

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042722\
 Data File : VN072217.D
 Acq On : 27 Apr 2022 15:41
 Operator : JC\MD
 Sample : N2575-04 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31652

Quant Time: Apr 28 06:04:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	290875	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	543587	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	588970	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	236236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	222758	49.883	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.760%
35) Dibromofluoromethane	8.022	113	165247	47.495	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.980%
50) Toluene-d8	10.439	98	691245	50.561	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	101.120%
62) 4-Bromofluorobenzene	12.727	95	291911	64.329	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	128.660%
Target Compounds						
					Qvalue	
3) Chloromethane	2.299	50	1525	Below Cal		92
5) Bromomethane	2.875	94	270	Below Cal	#	2
11) Tert butyl alcohol	5.316	59	5023	6.845	ug/l #	72
16) Acetone	4.287	43	98508	51.165	ug/l	93
17) Carbon Disulfide	4.563	76	53	0.371	ug/l #	75
18) Methyl Acetate	4.863	43	2921	0.503	ug/l #	52
19) Methyl tert-butyl Ether	5.616	73	12179	1.118	ug/l #	89
20) Methylene Chloride	5.087	84	1116	0.302	ug/l #	87
22) Diisopropyl ether	6.493	45	5929	0.499	ug/l	96
23) Vinyl Acetate	6.498	43	2993	0.300	ug/l #	68
25) 2-Butanone	7.334	43	11401	3.718	ug/l	98
31) Cyclohexane	8.081	56	6992	1.172	ug/l #	1
36) 1,1-Dichloropropene	8.081	75	25396	5.015	ug/l #	49
37) Ethyl Acetate	7.404	43	14565	2.166	ug/l #	95
38) Carbon Tetrachloride	8.087	117	30656	5.652	ug/l #	16
39) Methylcyclohexane	9.463	83	1750	0.309	ug/l	91
40) Benzene	8.457	78	204296	13.005	ug/l	97
43) Isopropyl Acetate	8.622	43	6399	1.397	ug/l #	55
48) Methyl methacrylate	9.451	41	901	0.203	ug/l #	47
51) 4-Methyl-2-Pentanone	10.328	43	1971	0.311	ug/l #	75
52) Toluene	10.504	92	158721	16.902	ug/l	98
53) t-1,3-Dichloropropene	10.498	75	2002	0.357	ug/l #	1
55) 1,1,2-Trichloroethane	10.875	97	982	0.249	ug/l #	16
56) Ethyl methacrylate	10.769	69	64	2.374	ug/l #	1
67) Ethyl Benzene	11.839	91	55667	2.682	ug/l	92
68) m/p-Xylenes	11.945	106	70817	9.189	ug/l	92
69) o-Xylene	12.275	106	43995	5.889	ug/l	93
70) Styrene	12.275	104	2637	0.224	ug/l #	1
73) Isopropylbenzene	12.575	105	6699	0.321	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.722	83	274	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.727	75	156613	29.519	ug/l #	1
78) n-propylbenzene	12.916	91	19791	0.861	ug/l	92
79) 2-Chlorotoluene	12.980	91	7270	0.482	ug/l #	40
80) 1,3,5-Trimethylbenzene	13.057	105	25392	1.461	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.727	75	156613	76.655	ug/l #	10
82) 4-Chlorotoluene	13.051	91	3335	0.237	ug/l #	40

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

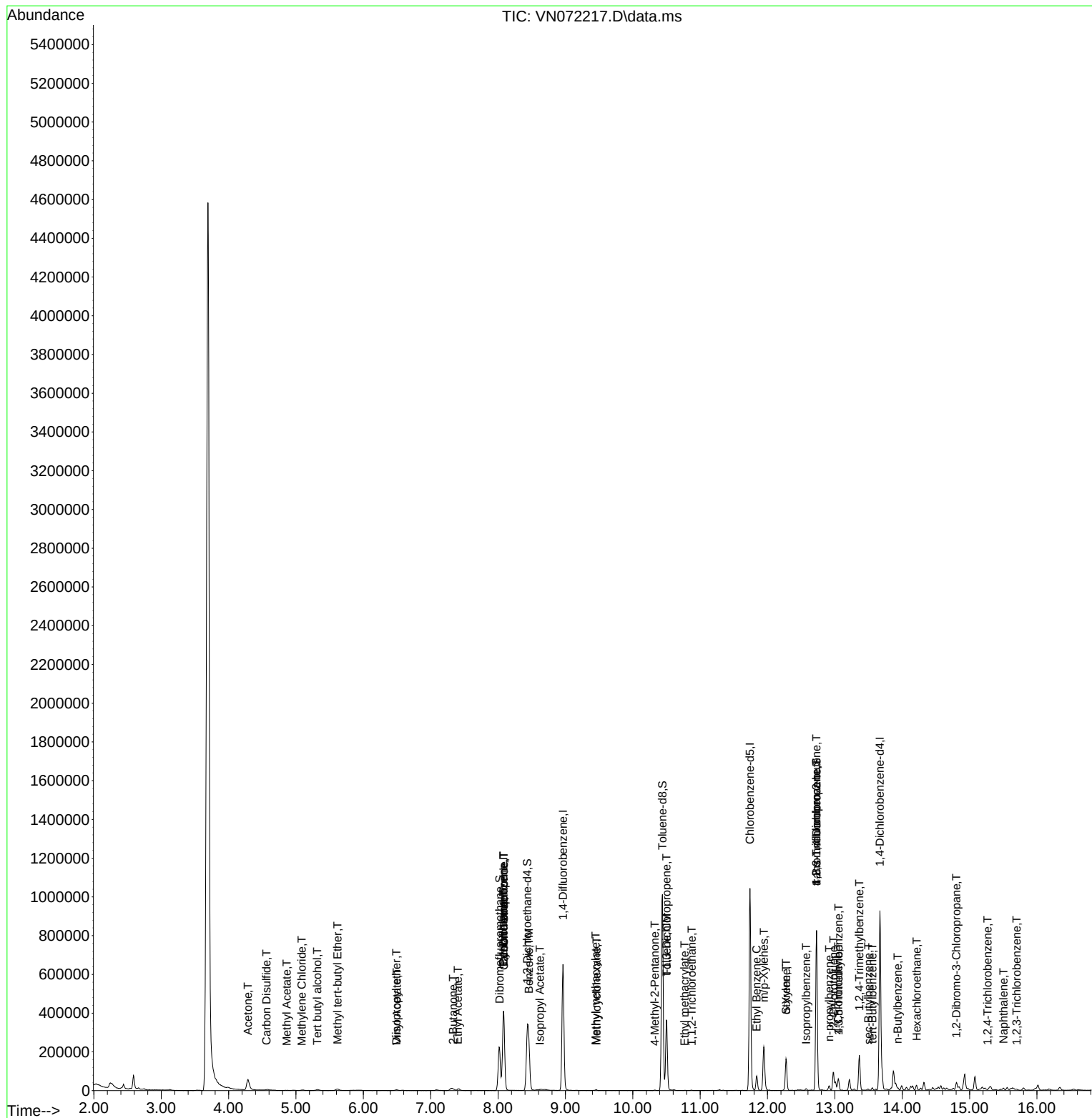
83) tert-Butylbenzene	13.557	119	5392	0.353	ug/l	71
84) 1,2,4-Trimethylbenzene	13.363	105	102602	6.103	ug/l	96
85) sec-Butylbenzene	13.498	105	4650	0.234	ug/l	86
89) n-Butylbenzene	13.933	91	5430	0.457	ug/l #	79
90) Hexachloroethane	14.216	117	1626	0.483	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.804	75	317	0.220	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.268	180	77	2.440	ug/l #	20
95) Naphthalene	15.504	128	8031	4.899	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	122	2.705	ug/l #	53

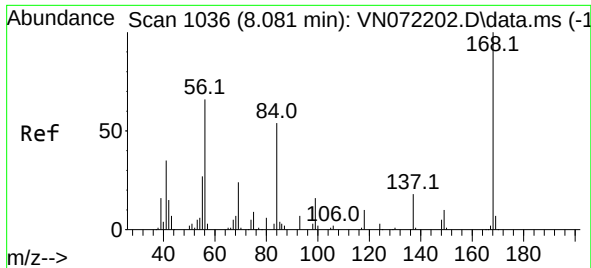
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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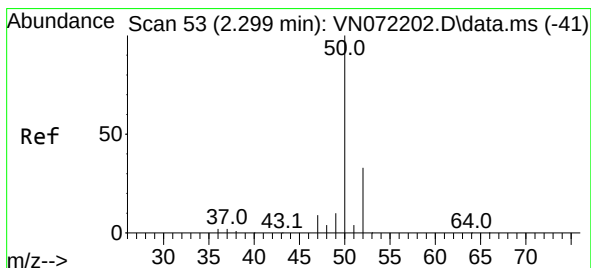
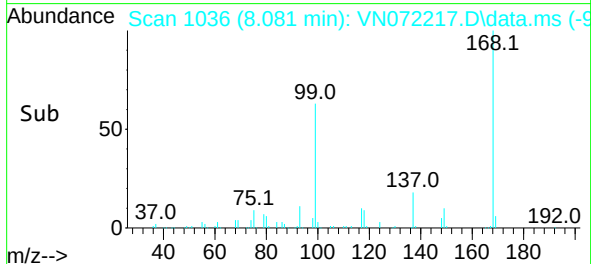
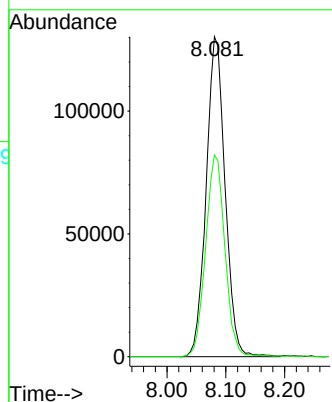
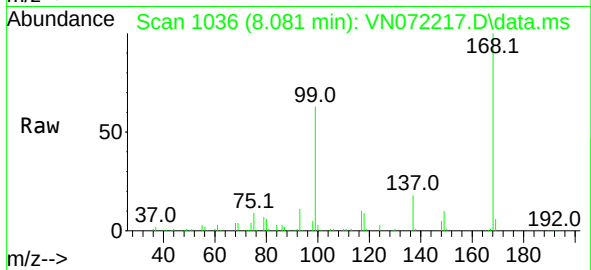




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41

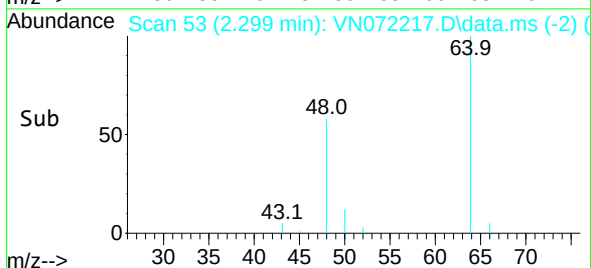
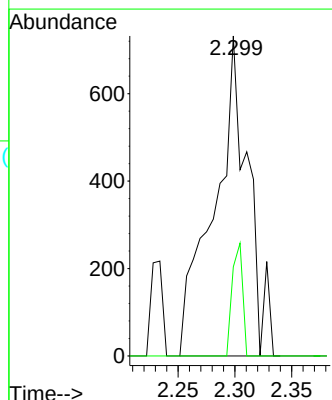
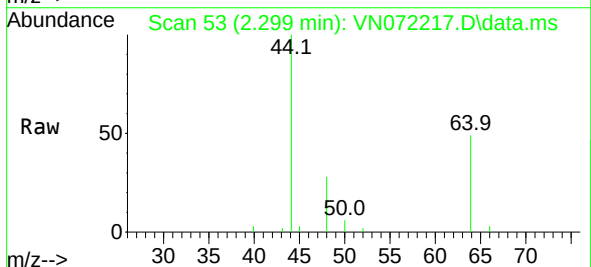
Instrument :
MSVOA_N
ClientSampleId :
31652

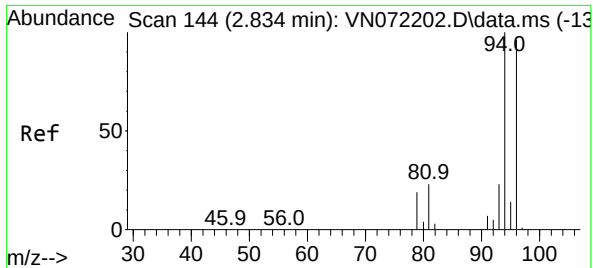
Tgt Ion:168 Resp: 290875
Ion Ratio Lower Upper
168 100
99 63.0 42.3 63.5



#3
Chloromethane
Concen: Below Cal
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41

Tgt Ion: 50 Resp: 1525
Ion Ratio Lower Upper
50 100
52 27.9 25.7 38.5

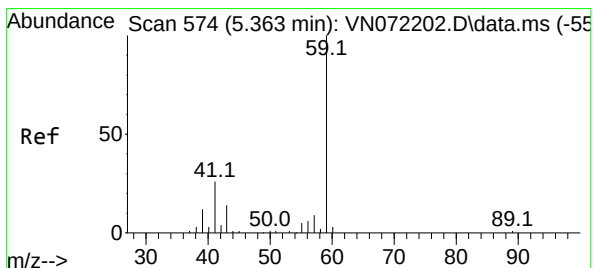
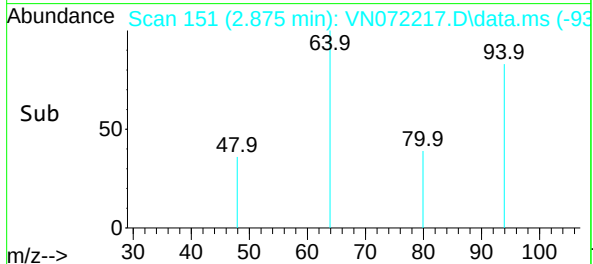
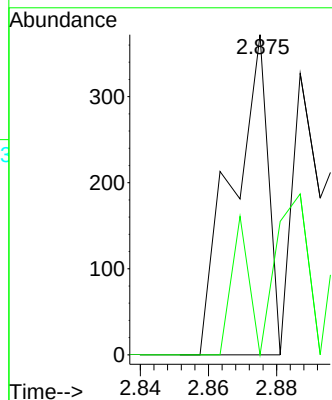
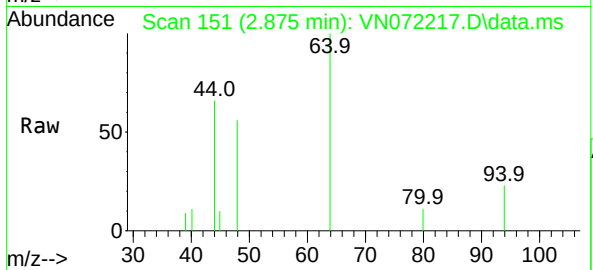




#5
Bromomethane
Concen: Below Cal
RT: 2.875 min Scan# 11
Delta R.T. 0.041 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41

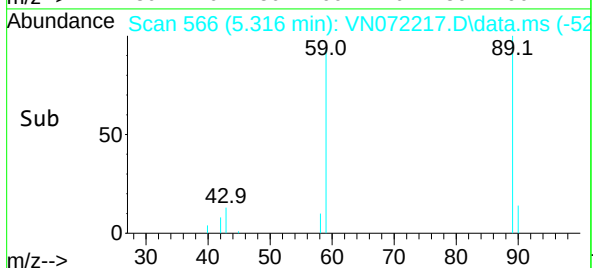
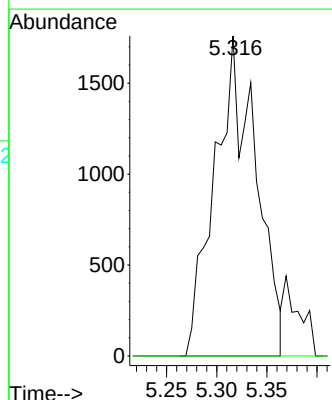
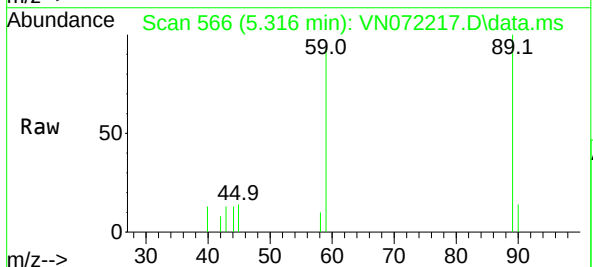
Instrument :
MSVOA_N
ClientSampleId :
31652

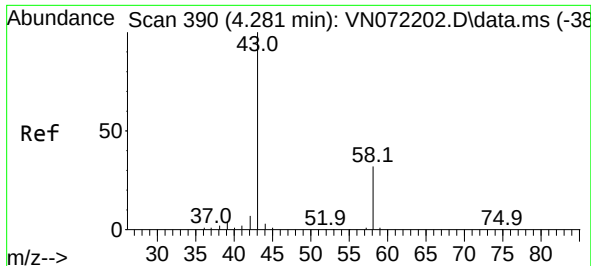
Tgt Ion: 94 Resp: 270
Ion Ratio Lower Upper
94 100
96 0.0 76.0 114.0#



#11
Tert butyl alcohol
Concen: 6.845 ug/l
RT: 5.316 min Scan# 566
Delta R.T. -0.047 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41

Tgt Ion: 59 Resp: 5023
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

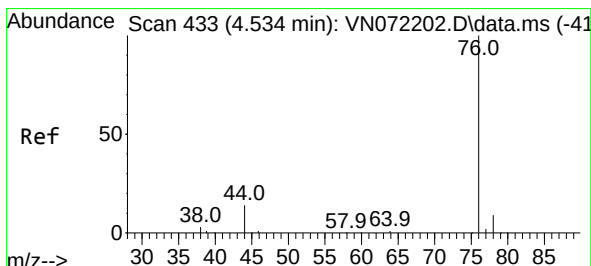
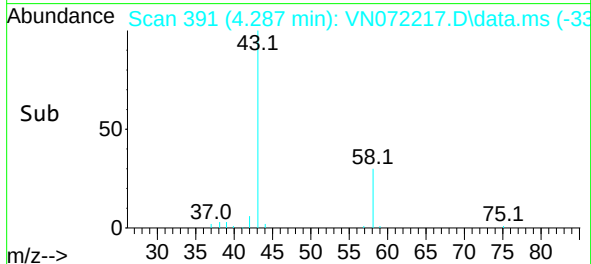
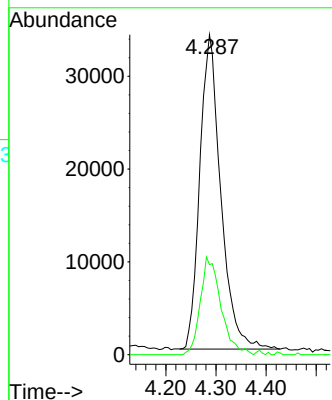
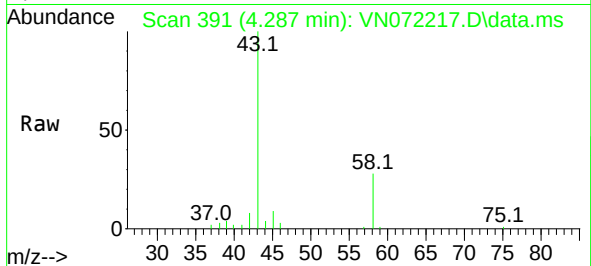




#16
Acetone
Concen: 51.165 ug/l
RT: 4.287 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41

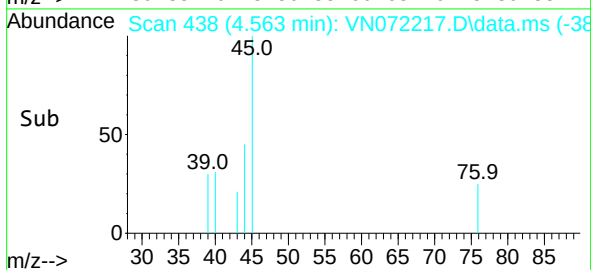
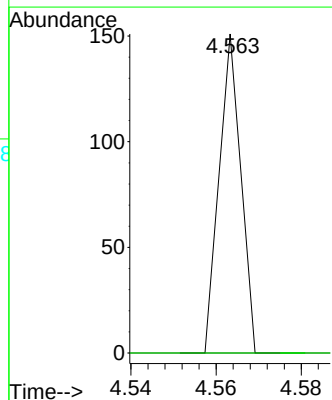
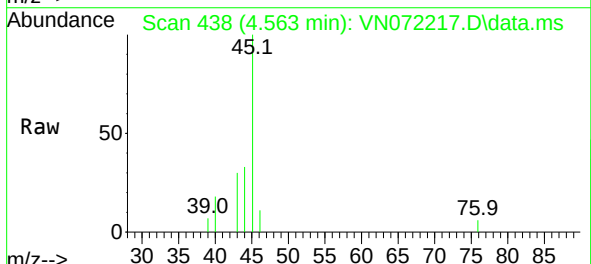
Instrument :
MSVOA_N
ClientSampleId :
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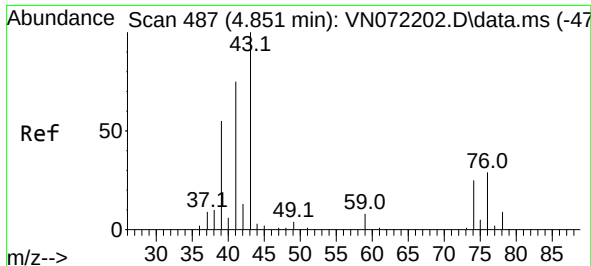
Tgt Ion: 43 Resp: 98508
Ion Ratio Lower Upper
43 100
58 28.6 26.0 39.0



#17
Carbon Disulfide
Concen: 0.371 ug/l
RT: 4.563 min Scan# 438
Delta R.T. 0.029 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41

Tgt Ion: 76 Resp: 53
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

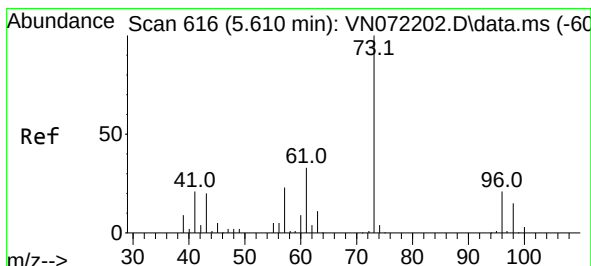
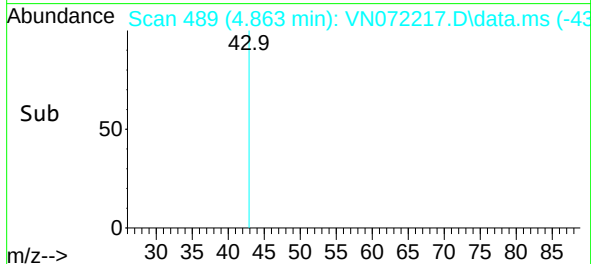
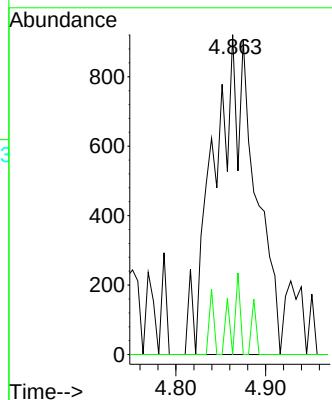
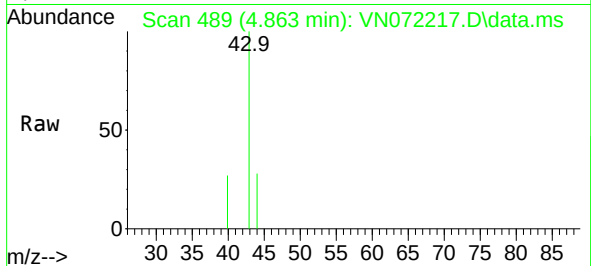




#18
Methyl Acetate
Concen: 0.503 ug/l
RT: 4.863 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41

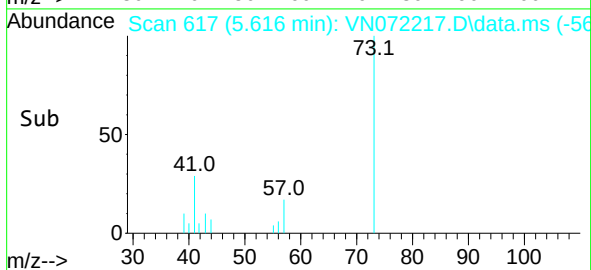
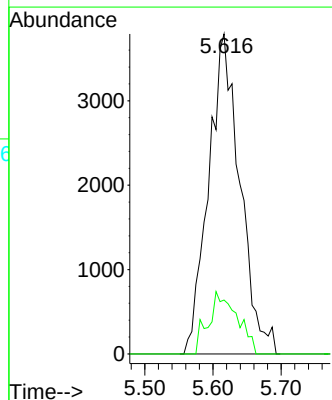
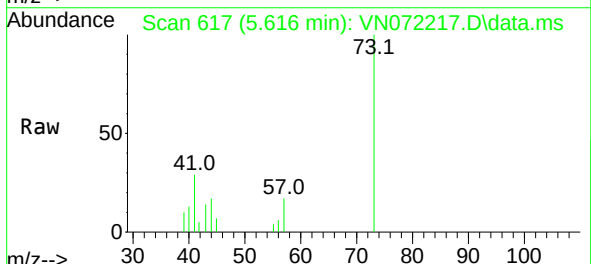
Instrument :
MSVOA_N
ClientSampleId :
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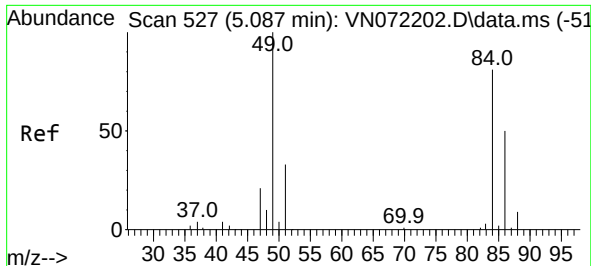
Tgt Ion: 43 Resp: 2921
Ion Ratio Lower Upper
43 100
74 2.0 21.6 32.4#



#19
Methyl tert-butyl Ether
Concen: 1.118 ug/l
RT: 5.616 min Scan# 617
Delta R.T. 0.006 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41

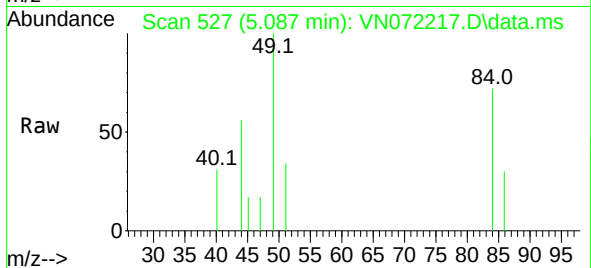
Tgt Ion: 73 Resp: 12179
Ion Ratio Lower Upper
73 100
57 16.8 17.6 26.4#





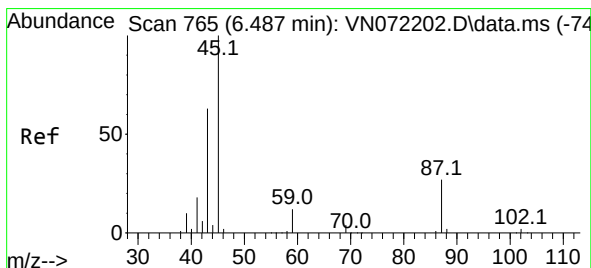
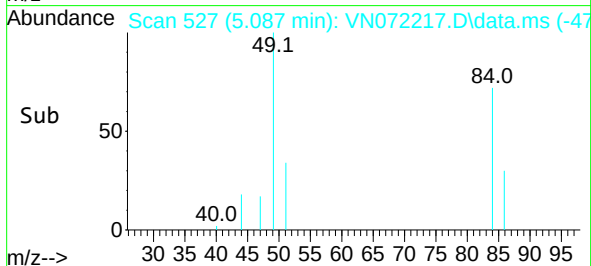
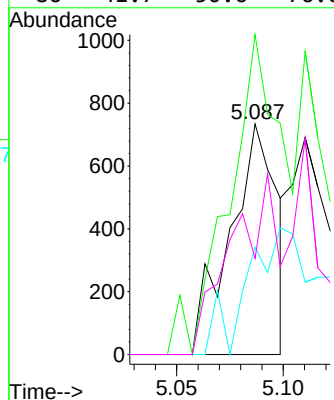
#20
Methylene Chloride
Concen: 0.302 ug/l
RT: 5.087 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 84 Resp: 1116

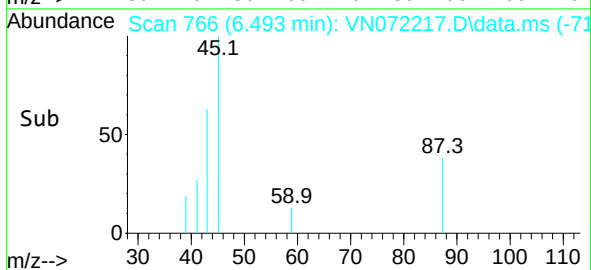
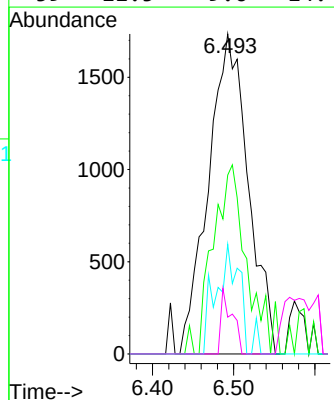
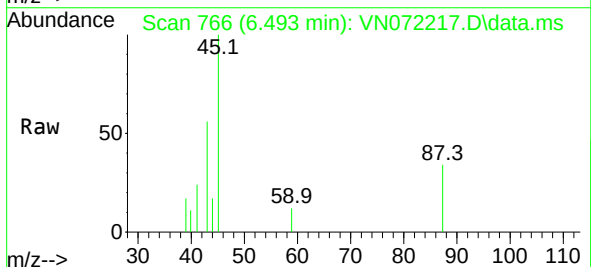
Ion	Ratio	Lower	Upper
84	100		
49	112.9	88.3	132.5
51	46.6	28.2	42.2#
86	41.7	50.6	76.0#

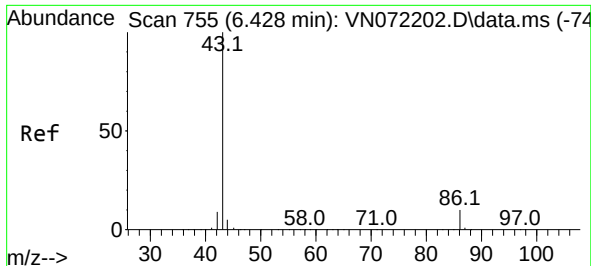


#22
Diisopropyl ether
Concen: 0.499 ug/l
RT: 6.493 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41

Tgt Ion: 45 Resp: 5929

Ion	Ratio	Lower	Upper
45	100		
43	55.9	46.6	70.0
87	34.2	24.3	36.5
59	11.5	9.6	14.4

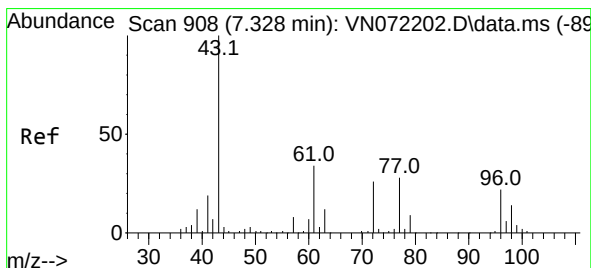
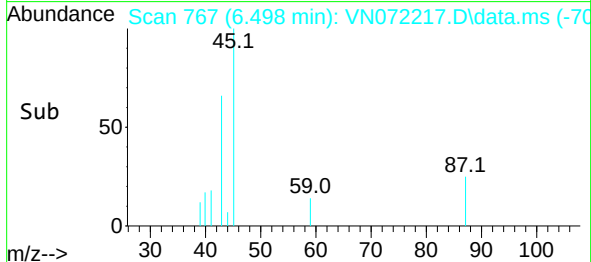
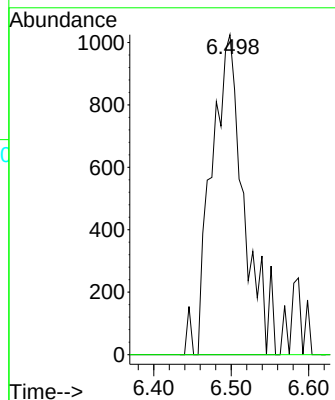
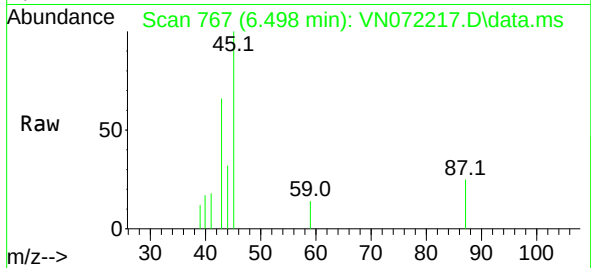




#23
 Vinyl Acetate
 Concen: 0.300 ug/l
 RT: 6.498 min Scan# 70
 Delta R.T. 0.070 min
 Lab File: VN072217.D
 Acq: 27 Apr 2022 15:41

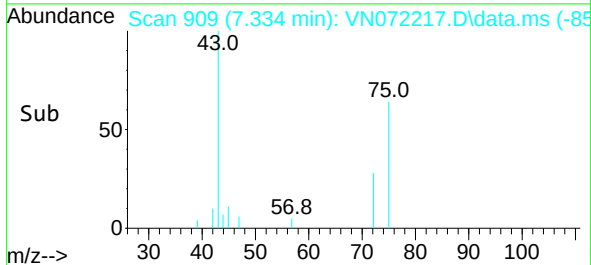
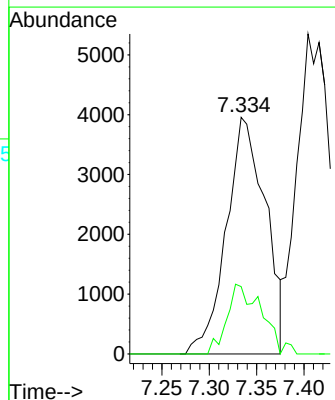
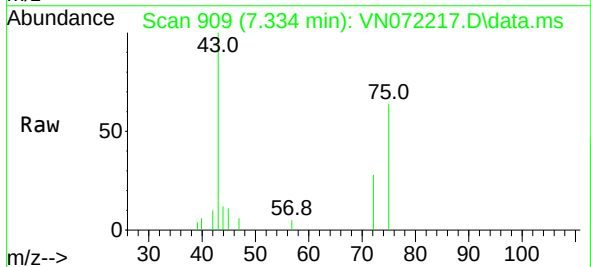
Instrument :
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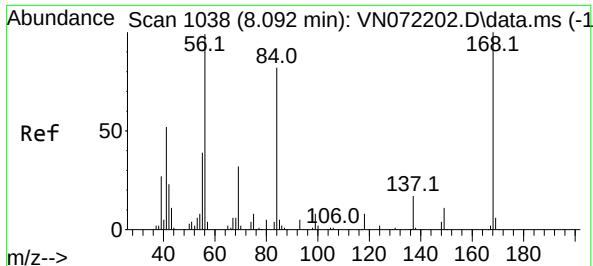
Tgt Ion: 43 Resp: 2993
 Ion Ratio Lower Upper
 43 100
 86 0.0 10.0 15.0#



#25
 2-Butanone
 Concen: 3.718 ug/l
 RT: 7.334 min Scan# 909
 Delta R.T. 0.006 min
 Lab File: VN072217.D
 Acq: 27 Apr 2022 15:41

Tgt Ion: 43 Resp: 11401
 Ion Ratio Lower Upper
 43 100
 72 28.4 23.7 35.5

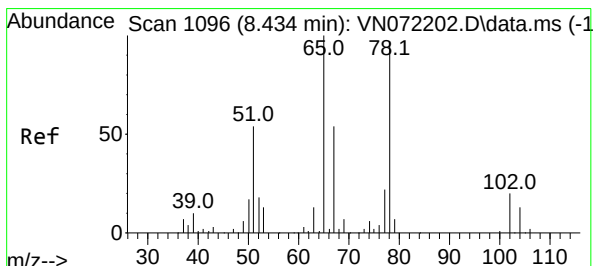
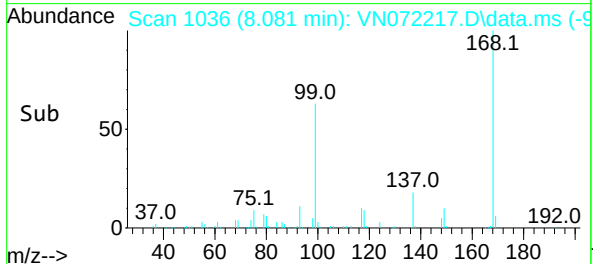
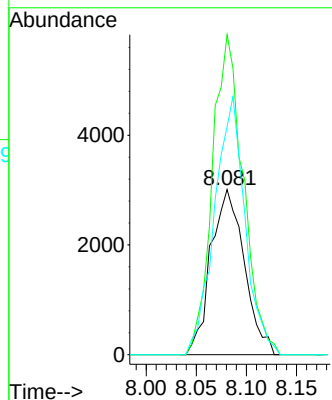
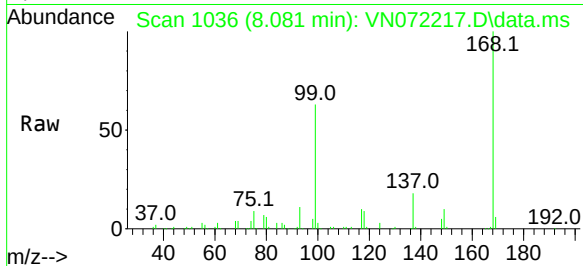




#31
Cyclohexane
Concen: 1.172 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.011 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41

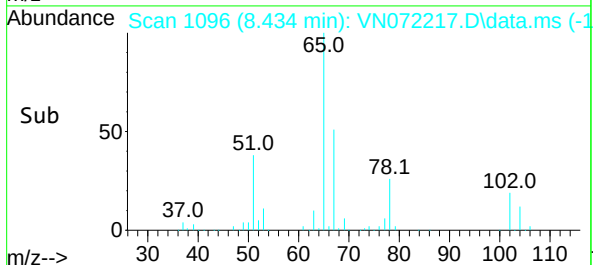
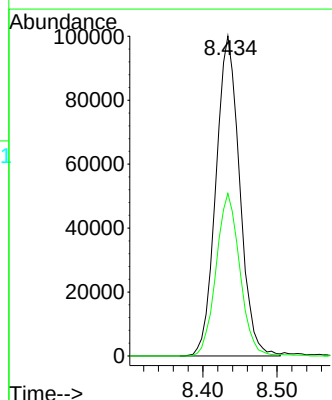
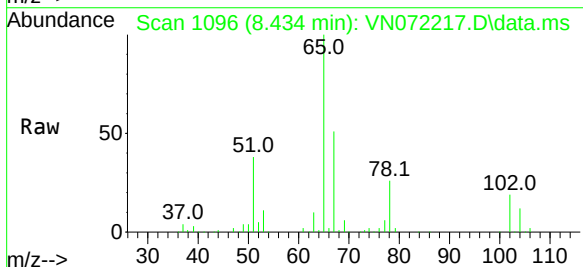
Instrument :
MSVOA_N
ClientSampleId :
31652

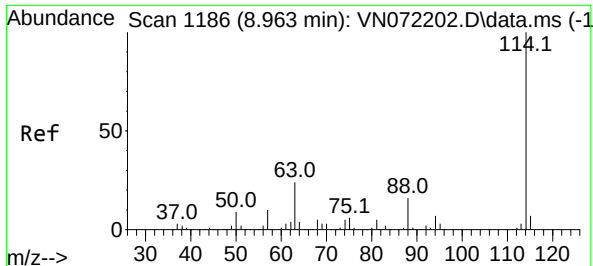
Tgt Ion: 56 Resp: 6992
Ion Ratio Lower Upper
56 100
69 193.9 27.8 41.8#
84 138.0 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 49.883 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41

Tgt Ion: 65 Resp: 222758
Ion Ratio Lower Upper
65 100
67 50.8 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072217.D

Acq: 27 Apr 2022 15:41

Instrument :

MSVOA_N

ClientSampleId :

31652

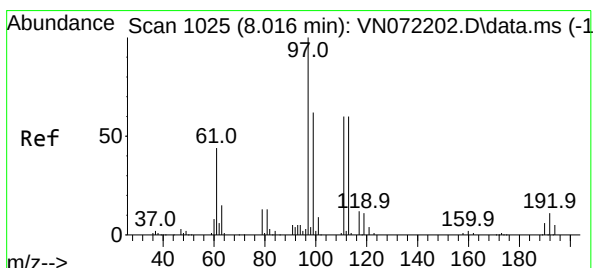
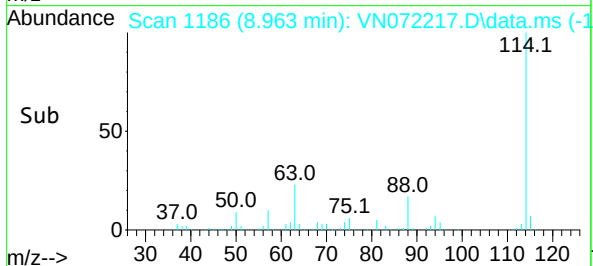
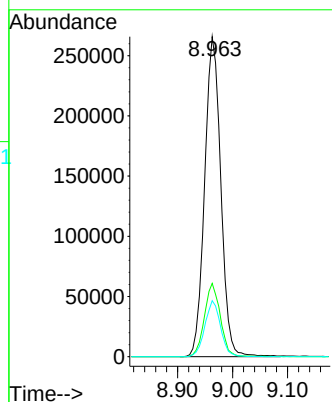
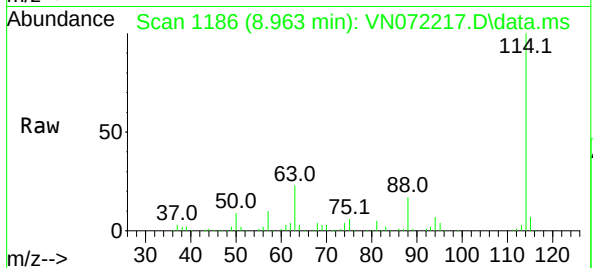
Tgt Ion:114 Resp: 543587

Ion Ratio Lower Upper

114 100

63 22.9 0.0 40.0

88 17.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.495 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072217.D

Acq: 27 Apr 2022 15:41

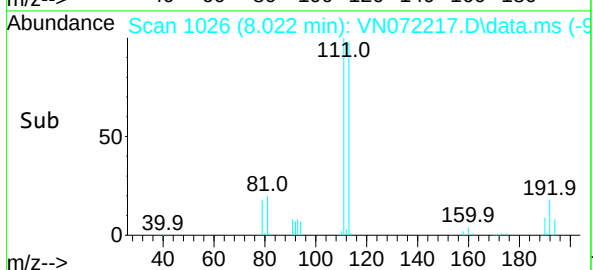
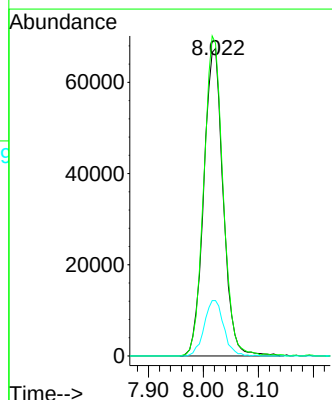
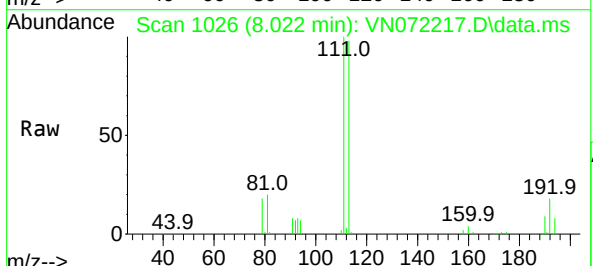
Tgt Ion:113 Resp: 165247

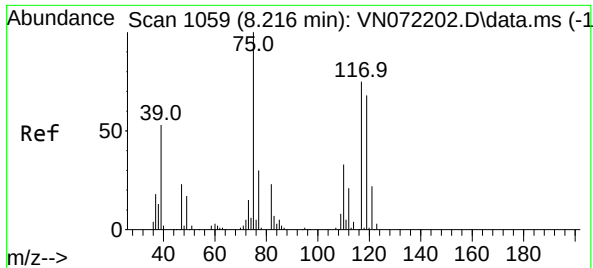
Ion Ratio Lower Upper

113 100

111 102.6 81.4 122.0

192 18.1 17.0 25.6

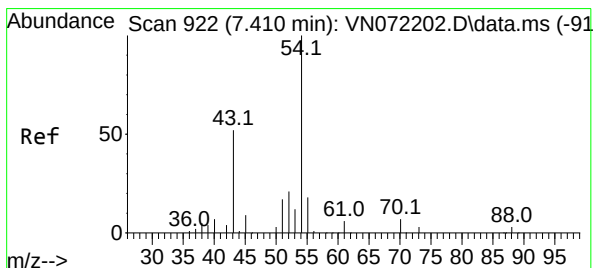
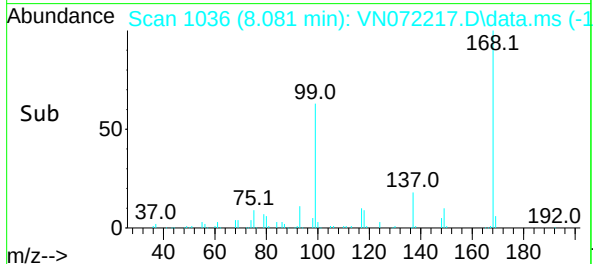
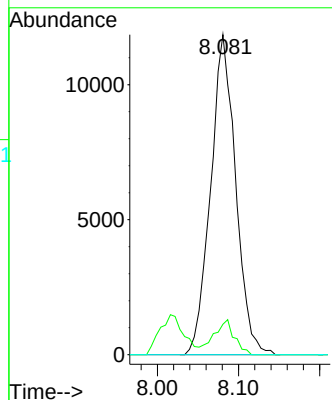
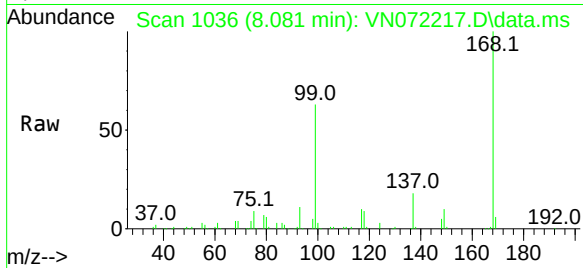




#36
 1,1-Dichloropropene
 Concen: 5.015 ug/l
 RT: 8.081 min Scan# 11
 Delta R.T. -0.135 min
 Lab File: VN072217.D
 Acq: 27 Apr 2022 15:41

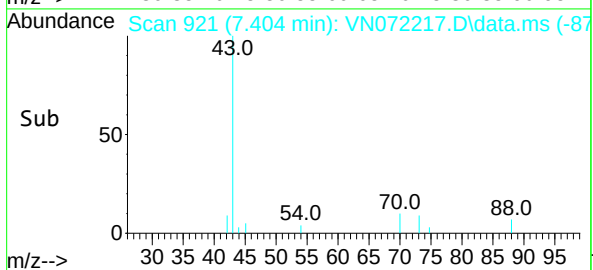
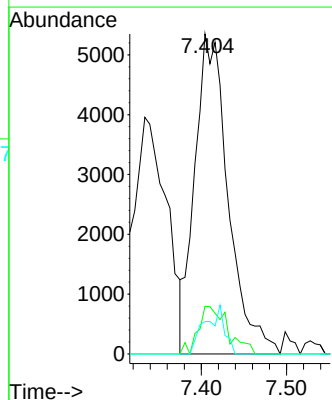
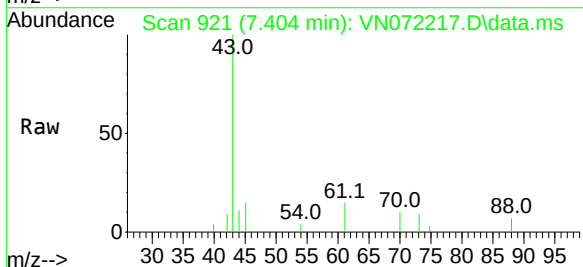
Instrument :
 MSVOA_N
 ClientSampleId :
 31652

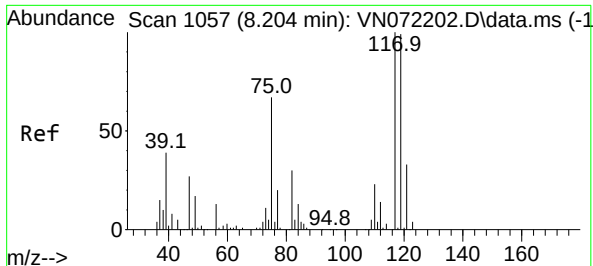
Tgt Ion: 75 Resp: 25396
 Ion Ratio Lower Upper
 75 100
 110 9.0 18.3 54.8#
 77 0.0 25.1 37.7#



#37
 Ethyl Acetate
 Concen: 2.166 ug/l
 RT: 7.404 min Scan# 921
 Delta R.T. -0.006 min
 Lab File: VN072217.D
 Acq: 27 Apr 2022 15:41

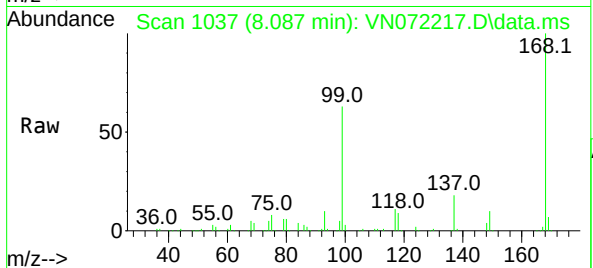
Tgt Ion: 43 Resp: 14565
 Ion Ratio Lower Upper
 43 100
 61 13.3 11.8 17.6
 70 8.9 9.3 13.9#



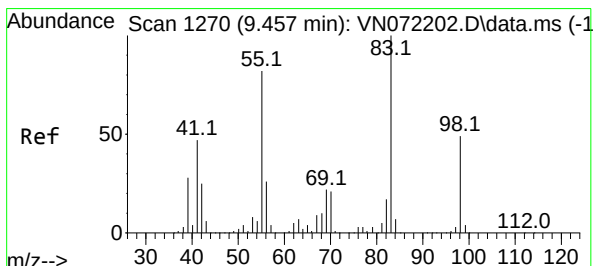
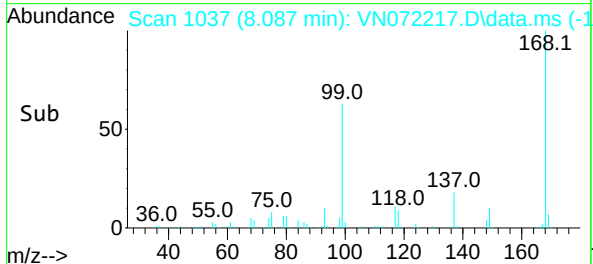
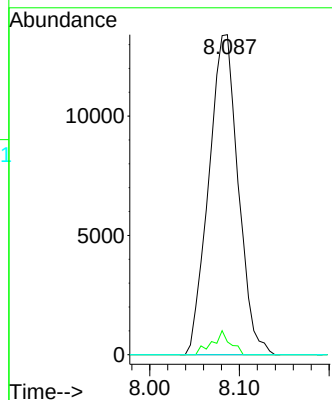


#38
Carbon Tetrachloride
Concen: 5.652 ug/l
RT: 8.087 min Scan# 1057
Delta R.T. -0.117 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41

Instrument :
MSVOA_N
ClientSampleId :
31652

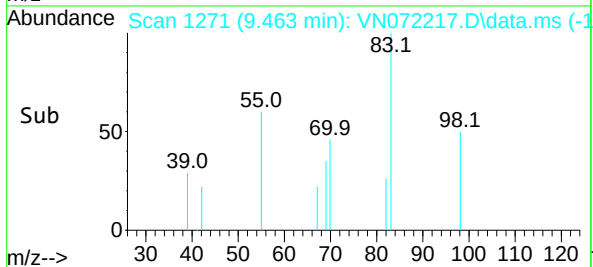
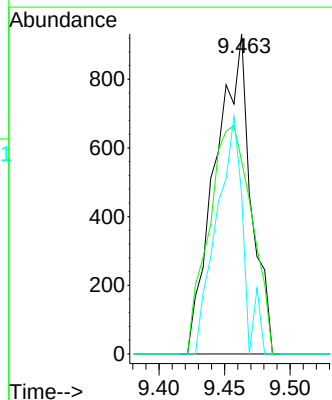
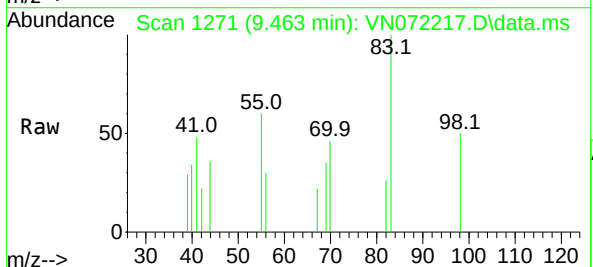


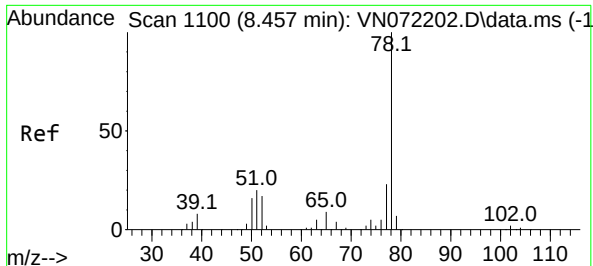
Tgt Ion:117 Resp: 30656
Ion Ratio Lower Upper
117 100
119 4.0 75.8 113.8#
121 0.0 24.6 37.0#



#39
Methylcyclohexane
Concen: 0.309 ug/l
RT: 9.463 min Scan# 1271
Delta R.T. 0.006 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41

Tgt Ion: 83 Resp: 1750
Ion Ratio Lower Upper
83 100
55 60.3 57.8 86.8
98 50.0 39.4 59.2

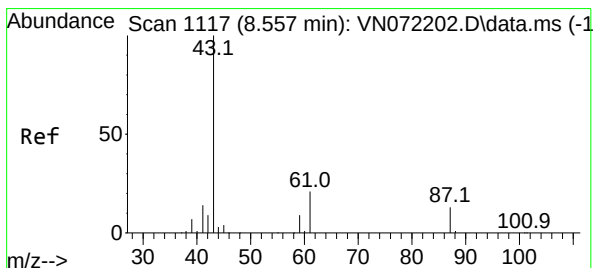
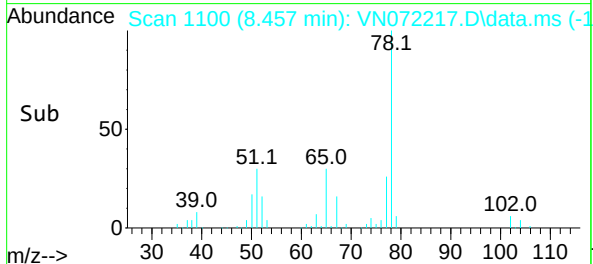
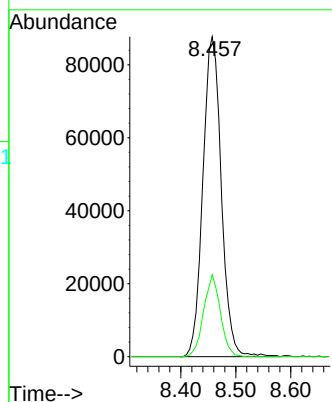
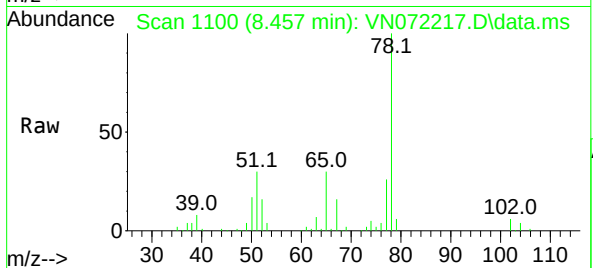




#40
Benzene
Concen: 13.005 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41

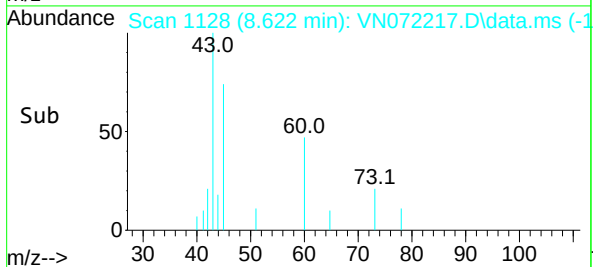
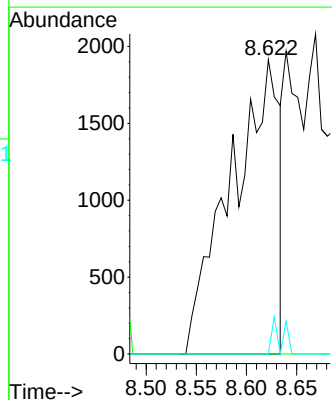
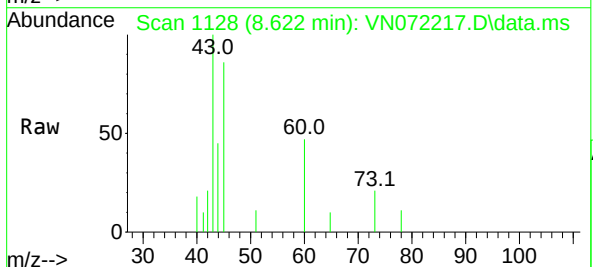
Instrument :
MSVOA_N
ClientSampleId :
31652

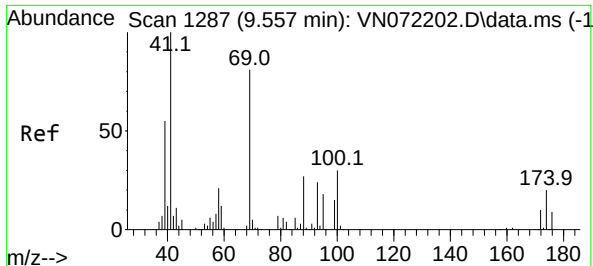
Tgt Ion: 78 Resp: 204296
Ion Ratio Lower Upper
78 100
77 25.6 19.4 29.0



#43
Isopropyl Acetate
Concen: 1.397 ug/l
RT: 8.622 min Scan# 1128
Delta R.T. 0.065 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41

Tgt Ion: 43 Resp: 6399
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 2.5 12.0 18.0#





#48

Methyl methacrylate

Concen: 0.203 ug/l

RT: 9.451 min Scan# 11

Delta R.T. -0.106 min

Lab File: VN072217.D

Acq: 27 Apr 2022 15:41

Instrument :

MSVOA_N

ClientSampleId :

31652

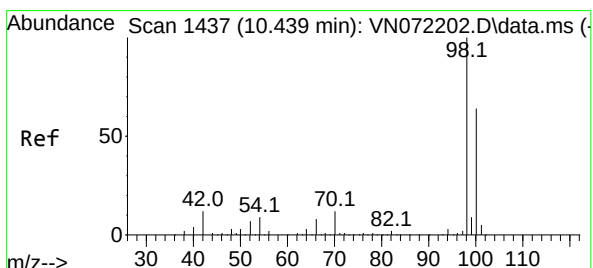
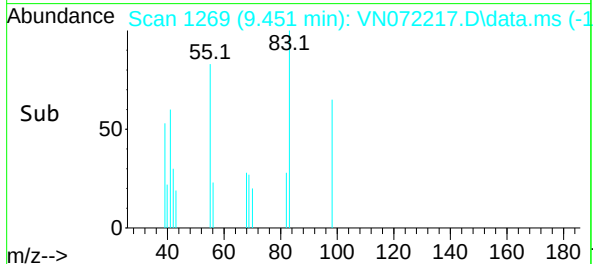
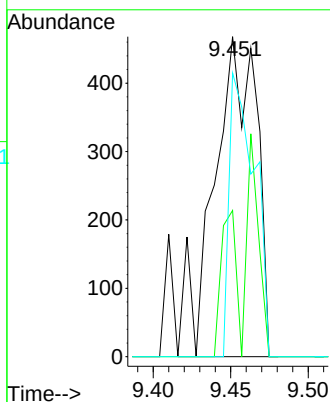
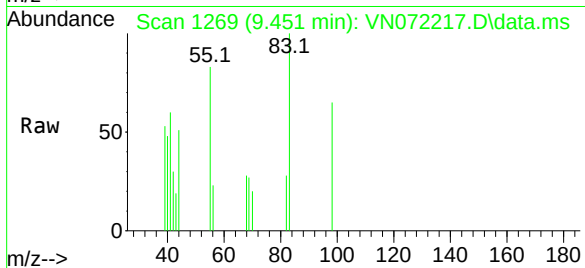
Tgt Ion: 41 Resp: 901

Ion Ratio Lower Upper

41 100

69 15.9 74.7 112.1#

39 52.2 45.6 68.4



#50

Toluene-d8

Concen: 50.561 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072217.D

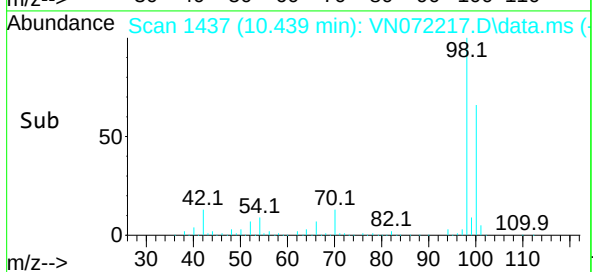
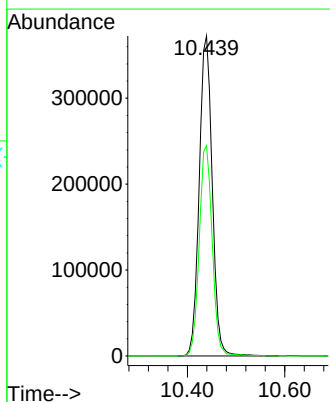
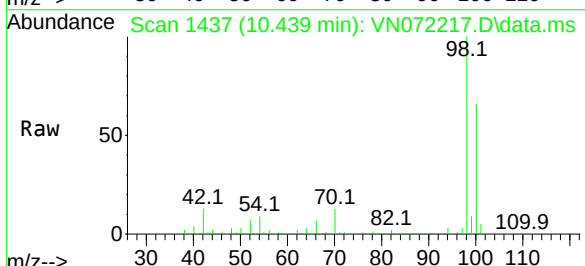
Acq: 27 Apr 2022 15:41

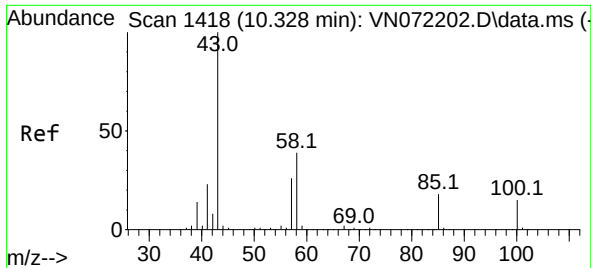
Tgt Ion: 98 Resp: 691245

Ion Ratio Lower Upper

98 100

100 65.6 52.6 78.8

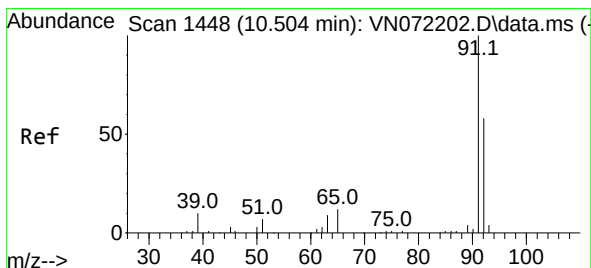
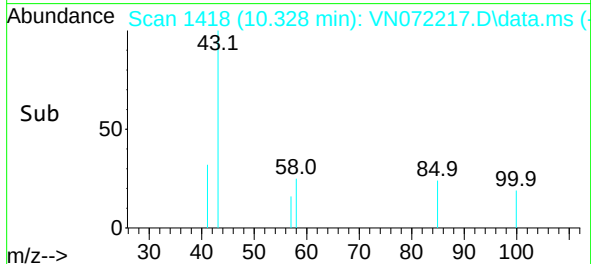
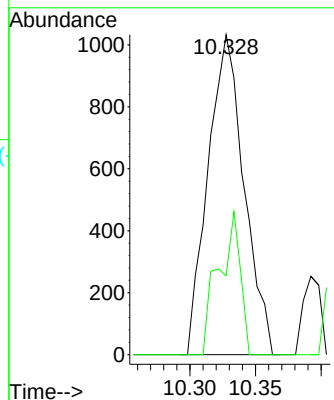
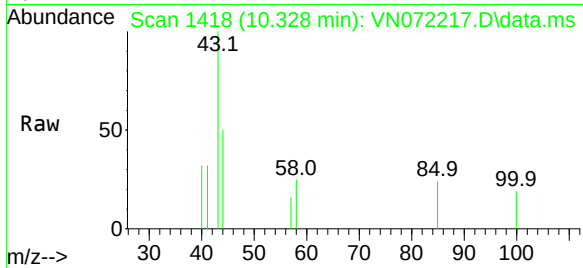




#51
4-Methyl-2-Pentanone
Concen: 0.311 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41

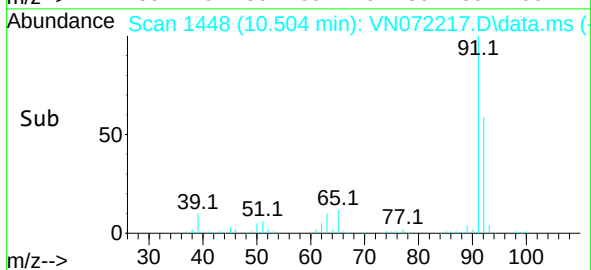
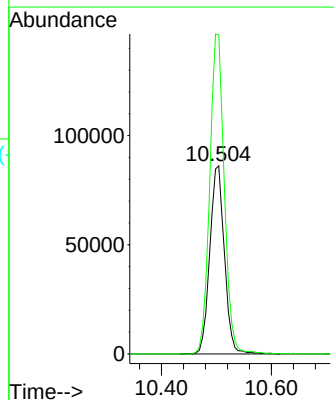
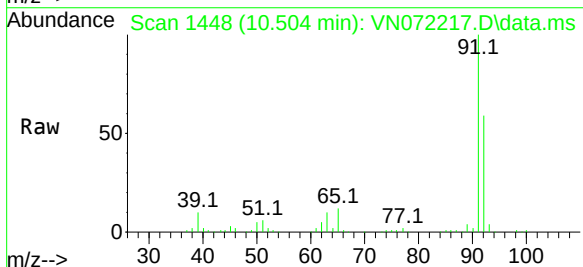
Instrument :
MSVOA_N
ClientSampleId :
31652

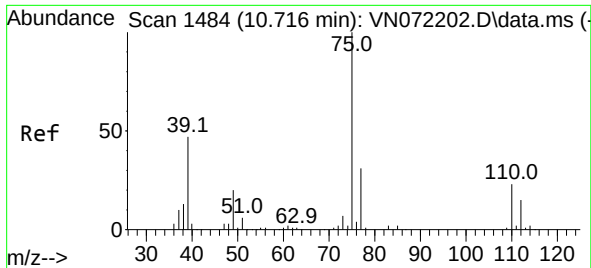
Tgt Ion: 43 Resp: 1971
Ion Ratio Lower Upper
43 100
58 26.9 34.1 51.1#



#52
Toluene
Concen: 16.902 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41

Tgt Ion: 92 Resp: 158721
Ion Ratio Lower Upper
92 100
91 169.9 138.6 207.8

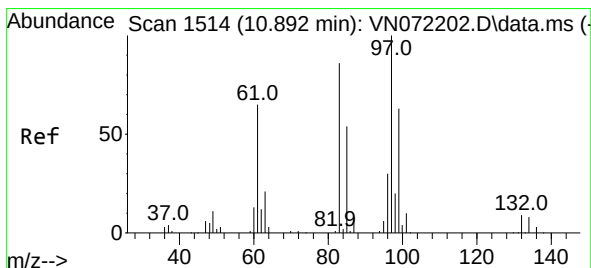
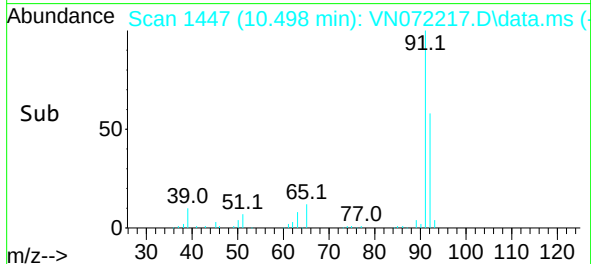
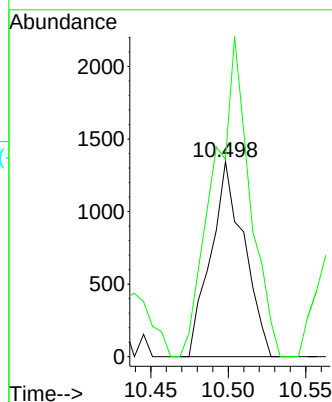
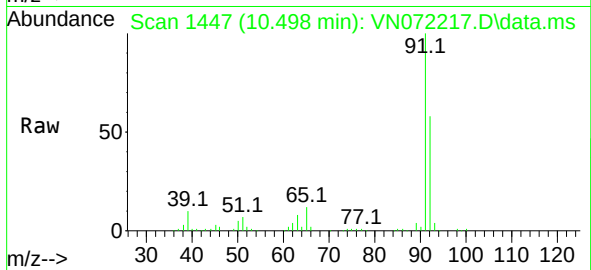




#53
t-1,3-Dichloropropene
Concen: 0.357 ug/l
RT: 10.498 min Scan# 1484
Delta R.T. -0.218 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41

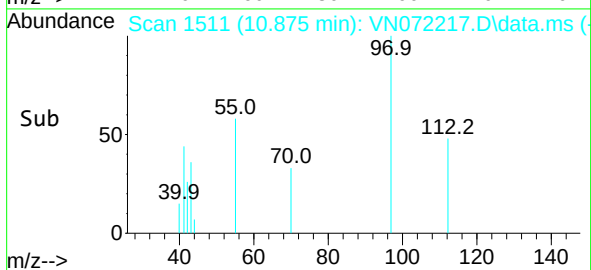
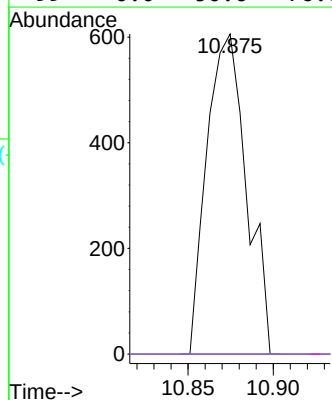
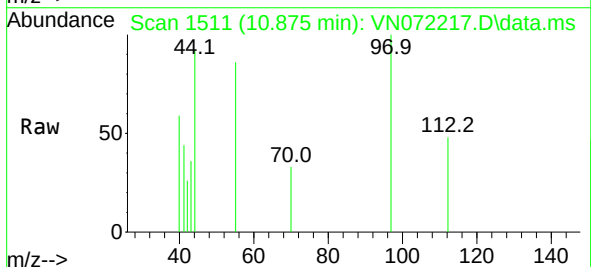
Instrument :
MSVOA_N
ClientSampleId :
31652

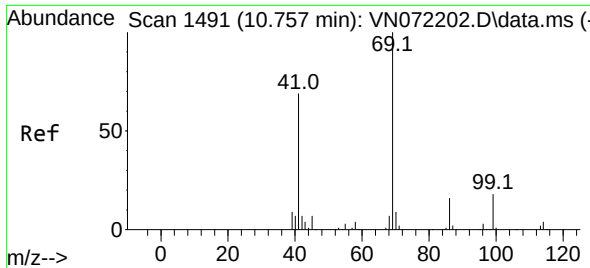
Tgt Ion: 75 Resp: 2002
Ion Ratio Lower Upper
75 100
77 101.0 25.6 38.4#



#55
1,1,2-Trichloroethane
Concen: 0.249 ug/l
RT: 10.875 min Scan# 1511
Delta R.T. -0.017 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41

Tgt Ion: 97 Resp: 982
Ion Ratio Lower Upper
97 100
83 0.0 66.2 99.4#
85 0.0 43.9 65.9#
99 0.0 50.6 76.0#

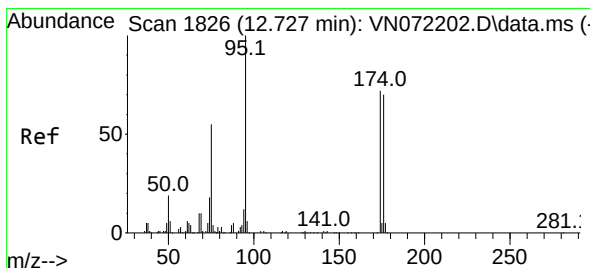
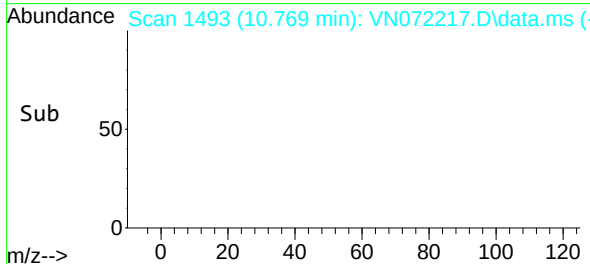
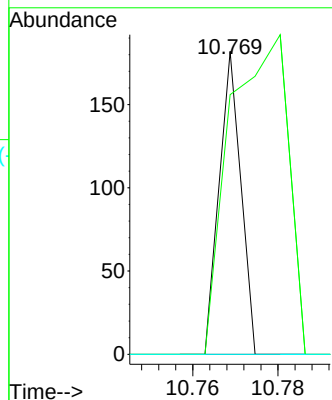
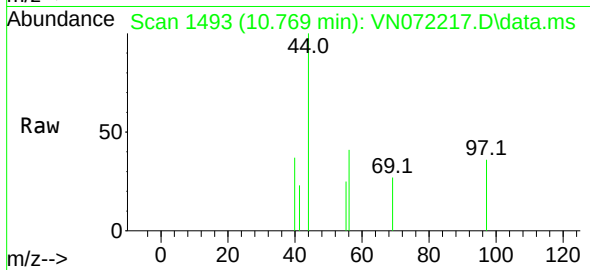




#56
Ethyl methacrylate
Concen: 2.374 ug/l
RT: 10.769 min Scan# 1493
Delta R.T. 0.012 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41

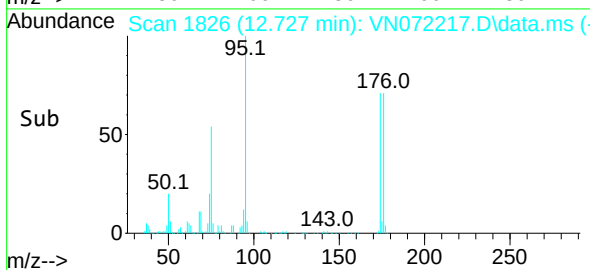
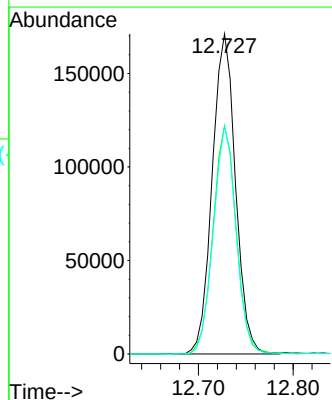
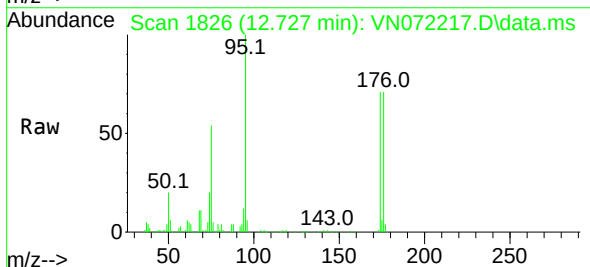
Instrument :
MSVOA_N
ClientSampleId :
31652

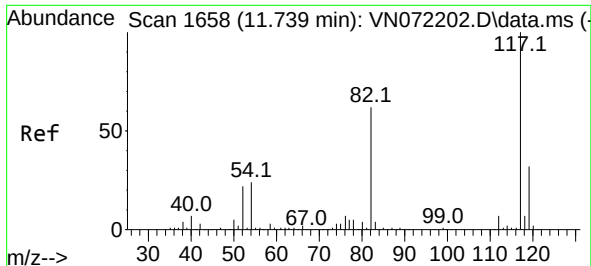
Tgt Ion: 69 Resp: 64
Ion Ratio Lower Upper
69 100
41 284.4 47.8 71.6#
39 0.0 27.3 40.9#



#62
4-Bromofluorobenzene
Concen: 64.329 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41

Tgt Ion: 95 Resp: 291911
Ion Ratio Lower Upper
95 100
174 71.1 0.0 167.6
176 69.5 0.0 163.4

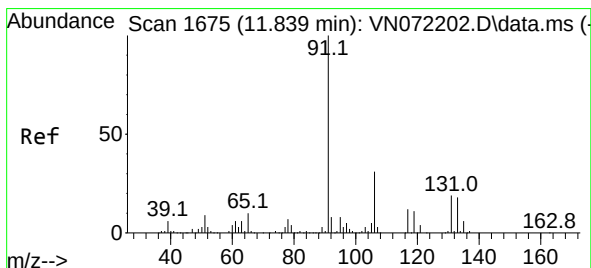
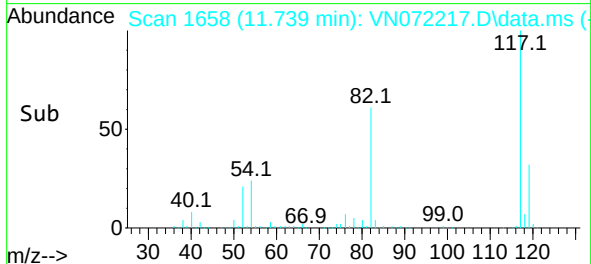
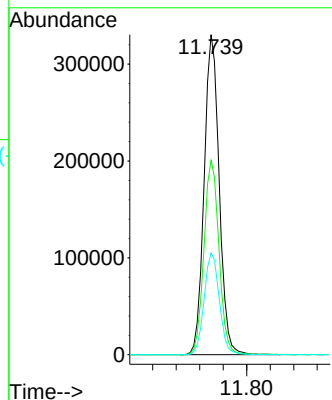
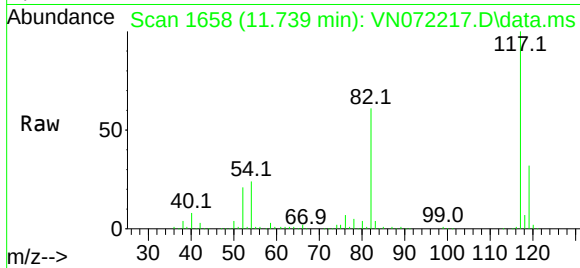




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41

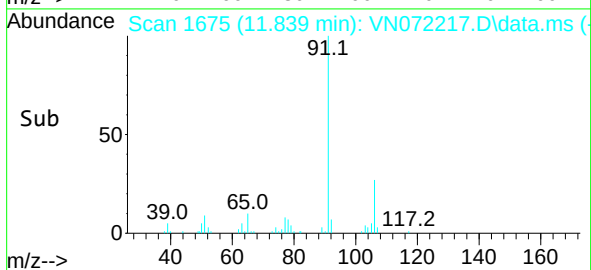
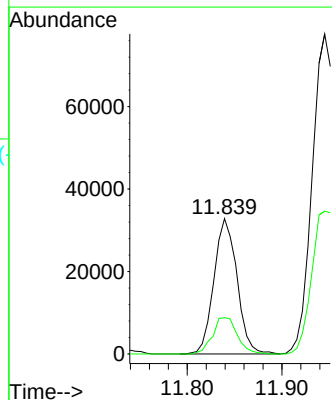
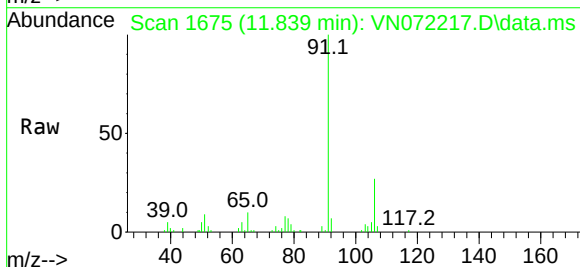
Instrument :
MSVOA_N
ClientSampleId :
31652

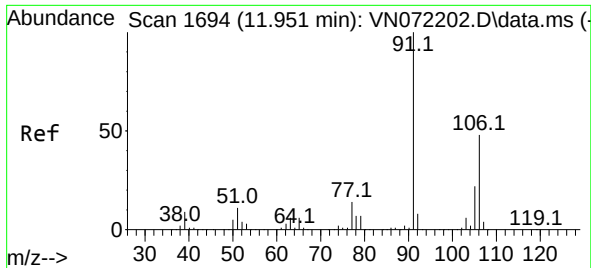
Tgt Ion:117 Resp: 588970
Ion Ratio Lower Upper
117 100
82 60.7 44.2 66.2
119 31.7 25.4 38.0



#67
Ethyl Benzene
Concen: 2.682 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41

Tgt Ion: 91 Resp: 55667
Ion Ratio Lower Upper
91 100
106 26.8 24.9 37.3

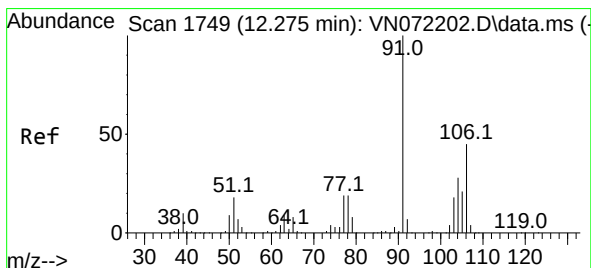
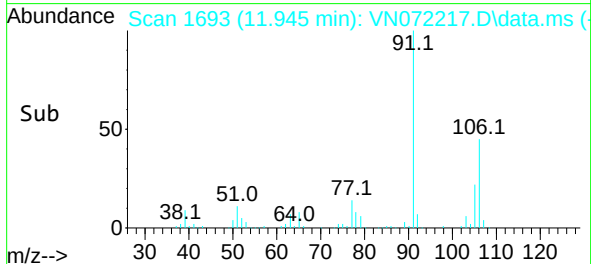
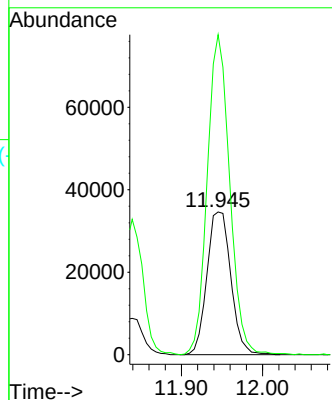
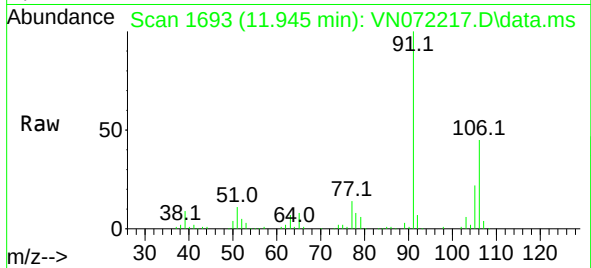




#68
m/p-Xylenes
Concen: 9.189 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41

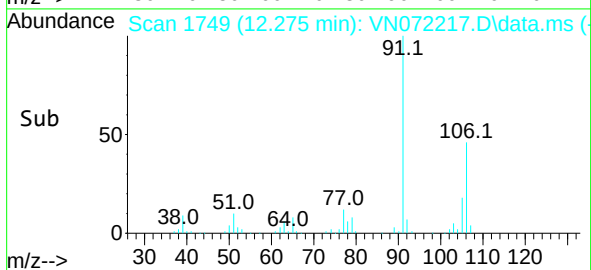
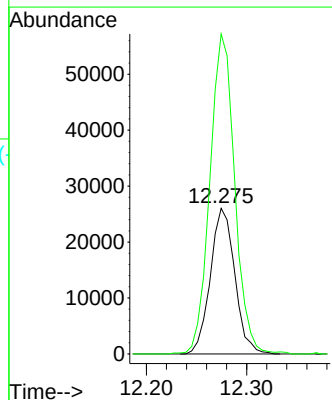
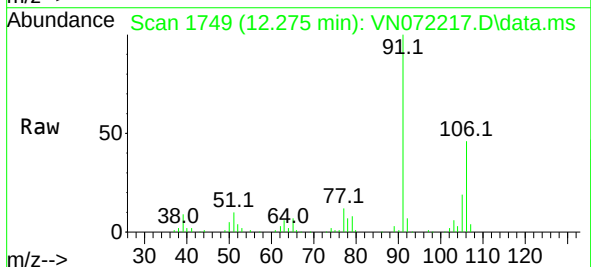
Instrument :
MSVOA_N
ClientSampleId :
31652

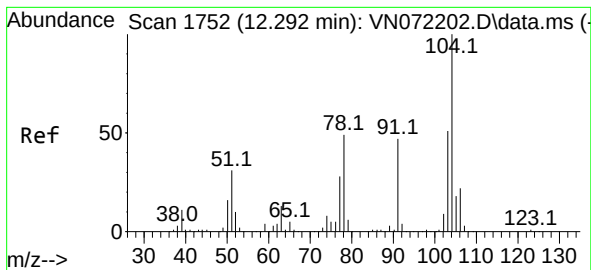
Tgt Ion:106 Resp: 70817
Ion Ratio Lower Upper
106 100
91 210.4 158.9 238.3



#69
o-Xylene
Concen: 5.889 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41

Tgt Ion:106 Resp: 43995
Ion Ratio Lower Upper
106 100
91 223.5 106.0 318.0





#70

Styrene

Concen: 0.224 ug/l

RT: 12.275 min Scan# 11

Delta R.T. -0.017 min

Lab File: VN072217.D

Acq: 27 Apr 2022 15:41

Instrument :

MSVOA_N

ClientSampleId :

31652

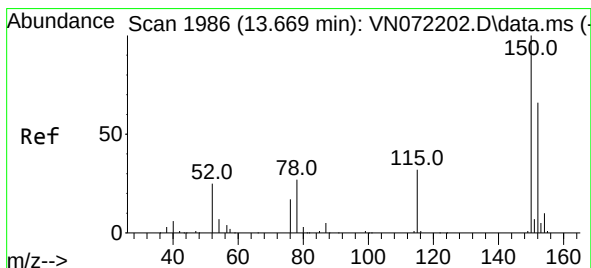
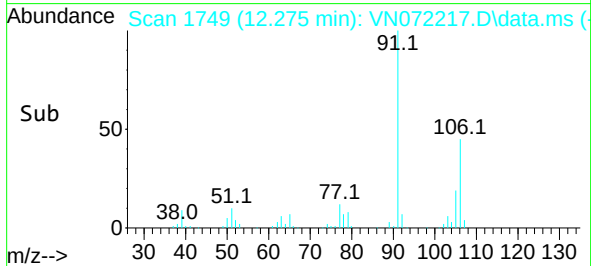
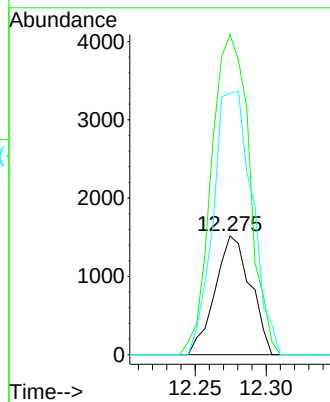
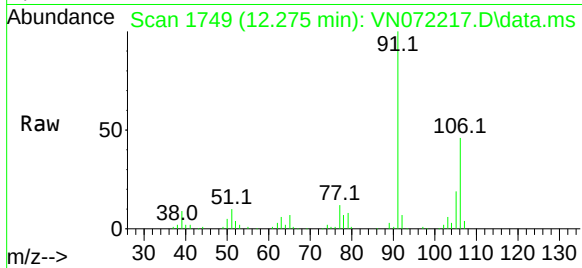
Tgt Ion:104 Resp: 2637

Ion Ratio Lower Upper

104 100

78 288.3 39.5 59.3#

103 243.0 44.0 66.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.669 min Scan# 1986

Delta R.T. -0.000 min

Lab File: VN072217.D

Acq: 27 Apr 2022 15:41

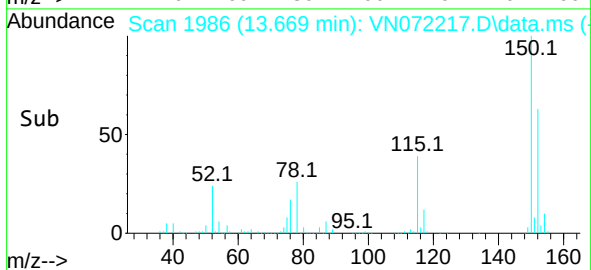
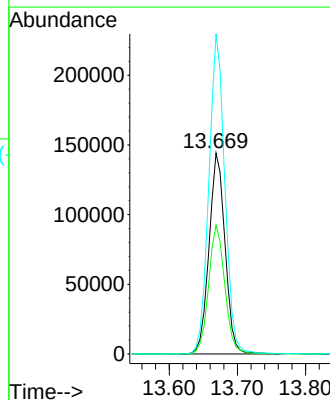
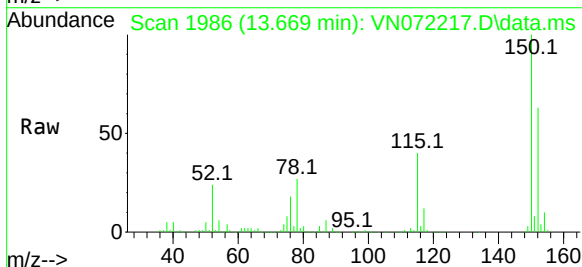
Tgt Ion:152 Resp: 236236

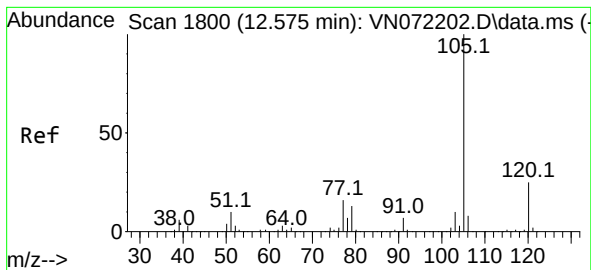
Ion Ratio Lower Upper

152 100

115 64.9 28.9 86.7

150 158.2 0.0 356.2





#73

Isopropylbenzene

Concen: 0.321 ug/l

RT: 12.575 min Scan# 1800

Delta R.T. -0.000 min

Lab File: VN072217.D

Acq: 27 Apr 2022 15:41

Instrument :

MSVOA_N

ClientSampleId :

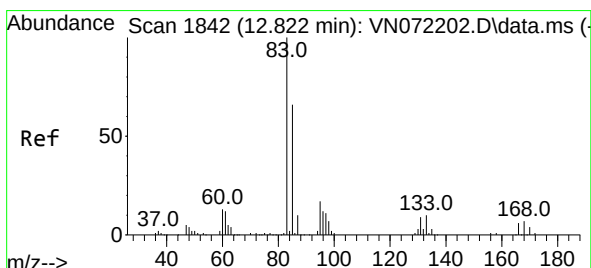
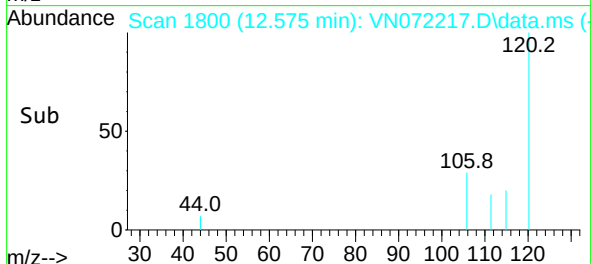
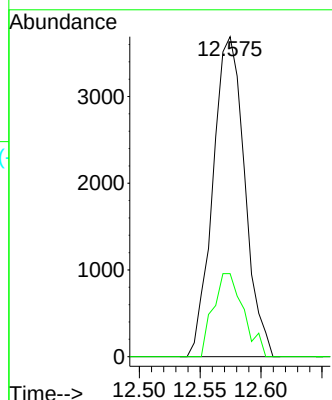
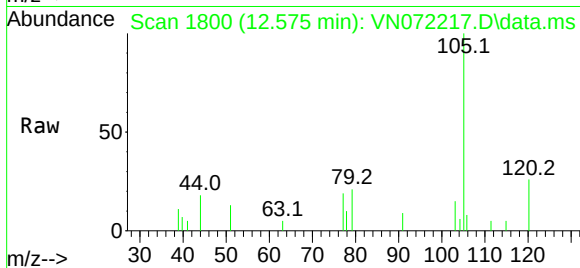
31652

Tgt Ion:105 Resp: 6699

Ion Ratio Lower Upper

105 100

120 24.7 13.5 40.4



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.722 min Scan# 1825

Delta R.T. -0.100 min

Lab File: VN072217.D

Acq: 27 Apr 2022 15:41

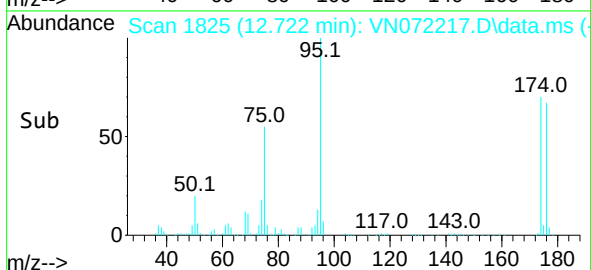
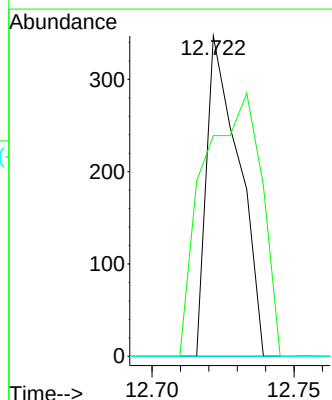
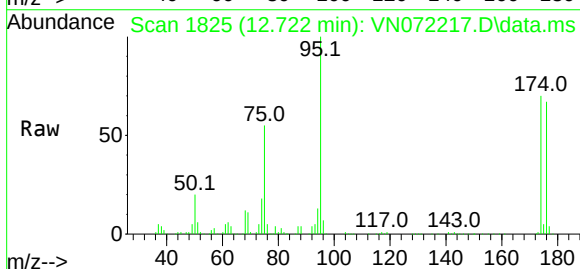
Tgt Ion: 83 Resp: 274

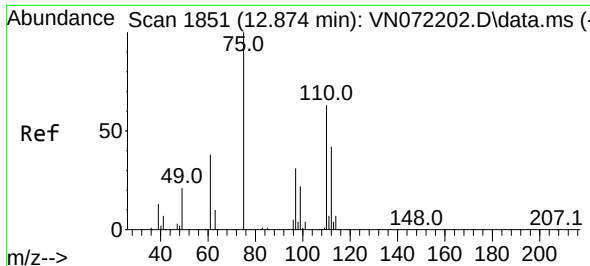
Ion Ratio Lower Upper

83 100

131 146.7 5.3 15.9#

85 0.0 32.3 96.9#

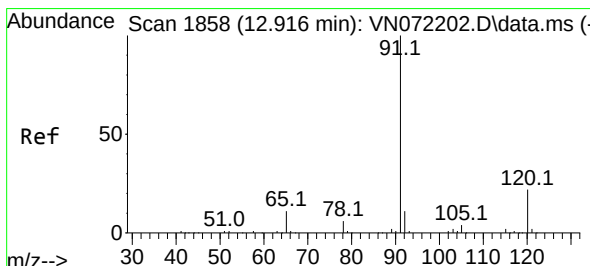
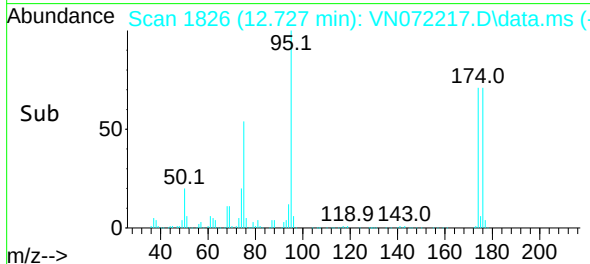
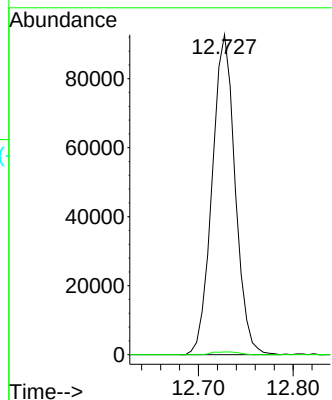
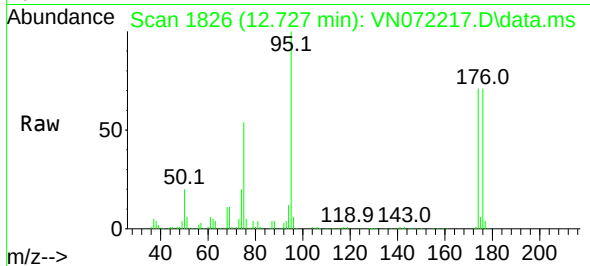




#76
1,2,3-Trichloropropane
Concen: 29.519 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41

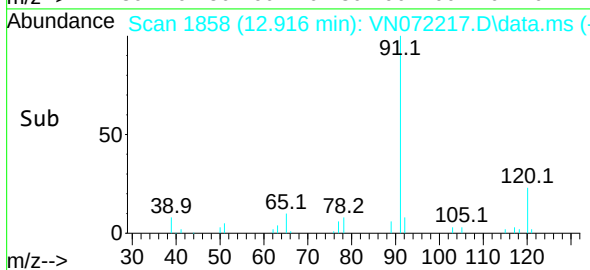
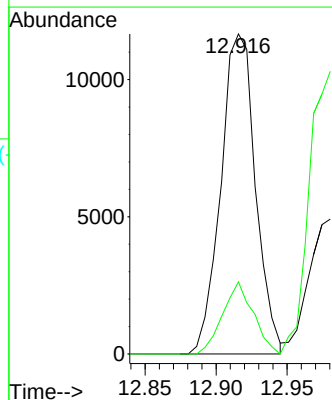
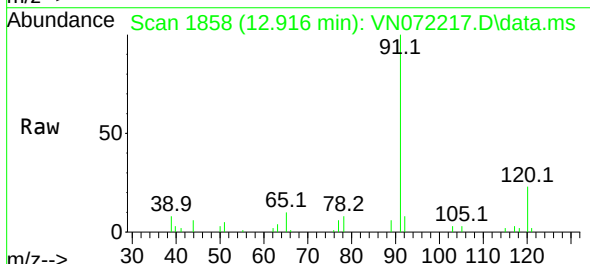
Instrument :
MSVOA_N
ClientSampleId :
31652

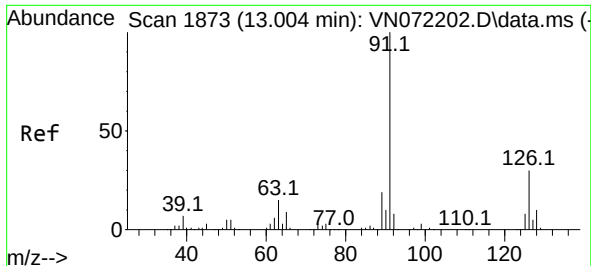
Tgt Ion: 75 Resp: 156613
Ion Ratio Lower Upper
75 100
77 1.0 98.5 295.5#



#78
n-propylbenzene
Concen: 0.861 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41

Tgt Ion: 91 Resp: 19791
Ion Ratio Lower Upper
91 100
120 19.9 11.9 35.5

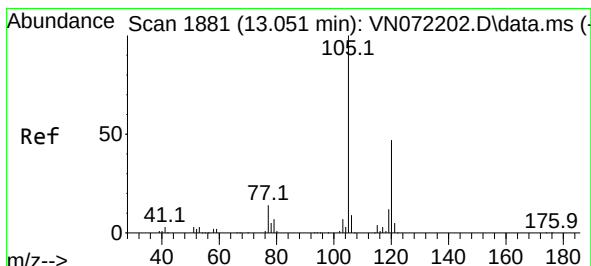
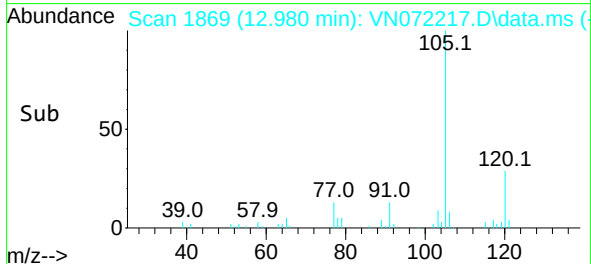
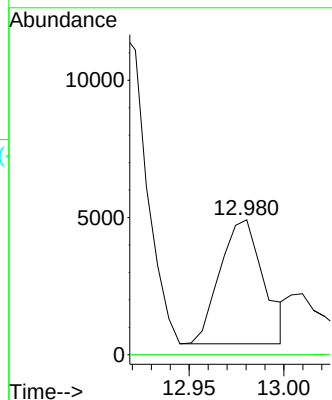
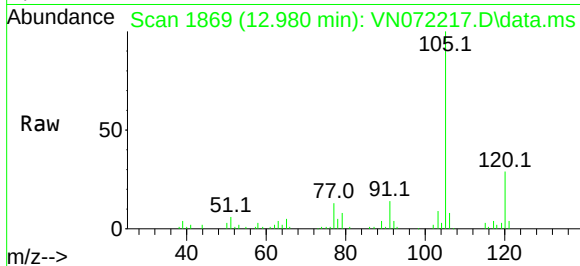




#79
2-Chlorotoluene
Concen: 0.482 ug/l
RT: 12.980 min Scan# 1869
Delta R.T. -0.024 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41

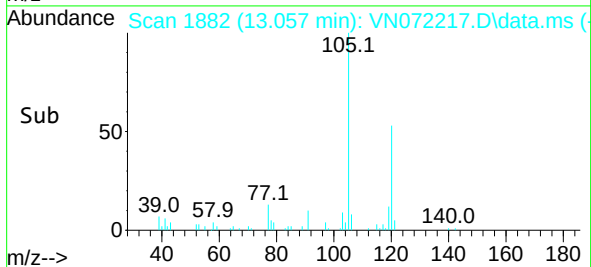
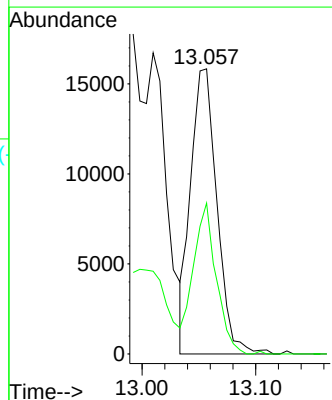
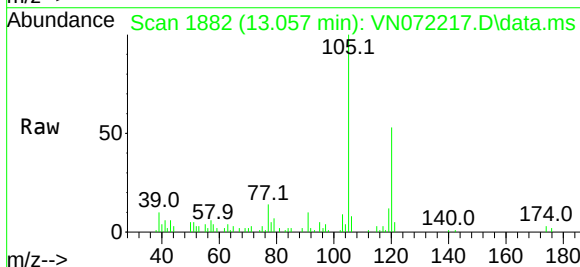
Instrument :
MSVOA_N
ClientSampleId :
31652

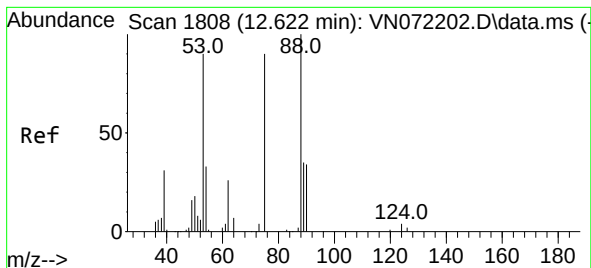
Tgt Ion: 91 Resp: 7270
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.9#



#80
1,3,5-Trimethylbenzene
Concen: 1.461 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41

Tgt Ion: 105 Resp: 25392
Ion Ratio Lower Upper
105 100
120 46.3 24.9 74.7

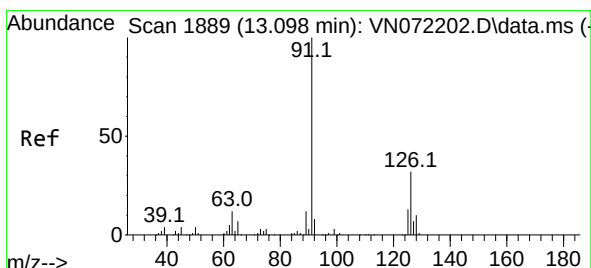
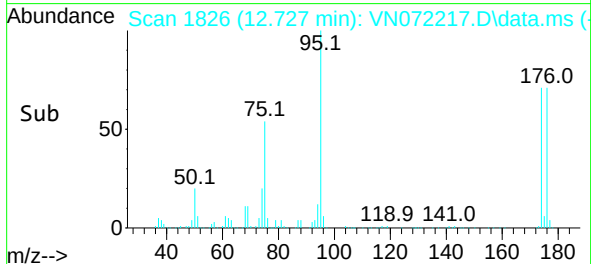
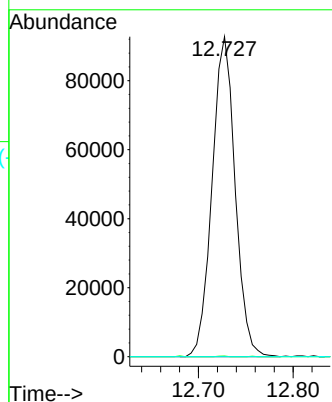
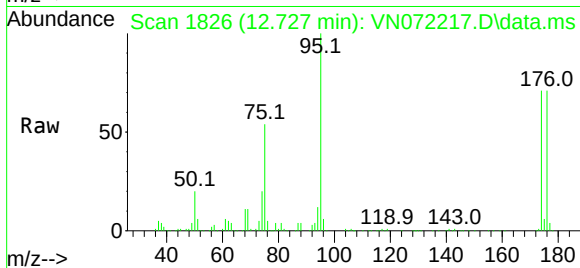




#81
trans-1,4-Dichloro-2-butene
Concen: 76.655 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41

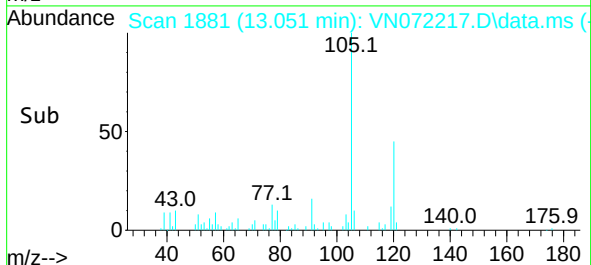
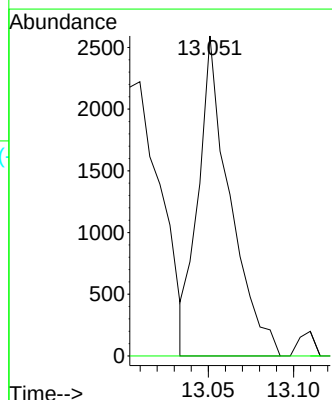
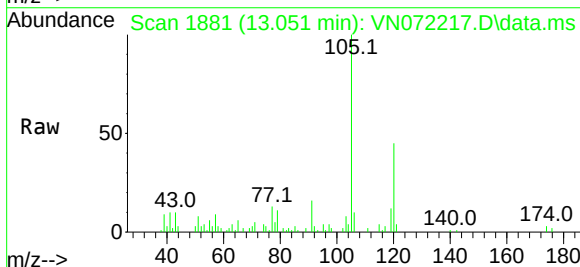
Instrument :
MSVOA_N
ClientSampleId :
31652

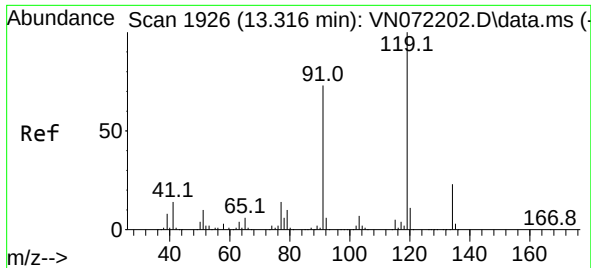
Tgt Ion: 75 Resp: 156613
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#



#82
4-Chlorotoluene
Concen: 0.237 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.047 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41

Tgt Ion: 91 Resp: 3335
Ion Ratio Lower Upper
91 100
126 0.0 17.2 51.6#

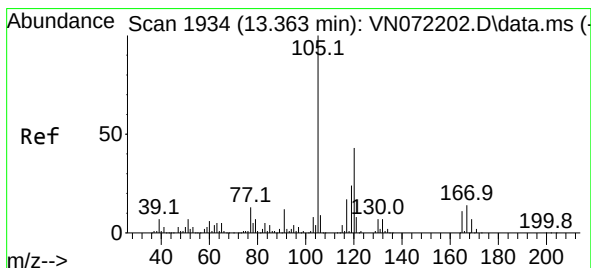
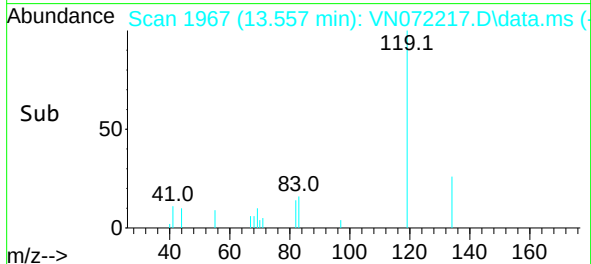
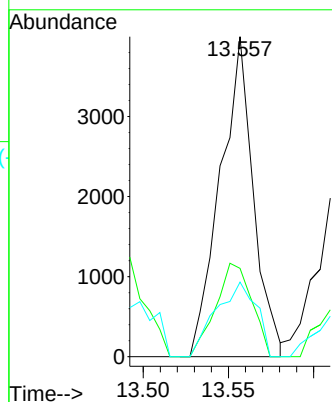
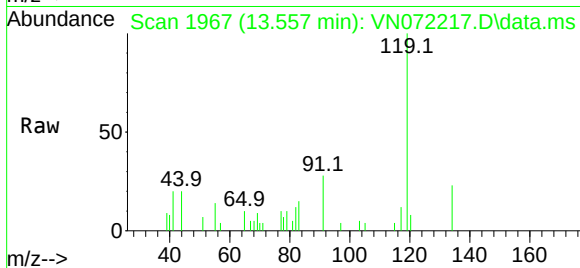




#83
 tert-Butylbenzene
 Concen: 0.353 ug/l
 RT: 13.557 min Scan# 1967
 Delta R.T. 0.241 min
 Lab File: VN072217.D
 Acq: 27 Apr 2022 15:41

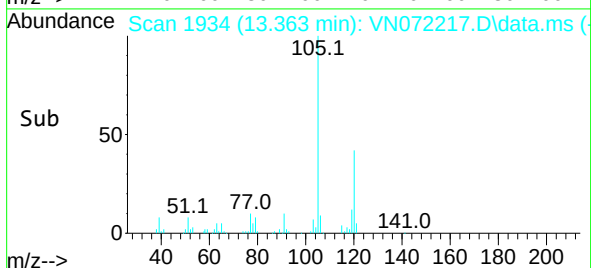
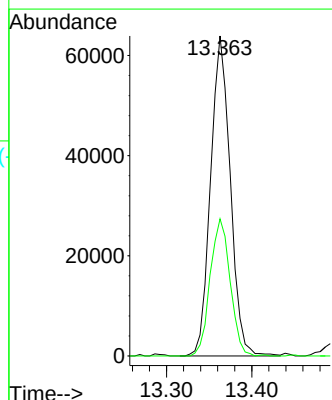
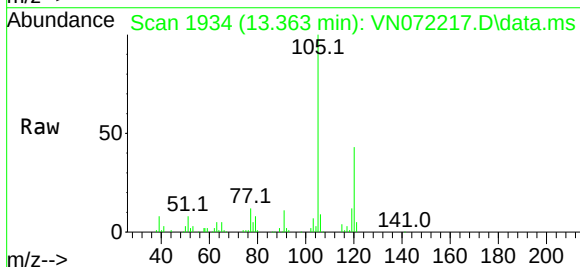
Instrument :
 MSVOA_N
 ClientSampleId :
 31652

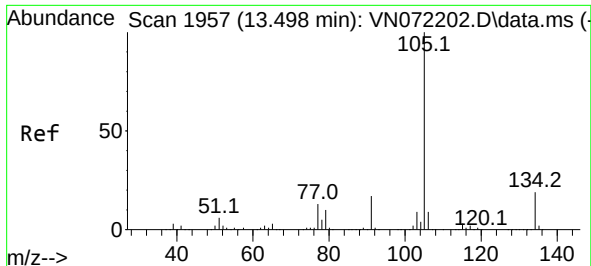
Tgt Ion:119	Resp:	5392
Ion	Ratio	Lower Upper
119	100	
91	31.9	31.6 94.8
134	28.4	13.7 41.1



#84
 1,2,4-Trimethylbenzene
 Concen: 6.103 ug/l
 RT: 13.363 min Scan# 1934
 Delta R.T. -0.000 min
 Lab File: VN072217.D
 Acq: 27 Apr 2022 15:41

Tgt Ion:105	Resp:	102602
Ion	Ratio	Lower Upper
105	100	
120	43.5	23.3 69.8





#85

sec-Butylbenzene

Concen: 0.234 ug/l

RT: 13.498 min Scan# 1957

Delta R.T. -0.000 min

Lab File: VN072217.D

Acq: 27 Apr 2022 15:41

Instrument :

MSVOA_N

ClientSampleId :

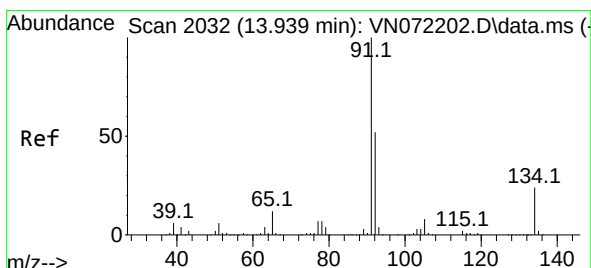
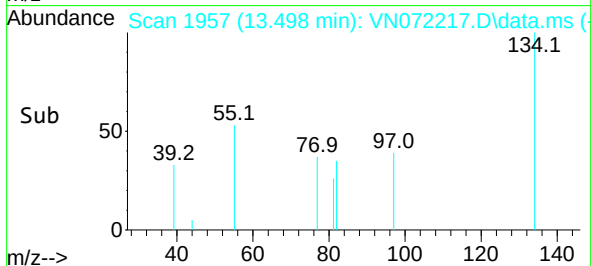
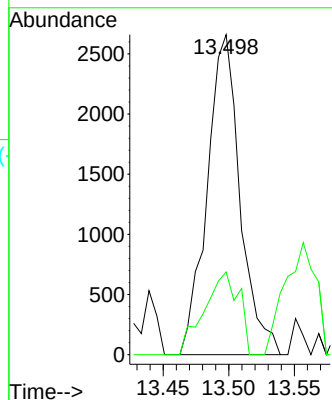
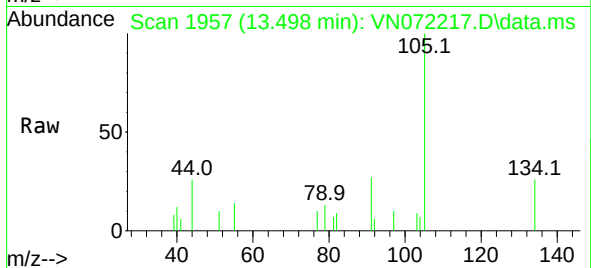
31652

Tgt Ion:105 Resp: 4650

Ion Ratio Lower Upper

105 100

134 27.2 10.4 31.1



#89

n-Butylbenzene

Concen: 0.457 ug/l

RT: 13.933 min Scan# 2031

Delta R.T. -0.006 min

Lab File: VN072217.D

Acq: 27 Apr 2022 15:41

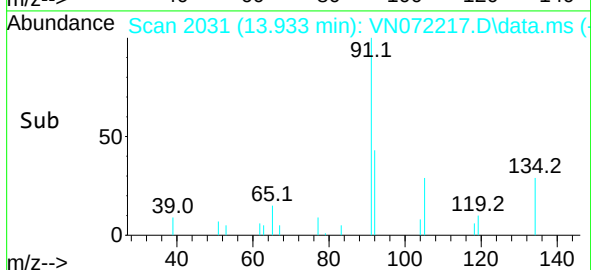
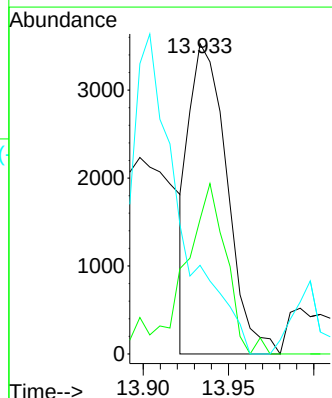
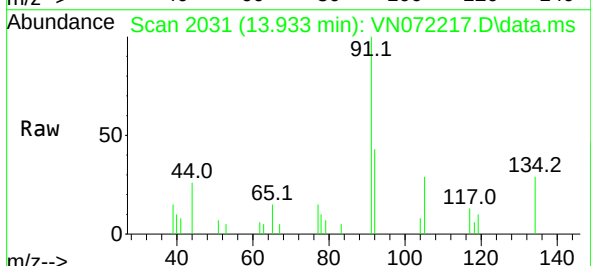
Tgt Ion: 91 Resp: 5430

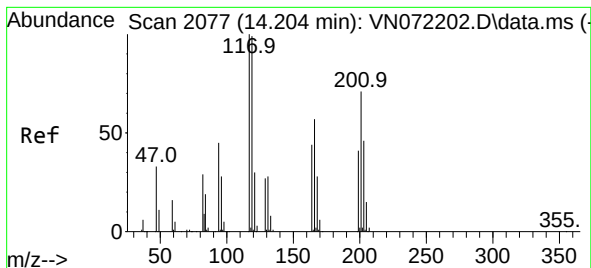
Ion Ratio Lower Upper

91 100

92 57.8 26.9 80.7

134 0.0 13.6 40.8#





#90

Hexachloroethane

Concen: 0.483 ug/l

RT: 14.216 min Scan# 2077

Delta R.T. 0.012 min

Lab File: VN072217.D

Acq: 27 Apr 2022 15:41

Instrument :

MSVOA_N

ClientSampleId :

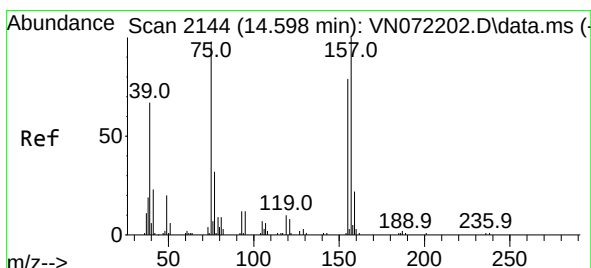
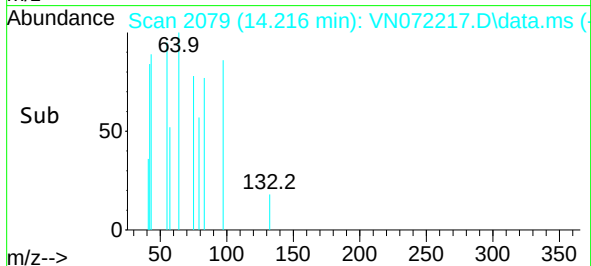
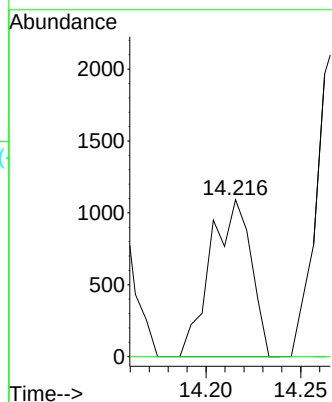
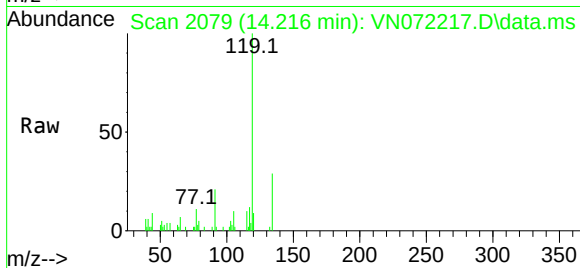
31652

Tgt Ion:117 Resp: 1626

Ion Ratio Lower Upper

117 100

201 0.0 40.6 122.0#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.220 ug/l

RT: 14.804 min Scan# 2179

Delta R.T. 0.206 min

Lab File: VN072217.D

Acq: 27 Apr 2022 15:41

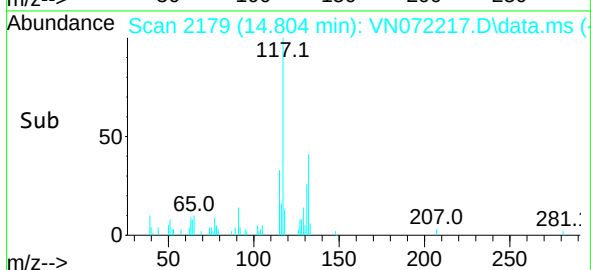
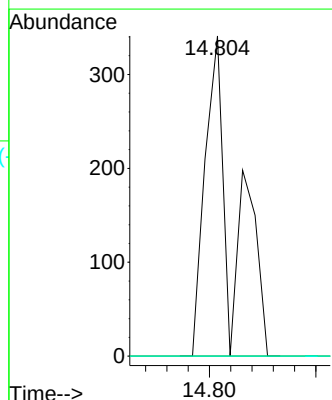
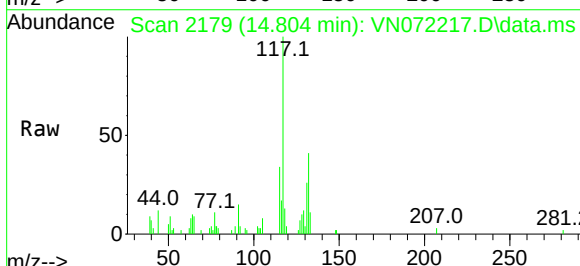
Tgt Ion: 75 Resp: 317

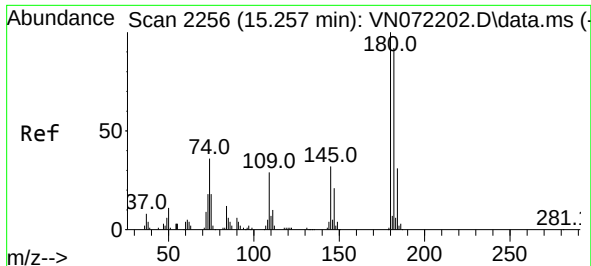
Ion Ratio Lower Upper

75 100

155 0.0 44.9 134.5#

157 0.0 59.0 176.8#

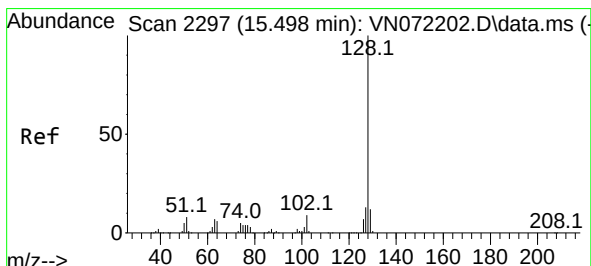
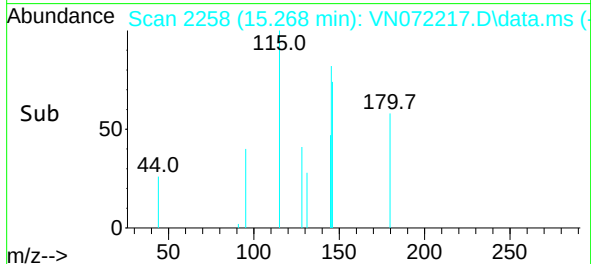
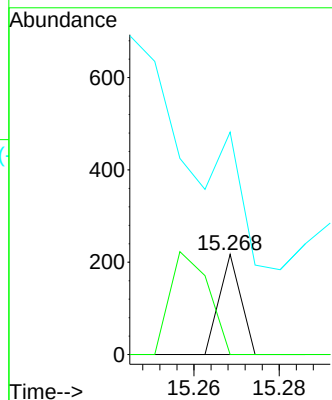
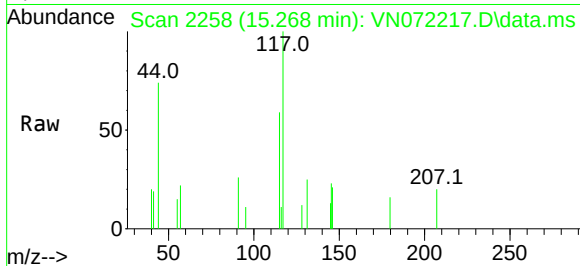




#93
1,2,4-Trichlorobenzene
Concen: 2.440 ug/l
RT: 15.268 min Scan# 21
Delta R.T. 0.011 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41

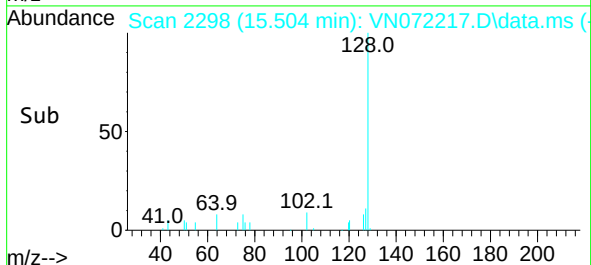
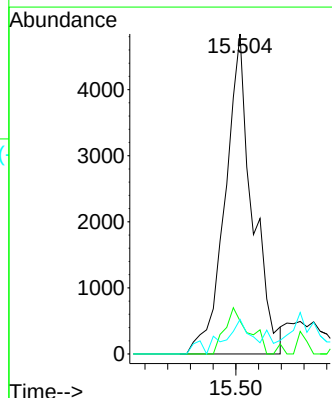
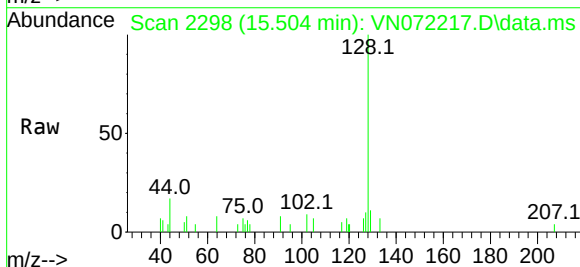
Instrument :
MSVOA_N
ClientSampleId :
31652

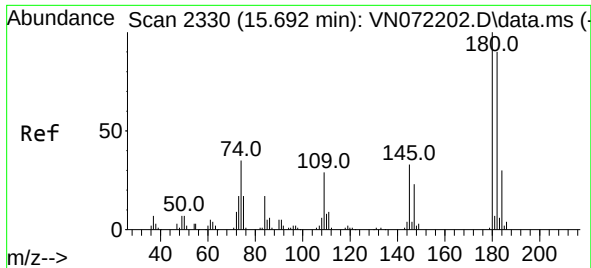
Tgt Ion:180 Resp: 77
Ion Ratio Lower Upper
180 100
182 180.5 47.5 142.5#
145 0.0 14.5 43.5#



#95
Naphthalene
Concen: 4.899 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN072217.D
Acq: 27 Apr 2022 15:41

Tgt Ion:128 Resp: 8031
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 10.0 8.6 13.0





#96

1,2,3-Trichlorobenzene

Concen: 2.705 ug/l

RT: 15.698 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN072217.D

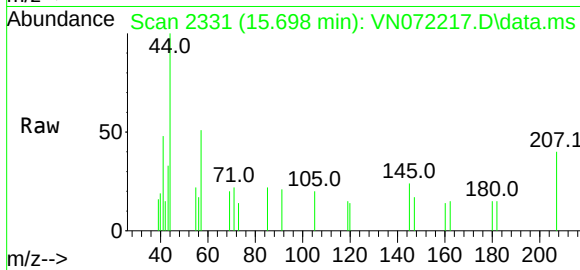
Acq: 27 Apr 2022 15:41

Instrument :

MSVOA_N

ClientSampleId :

31652



Tgt Ion:180 Resp: 122

Ion Ratio Lower Upper

180 100

182 53.3 47.8 143.3

145 0.0 15.5 46.5#

