Instrument :
MSVOA_N
ClientSampleId :
DUP051122

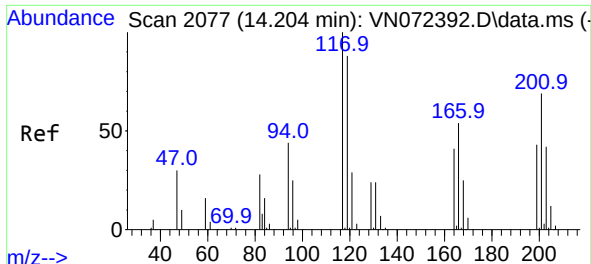
Tgt Ion:119	Resp:	29951
Ion	Ratio	Lower Upper
119	100	
134	26.9	13.3 39.8
91	26.6	11.3 33.9



#89
n-Butylbenzene
Concen: 8.287 ug/l
RT: 13.904 min Scan# 2026
Delta R.T. -0.035 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

Tgt Ion: 91	Resp:	54784
Ion	Ratio	Lower Upper
91	100	
92	0.0	26.9 80.7#
134	265.0	13.6 40.8#

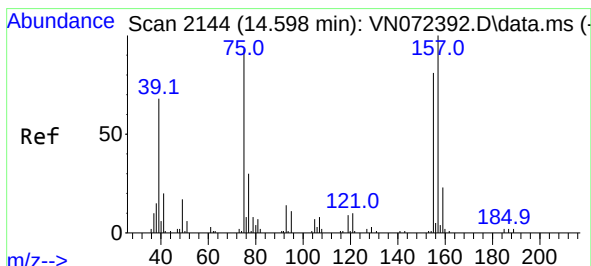
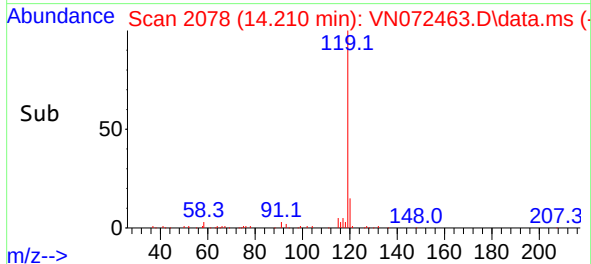
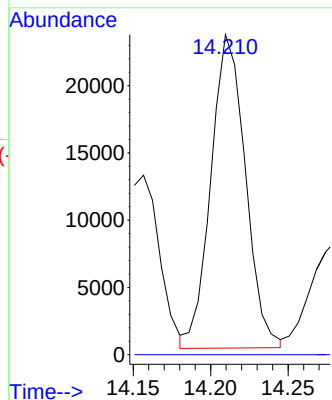
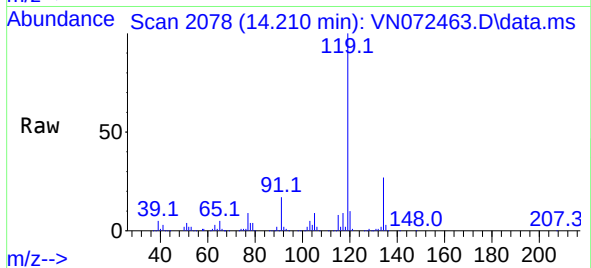




#90
Hexachloroethane
Concen: 20.851 ug/l
RT: 14.210 min Scan# 2077
Delta R.T. 0.006 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

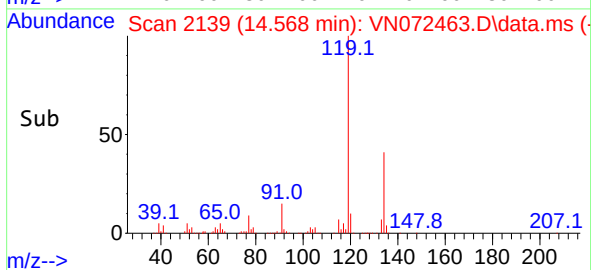
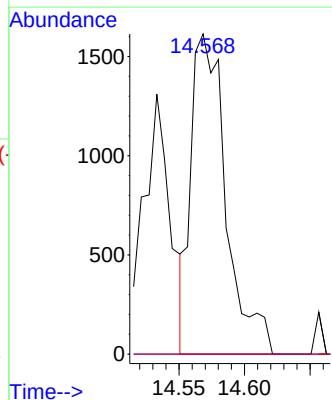
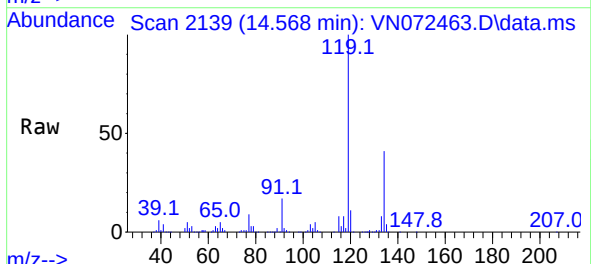
Instrument :
MSVOA_N
ClientSampleId :
DUP051122

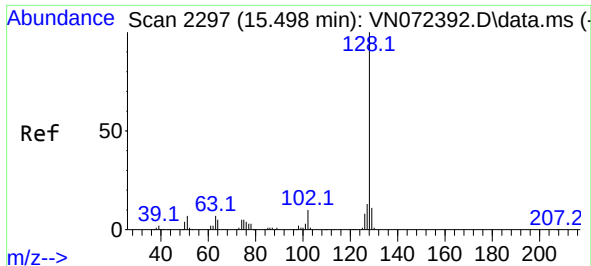
Tgt Ion:117 Resp: 36037
Ion Ratio Lower Upper
117 100
201 0.0 40.6 122.0#



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.056 ug/l
RT: 14.568 min Scan# 2139
Delta R.T. -0.030 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

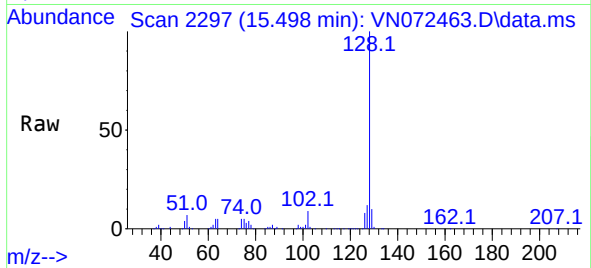
Tgt Ion: 75 Resp: 2973
Ion Ratio Lower Upper
75 100
155 0.0 44.9 134.5#
157 0.0 59.0 176.8#





#95
Naphthalene
Concen: 54.863 ug/l
RT: 15.498 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN072463.D
Acq: 12 May 2022 19:21

Instrument :
MSVOA_N
ClientSampleId :
DUP051122



Tgt Ion:128 Resp: 369748
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.4 8.6 13.0

