

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011921\
 Data File : VX020672.D
 Acq On : 19 Jan 2021 20:22
 Operator : JC/SP
 Sample : M1125-08 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1665-1667

Quant Time: Jan 20 03:22:39 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 14:09:08 2021
 Response via : Initial Calibration

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

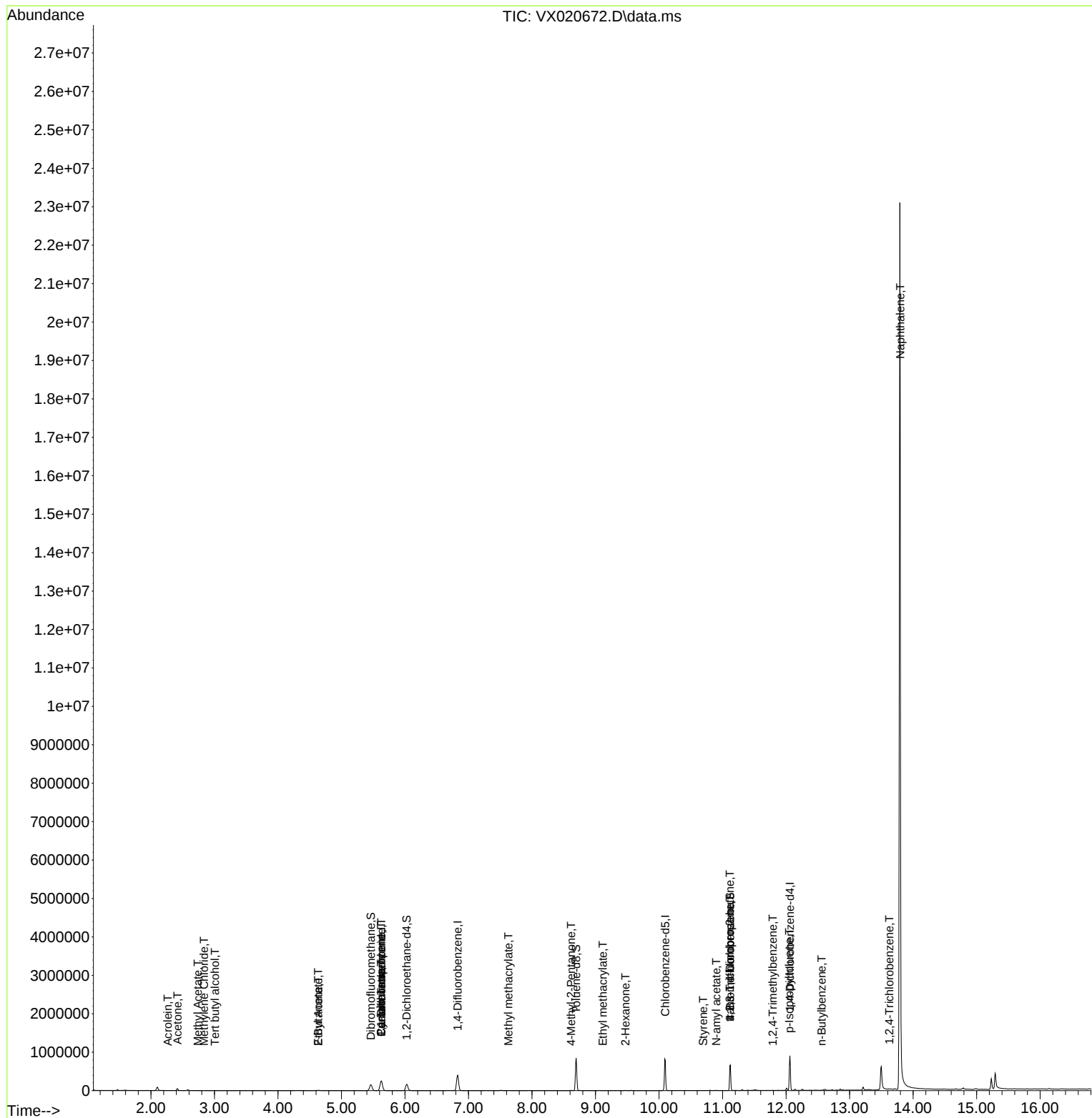
Internal Standards						
1) Pentafluorobenzene	5.629	168	236392	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	414092	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	383748	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	183873	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	160131	49.54	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.08%		
35) Dibromofluoromethane	5.464	113	135253	47.41	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.82%		
50) Toluene-d8	8.696	98	507872	49.37	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.74%		
62) 4-Bromofluorobenzene	11.122	95	190406	48.97	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.94%		
Target Compounds					Qvalue	
6) Chloroethane	1.715	64	337	Below Cal	#	43
11) Tert butyl alcohol	3.008	59	3058	5.34	ug/l #	75
13) Acrolein	2.264	56	72	30.49	ug/l #	1
16) Acetone	2.416	43	55478	44.20	ug/l	100
18) Methyl Acetate	2.739	43	576	0.20	ug/l #	63
20) Methylene Chloride	2.837	84	646	0.21	ug/l #	86
25) 2-Butanone	4.635	43	16911	9.22	ug/l	98
31) Cyclohexane	5.623	56	4581	1.08	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	18913	4.53	ug/l #	49
37) Ethyl Acetate	4.635	43	16911	4.40	ug/l #	65
38) Carbon Tetrachloride	5.629	117	24489	5.50	ug/l #	16
48) Methyl methacrylate	7.629	41	1159	0.39	ug/l #	35
51) 4-Methyl-2-Pentanone	8.616	43	4037	1.09	ug/l	96
56) Ethyl methacrylate	9.116	69	20	2.10	ug/l #	29
59) 2-Hexanone	9.470	43	3461	1.24	ug/l	95
70) Styrene	10.695	104	265	1.45	ug/l #	79
74) N-amyl acetate	10.902	43	989	2.12	ug/l #	1
76) 1,2,3-Trichloropropane	11.116	75	93050	21.09	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	93050	61.00	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.793	105	1358	0.51	ug/l	73
86) p-Isopropyltoluene	12.049	119	1025	0.96	ug/l #	32
89) n-Butylbenzene	12.561	91	406	1.47	ug/l	68
93) 1,2,4-Trichlorobenzene	13.628	180	110	2.26	ug/l #	22
95) Naphthalene	13.798	128	3563	2.20	ug/l #	1

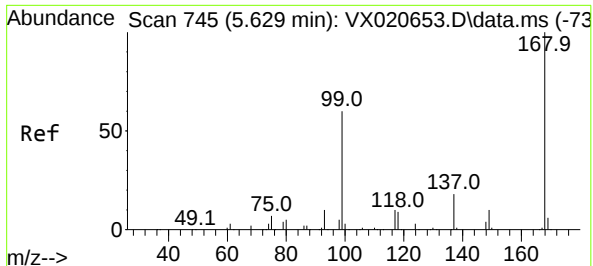
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX020672.D
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
1665-1667

Quant Time: Jan 20 03:22:39 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011921W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 19 14:09:08 2021
Response via : Initial Calibration

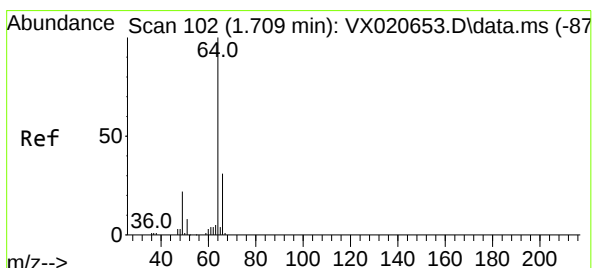
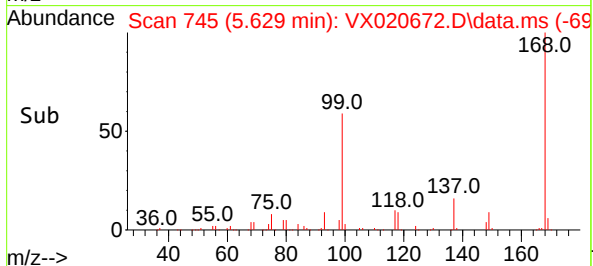
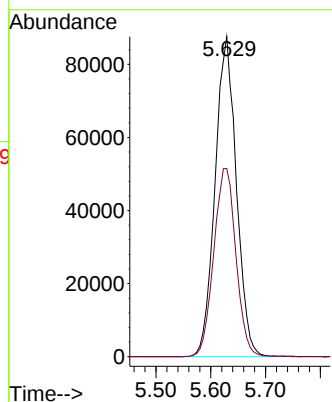
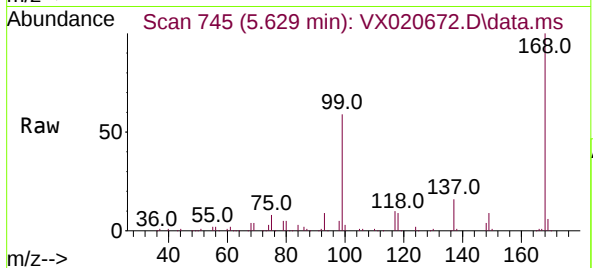




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX020672.D
Acq: 19 Jan 2021 20:22

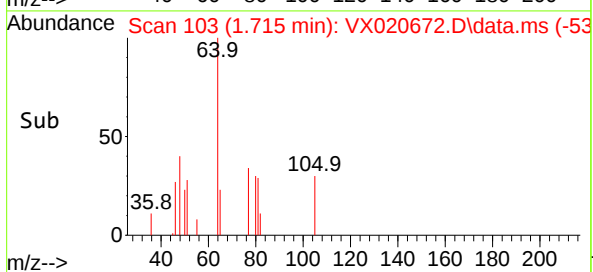
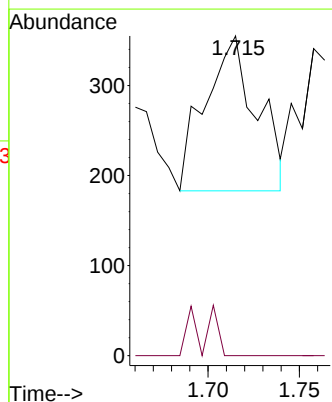
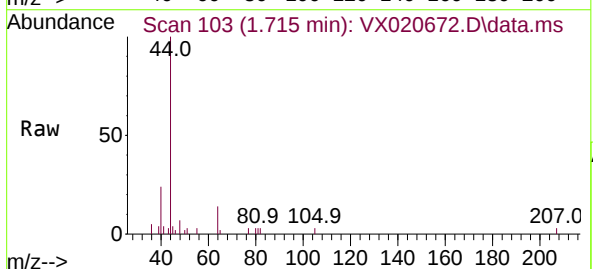
Instrument :
MSVOA_X
ClientSampleId :
1665-1667

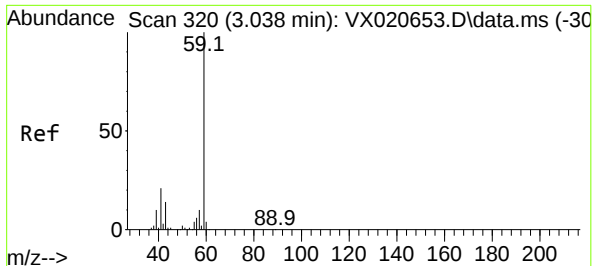
Tgt Ion:168 Resp: 236392
Ion Ratio Lower Upper
168 100
99 58.8 45.8 68.6



#6
Chloroethane
Concen: Below Cal
RT: 1.715 min Scan# 103
Delta R.T. 0.006 min
Lab File: VX020672.D
Acq: 19 Jan 2021 20:22

Tgt Ion: 64 Resp: 337
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



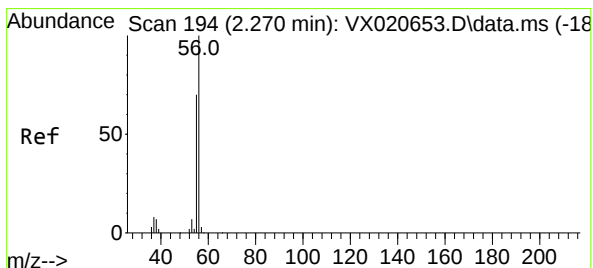
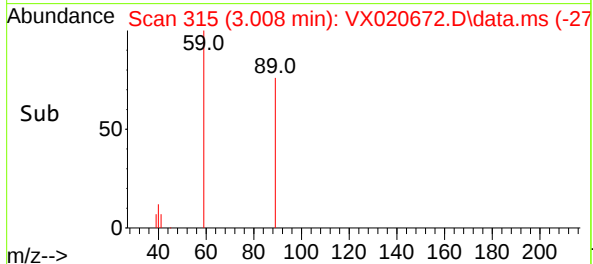
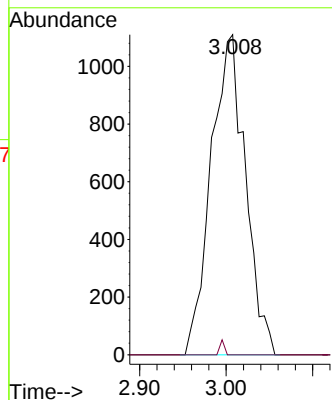
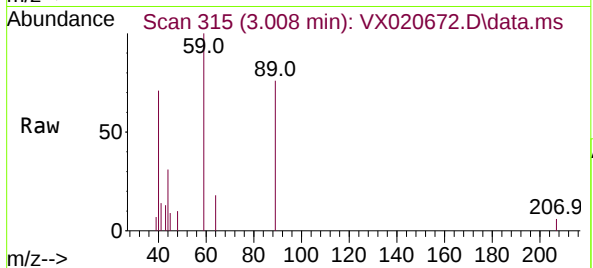


#11

Tert butyl alcohol
Concen: 5.34 ug/l
RT: 3.008 min Scan# 315
Delta R.T. -0.030 min
Lab File: VX020672.D
Acq: 19 Jan 2021 20:22

Instrument :
MSVOA_X
ClientSampleId :
1665-1667

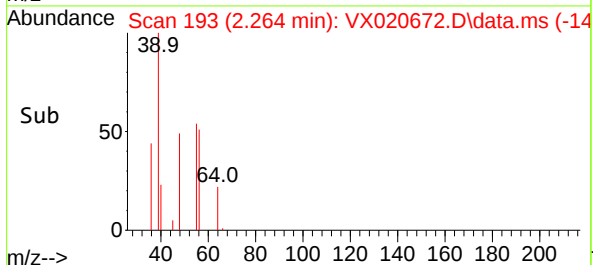
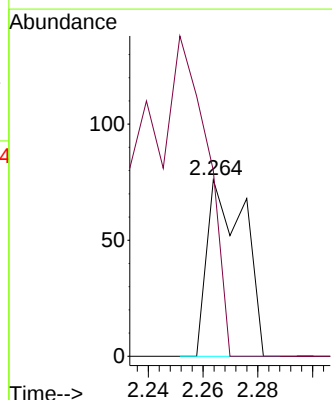
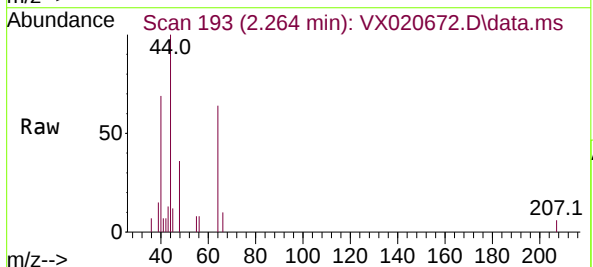
Tgt Ion: 59 Resp: 3058
Ion Ratio Lower Upper
59 100
57 0.6 7.8 11.8#

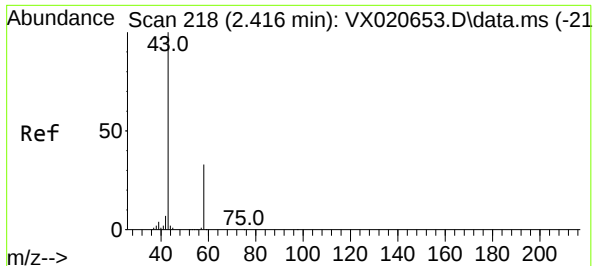


#13

Acrolein
Concen: 30.49 ug/l
RT: 2.264 min Scan# 193
Delta R.T. -0.006 min
Lab File: VX020672.D
Acq: 19 Jan 2021 20:22

Tgt Ion: 56 Resp: 72
Ion Ratio Lower Upper
56 100
55 369.4 56.4 84.6#

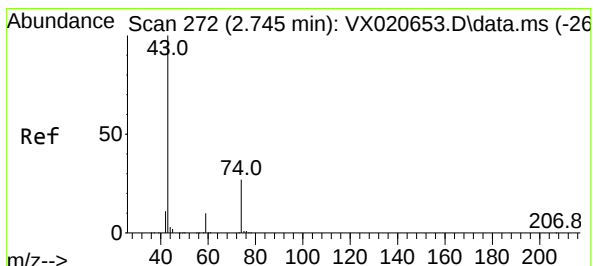
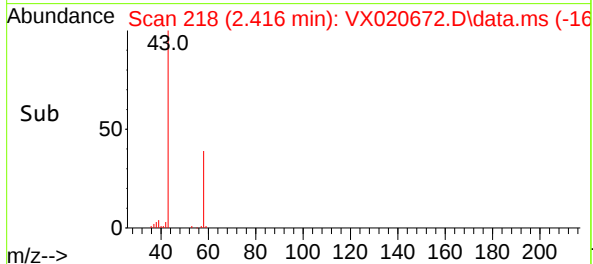
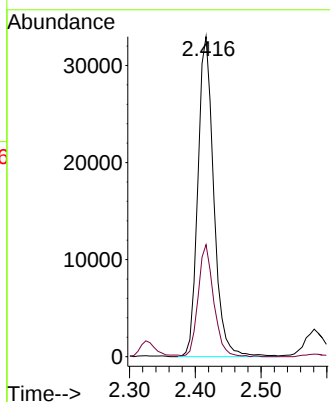
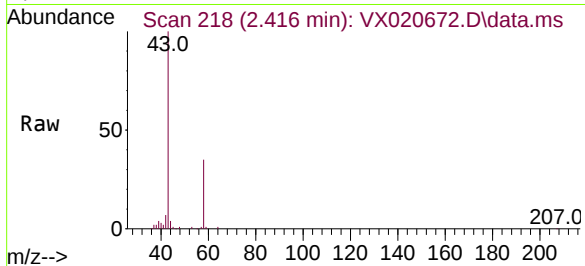




#16
Acetone
Concen: 44.20 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.000 min
Lab File: VX020672.D
Acq: 19 Jan 2021 20:22

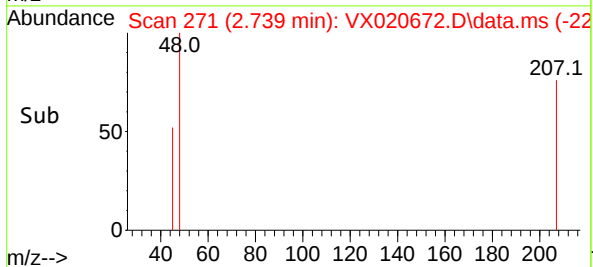
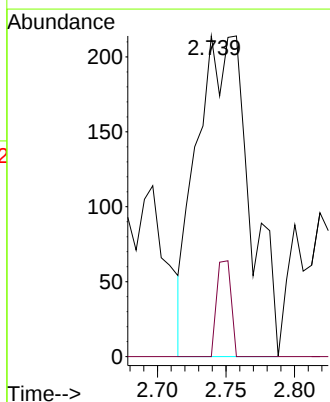
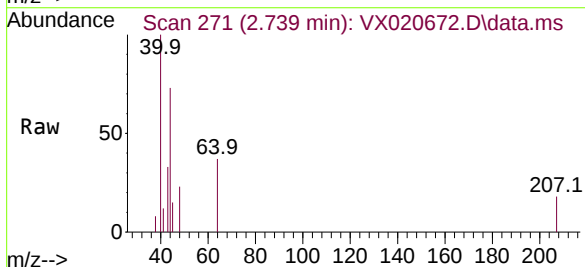
Instrument :
MSVOA_X
ClientSampleId :
1665-1667

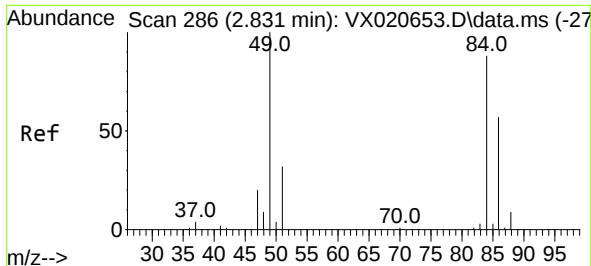
Tgt Ion: 43 Resp: 55478
Ion Ratio Lower Upper
43 100
58 35.0 27.8 41.8



#18
Methyl Acetate
Concen: 0.20 ug/l
RT: 2.739 min Scan# 271
Delta R.T. -0.006 min
Lab File: VX020672.D
Acq: 19 Jan 2021 20:22

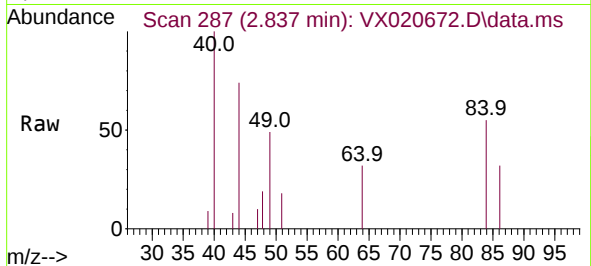
Tgt Ion: 43 Resp: 576
Ion Ratio Lower Upper
43 100
74 8.0 21.9 32.9#



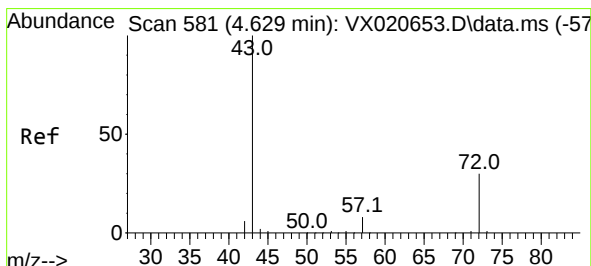
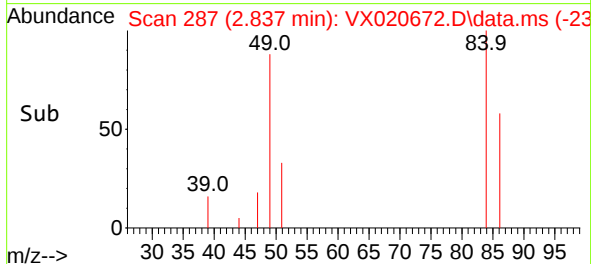
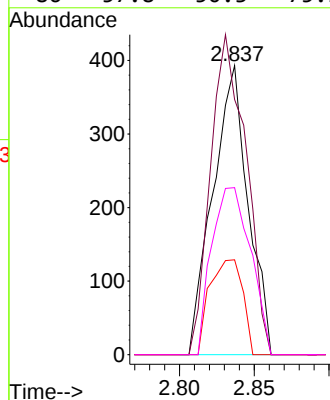


#20
Methylene Chloride
Concen: 0.21 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020672.D
Acq: 19 Jan 2021 20:22

Instrument :
MSVOA_X
ClientSampled :
1665-1667

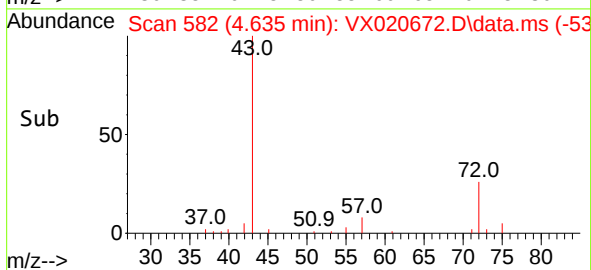
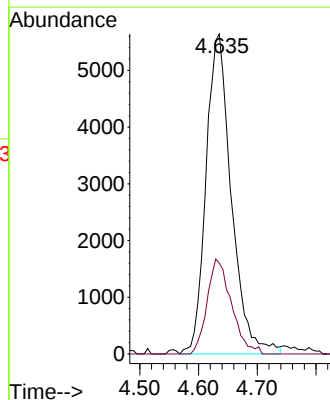
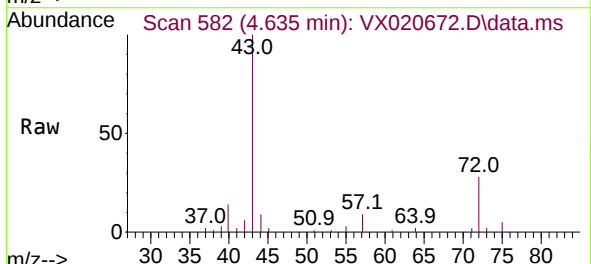


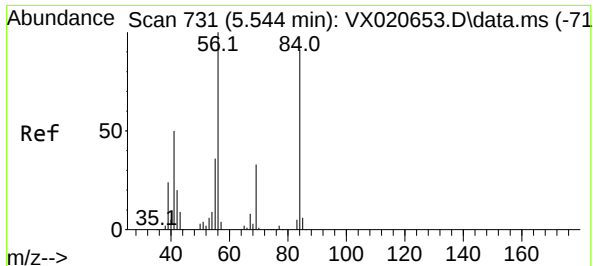
Tgt Ion: 84 Resp: 646
Ion Ratio Lower Upper
84 100
49 88.3 88.6 132.8#
51 32.8 27.0 40.6
86 57.8 50.3 75.5



#25
2-Butanone
Concen: 9.22 ug/l
RT: 4.635 min Scan# 582
Delta R.T. 0.006 min
Lab File: VX020672.D
Acq: 19 Jan 2021 20:22

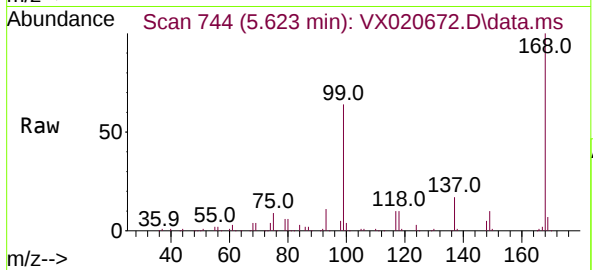
Tgt Ion: 43 Resp: 16911
Ion Ratio Lower Upper
43 100
72 28.4 23.7 35.5



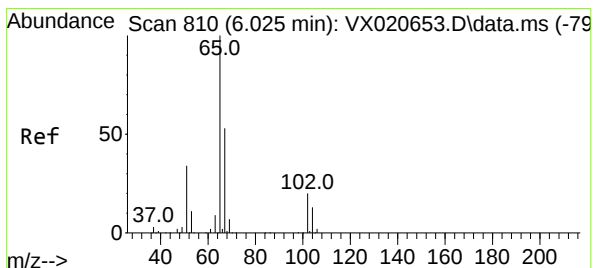
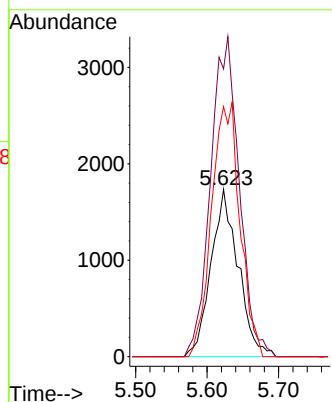
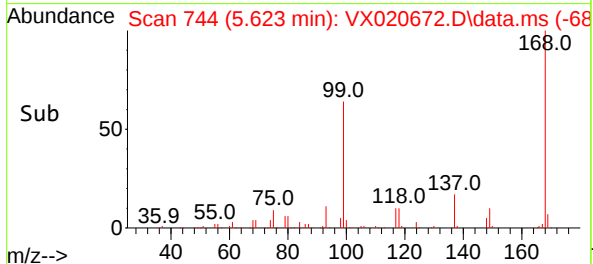


#31
Cyclohexane
Concen: 1.08 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.079 min
Lab File: VX020672.D
Acq: 19 Jan 2021 20:22

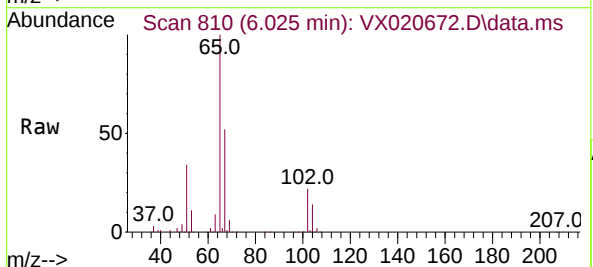
Instrument :
MSVOA_X
ClientSampleId :
1665-1667



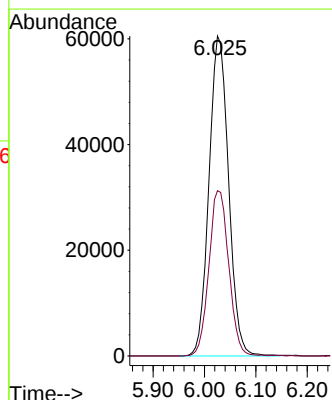
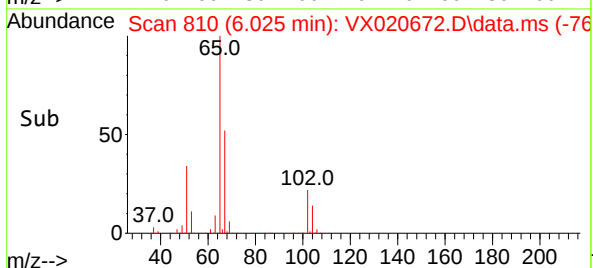
Tgt Ion: 56 Resp: 4581
Ion Ratio Lower Upper
56 100
69 171.9 25.3 37.9#
84 149.5 71.4 107.0#

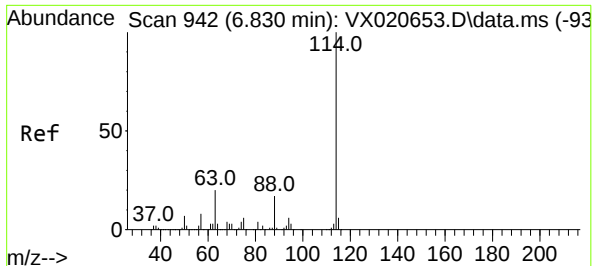


#33
1,2-Dichloroethane-d4
Concen: 49.54 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020672.D
Acq: 19 Jan 2021 20:22



Tgt Ion: 65 Resp: 160131
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.4

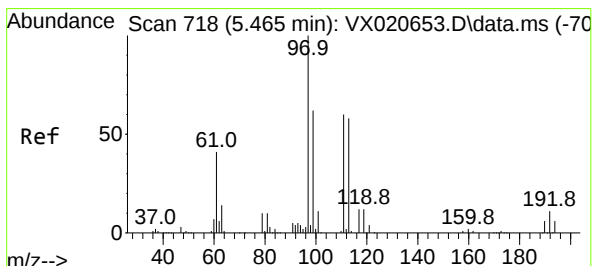
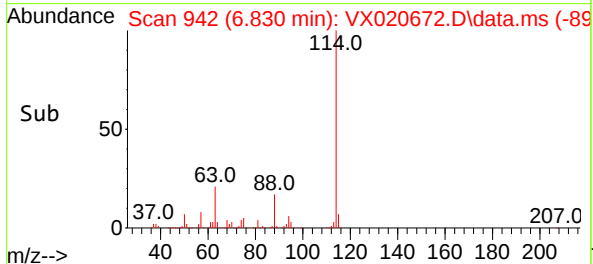
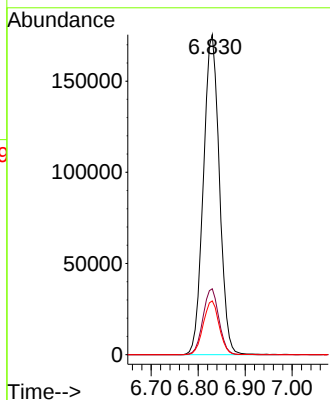
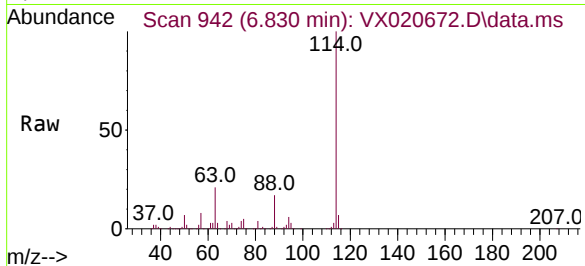




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. 0.000 min
Lab File: VX020672.D
Acq: 19 Jan 2021 20:22

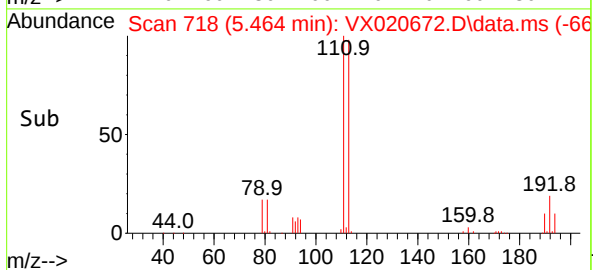
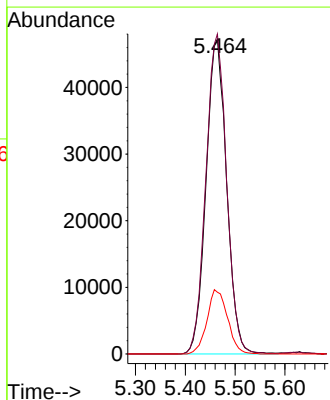
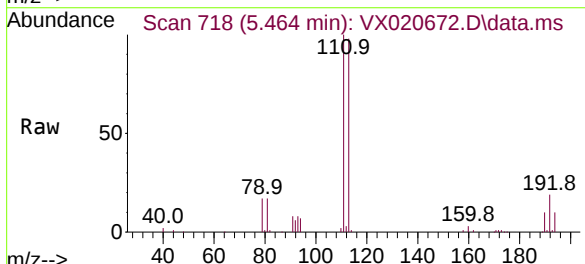
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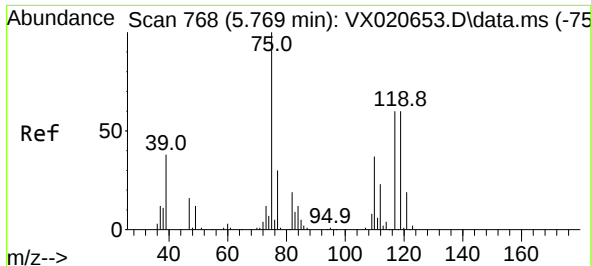
Tgt Ion:114 Resp: 414092
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 16.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 47.41 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.001 min
Lab File: VX020672.D
Acq: 19 Jan 2021 20:22

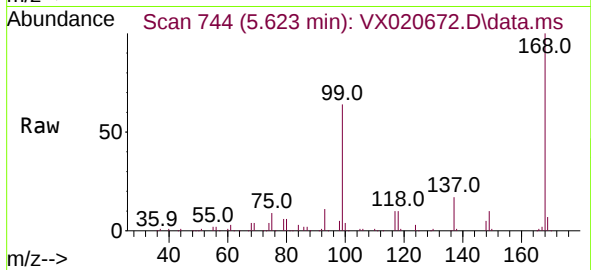
Tgt Ion:113 Resp: 135253
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 20.4 16.7 25.1



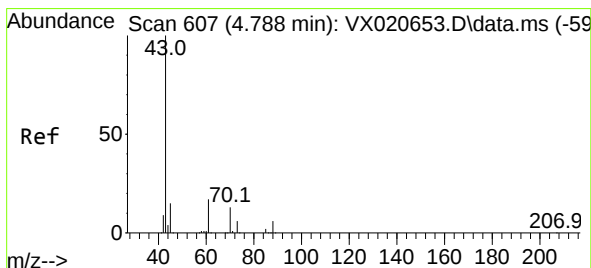
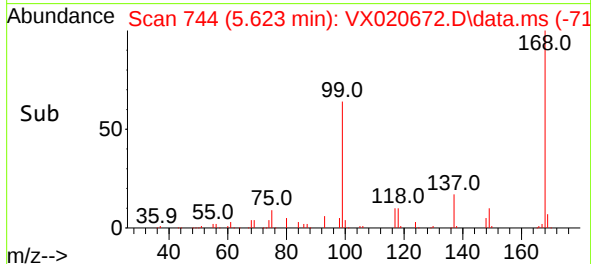
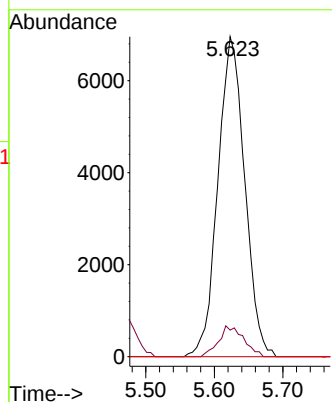


#36
1,1-Dichloropropene
Concen: 4.53 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX020672.D
Acq: 19 Jan 2021 20:22

Instrument :
MSVOA_X
ClientSampleId :
1665-1667

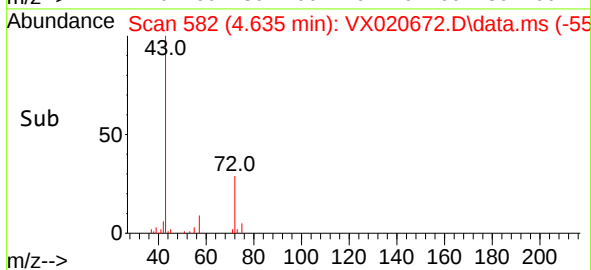
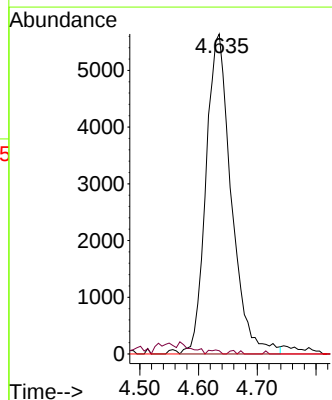
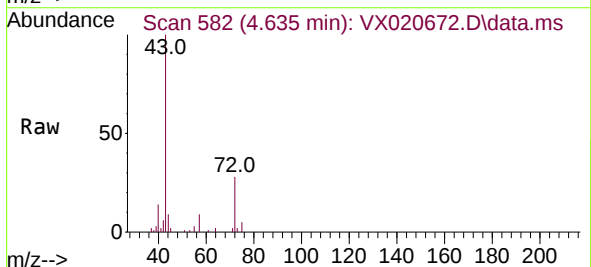


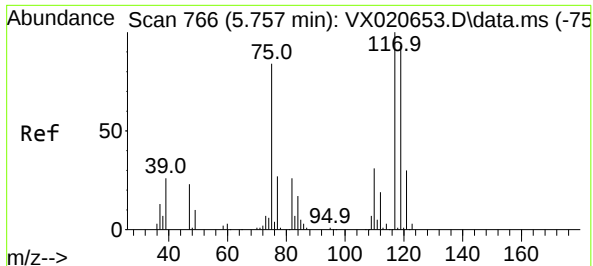
Tgt Ion: 75 Resp: 18913
Ion Ratio Lower Upper
75 100
110 8.9 18.1 54.4#
77 0.0 25.3 37.9#



#37
Ethyl Acetate
Concen: 4.40 ug/l
RT: 4.635 min Scan# 582
Delta R.T. -0.153 min
Lab File: VX020672.D
Acq: 19 Jan 2021 20:22

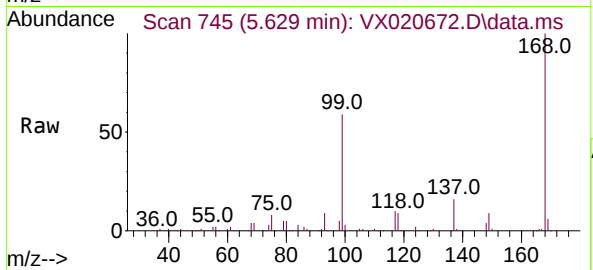
Tgt Ion: 43 Resp: 16911
Ion Ratio Lower Upper
43 100
61 0.5 12.8 19.2#
70 0.0 10.5 15.7#



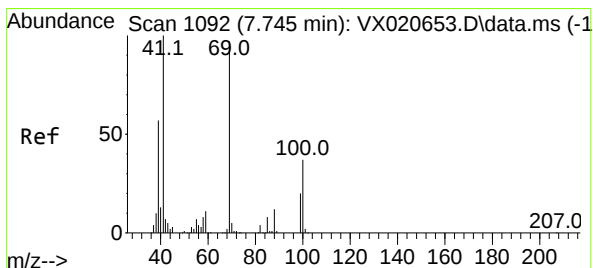
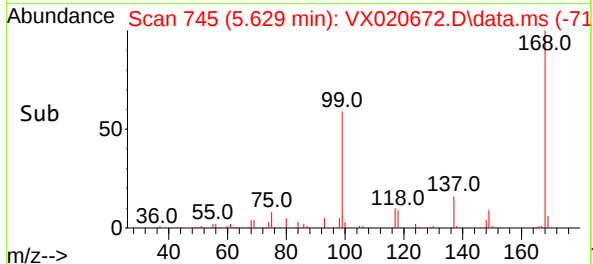
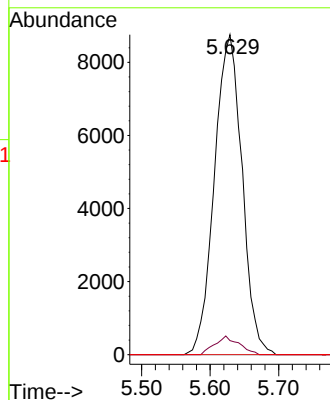


#38
Carbon Tetrachloride
Concen: 5.50 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.128 min
Lab File: VX020672.D
Acq: 19 Jan 2021 20:22

Instrument :
MSVOA_X
ClientSampleId :
1665-1667

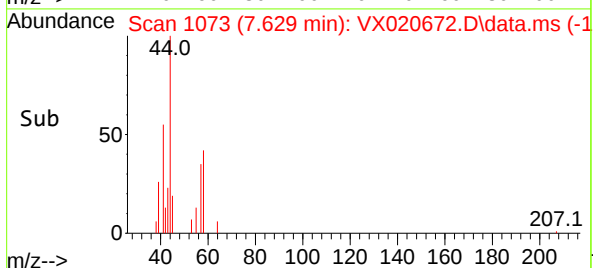
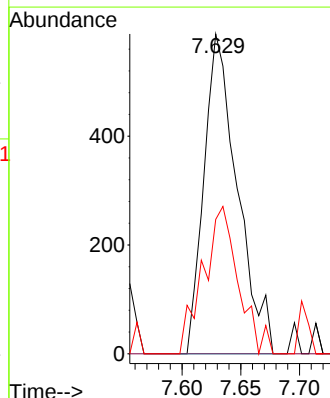
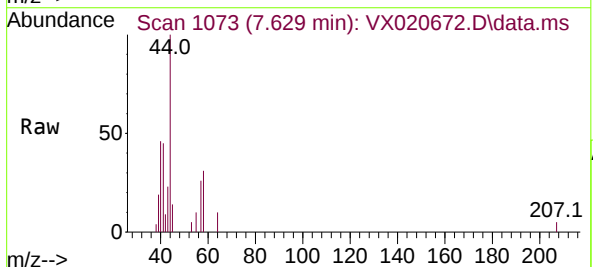


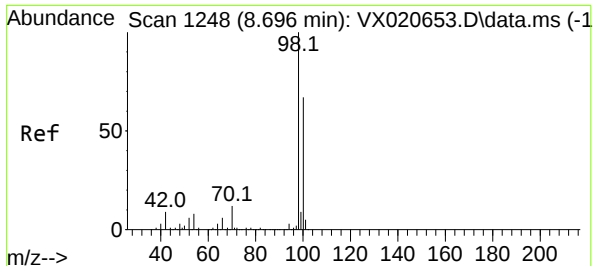
Tgt Ion:117 Resp: 24489
Ion Ratio Lower Upper
117 100
119 4.4 76.2 114.2#
121 0.0 24.8 37.2#



#48
Methyl methacrylate
Concen: 0.39 ug/l
RT: 7.629 min Scan# 1073
Delta R.T. -0.116 min
Lab File: VX020672.D
Acq: 19 Jan 2021 20:22

Tgt Ion: 41 Resp: 1159
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 48.7 44.6 67.0

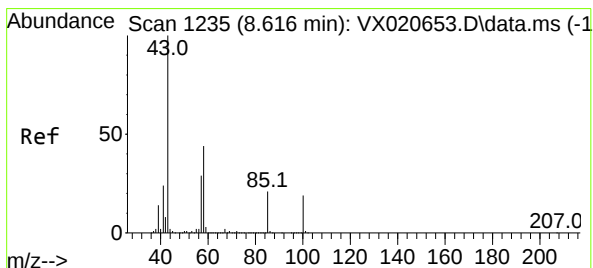
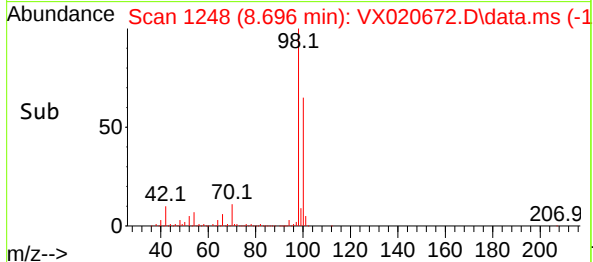
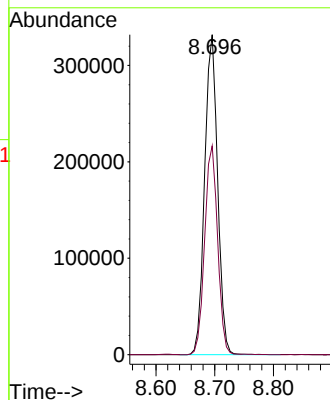
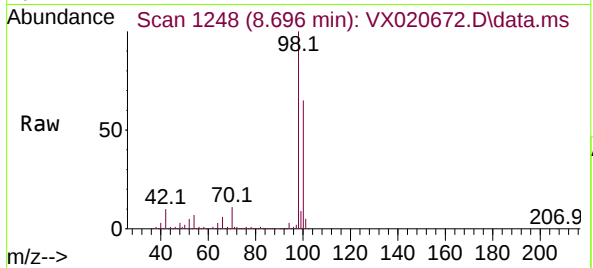




#50
Toluene-d8
Concen: 49.37 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020672.D
Acq: 19 Jan 2021 20:22

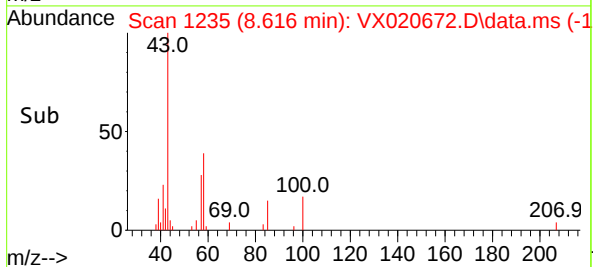
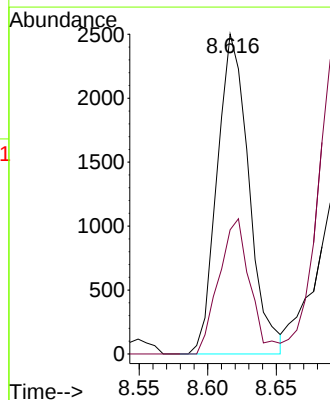
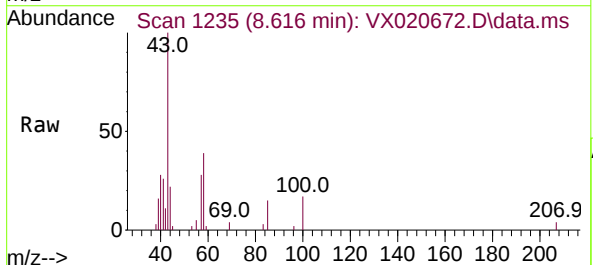
Instrument :
MSVOA_X
ClientSampleId :
1665-1667

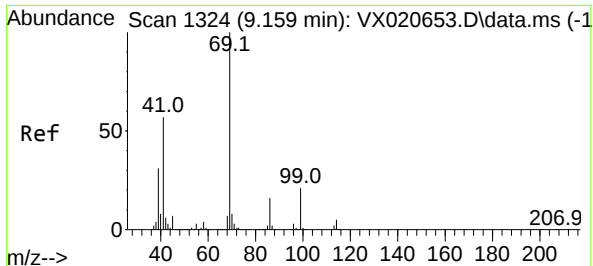
Tgt Ion: 98 Resp: 507872
Ion Ratio Lower Upper
98 100
100 65.4 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 1.09 ug/l
RT: 8.616 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VX020672.D
Acq: 19 Jan 2021 20:22

Tgt Ion: 43 Resp: 4037
Ion Ratio Lower Upper
43 100
58 41.8 35.4 53.0

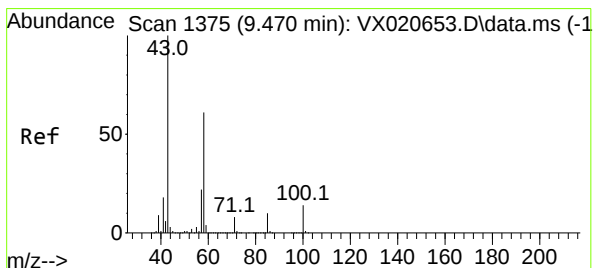
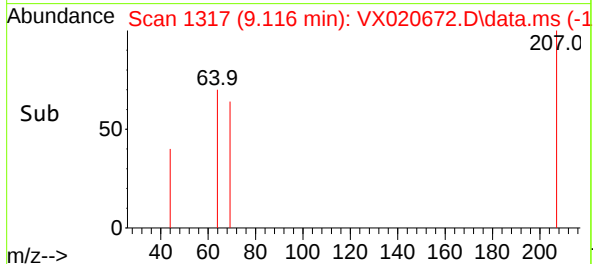
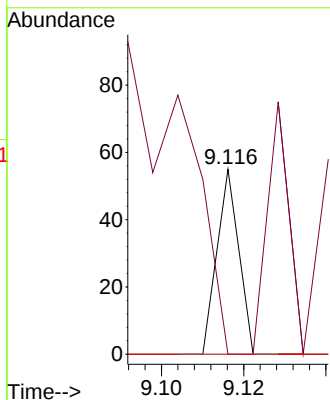
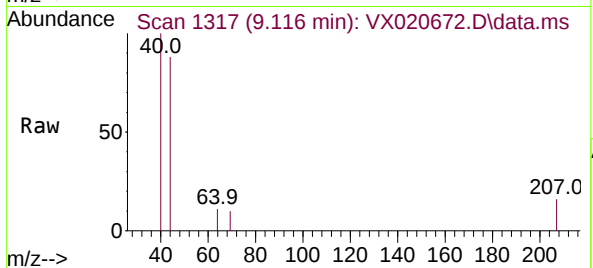




#56
Ethyl methacrylate
Concen: 2.10 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. -0.043 min
Lab File: VX020672.D
Acq: 19 Jan 2021 20:22

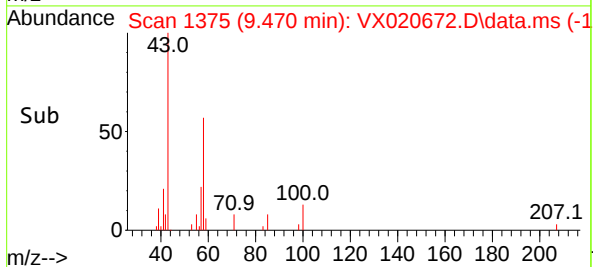
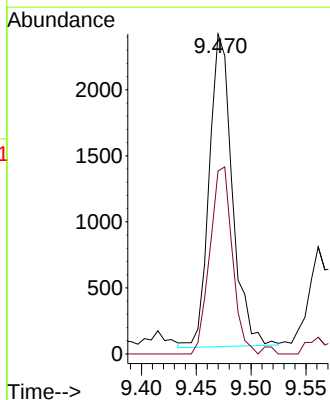
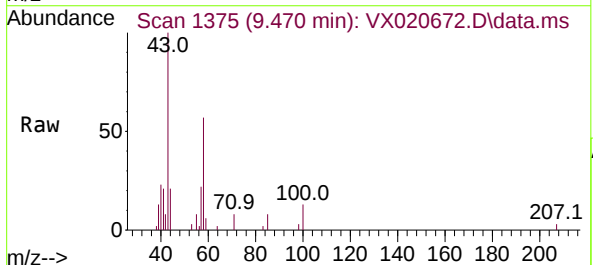
Instrument :
MSVOA_X
ClientSampleId :
1665-1667

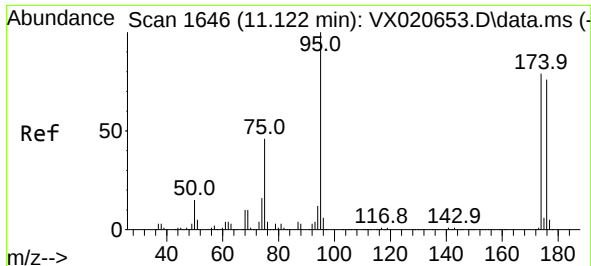
Tgt Ion: 69 Resp: 20
Ion Ratio Lower Upper
69 100
41 0.0 46.8 70.2#
39 0.0 24.7 37.1#



#59
2-Hexanone
Concen: 1.24 ug/l
RT: 9.470 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VX020672.D
Acq: 19 Jan 2021 20:22

Tgt Ion: 43 Resp: 3461
Ion Ratio Lower Upper
43 100
58 58.2 30.9 92.8

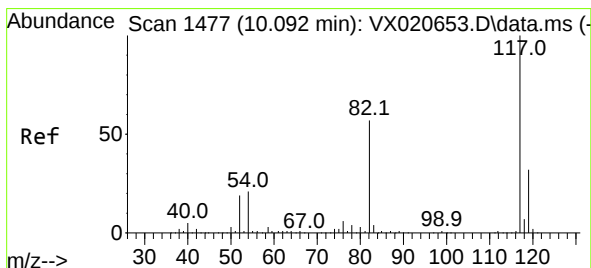
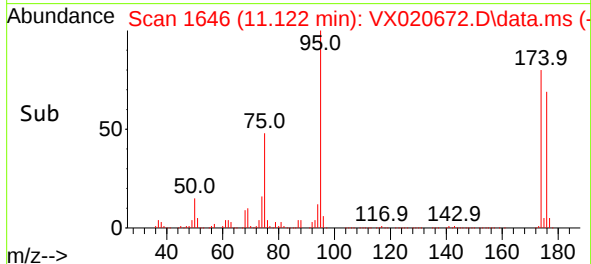
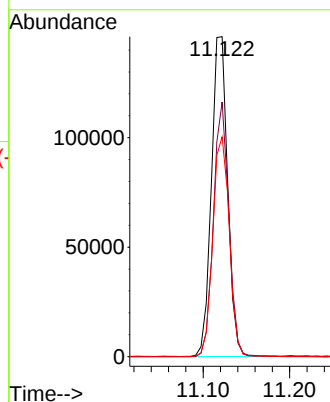
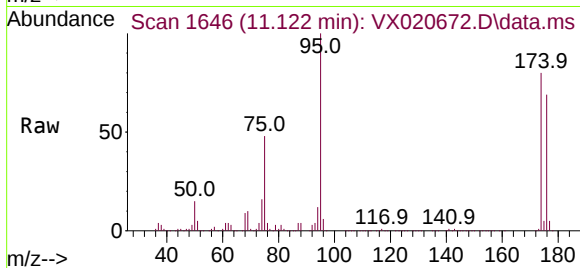




#62
4-Bromofluorobenzene
Concen: 48.97 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020672.D
Acq: 19 Jan 2021 20:22

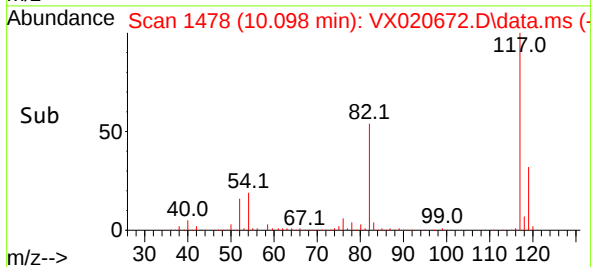
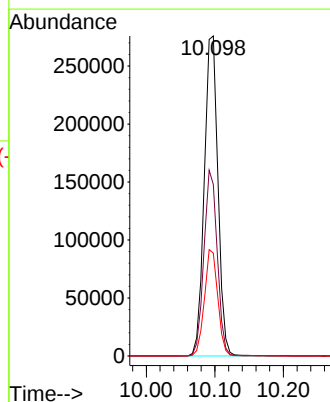
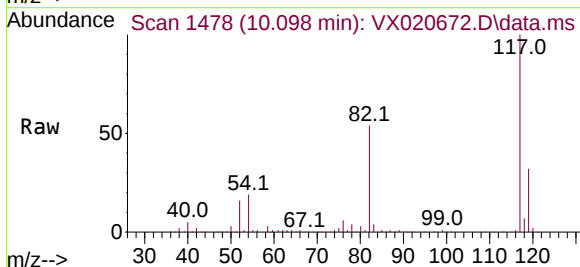
Instrument :
MSVOA_X
ClientSampleId :
1665-1667

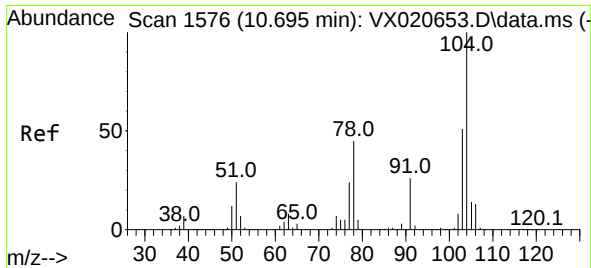
Tgt Ion: 95 Resp: 190406
Ion Ratio Lower Upper
95 100
174 75.1 0.0 154.6
176 69.6 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020672.D
Acq: 19 Jan 2021 20:22

Tgt Ion: 117 Resp: 383748
Ion Ratio Lower Upper
117 100
82 53.6 47.4 71.2
119 32.2 26.6 39.8

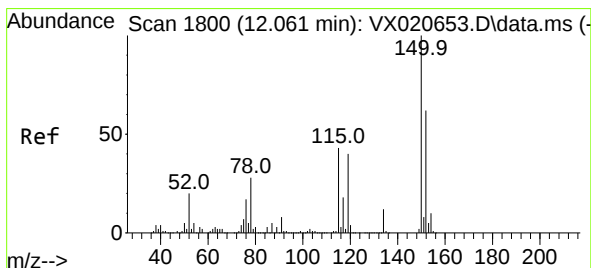
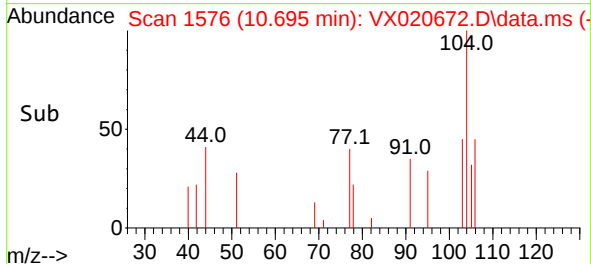
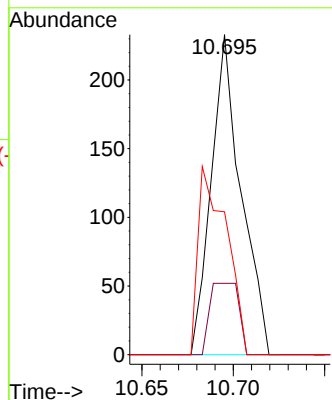
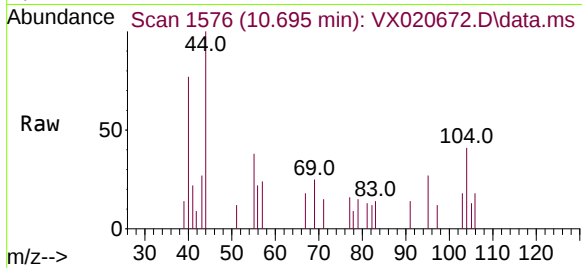




#70
Styrene
Concen: 1.45 ug/l
RT: 10.695 min Scan# 1576
Delta R.T. 0.000 min
Lab File: VX020672.D
Acq: 19 Jan 2021 20:22

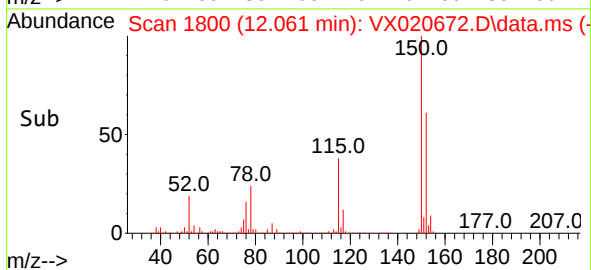
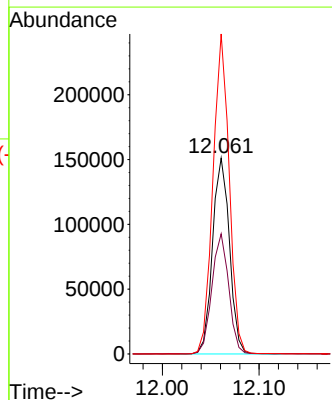
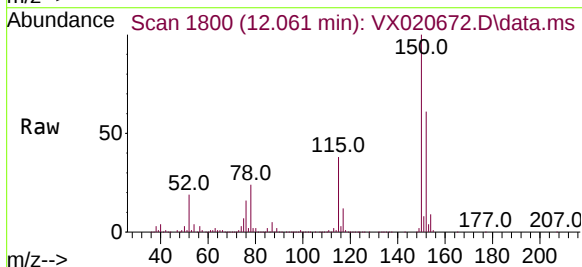
Instrument :
MSVOA_X
ClientSampled :
1665-1667

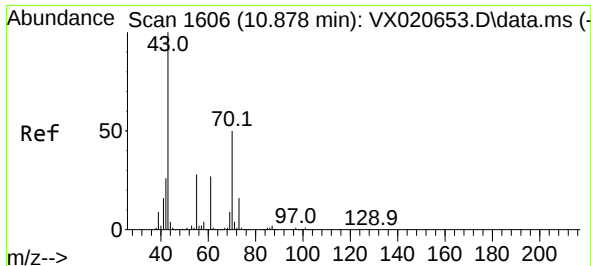
Tgt Ion:104 Resp: 265
Ion Ratio Lower Upper
104 100
78 21.5 40.0 60.0#
103 55.8 43.4 65.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020672.D
Acq: 19 Jan 2021 20:22

Tgt Ion:152 Resp: 183873
Ion Ratio Lower Upper
152 100
115 60.6 41.1 123.3
150 157.0 0.0 349.0

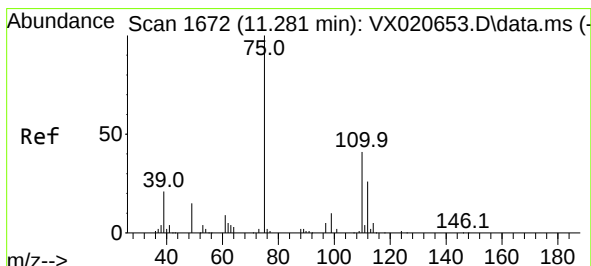
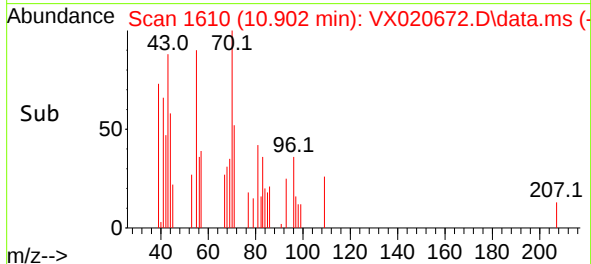
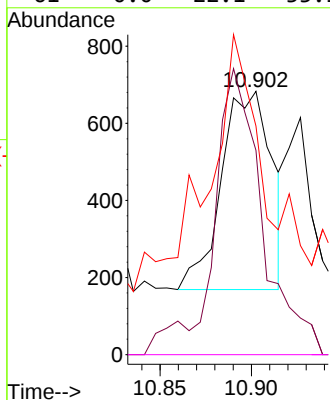
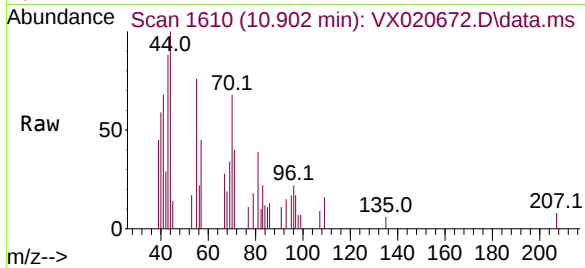




#74
N-amy1 acetate
Concen: 2.12 ug/l
RT: 10.902 min Scan# 1610
Delta R.T. 0.024 min
Lab File: VX020672.D
Acq: 19 Jan 2021 20:22

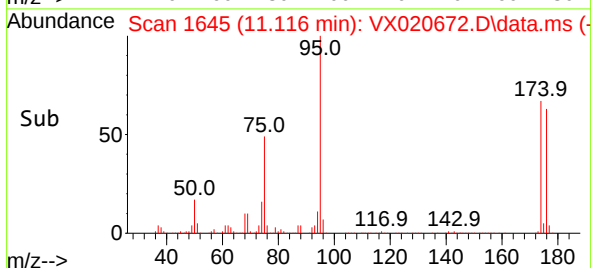
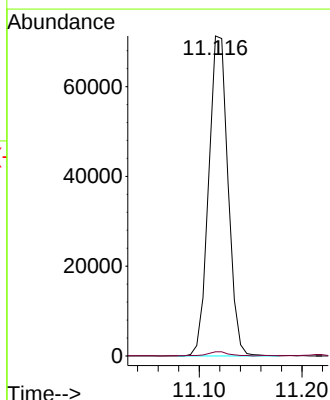
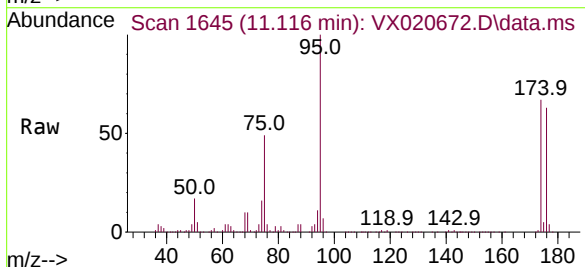
Instrument :
MSVOA_X
ClientSampled :
1665-1667

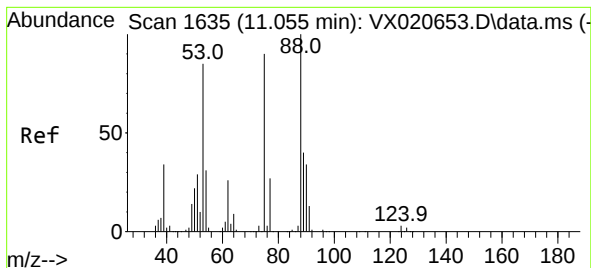
Tgt Ion:	43	Resp:	989
Ion	Ratio	Lower	Upper
43	100		
70	139.2	39.0	58.6#
55	146.1	21.5	32.3#
61	0.0	22.1	33.1#



#76
1,2,3-Trichloropropane
Concen: 21.09 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.165 min
Lab File: VX020672.D
Acq: 19 Jan 2021 20:22

Tgt Ion:	75	Resp:	93050
Ion	Ratio	Lower	Upper
75	100		
77	1.6	19.1	57.5#

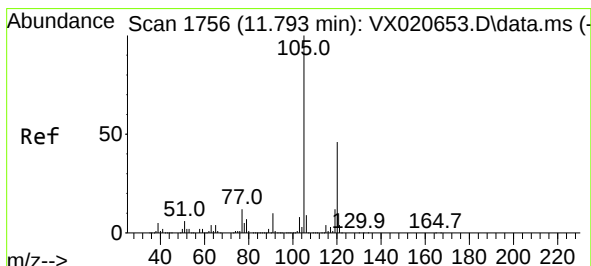
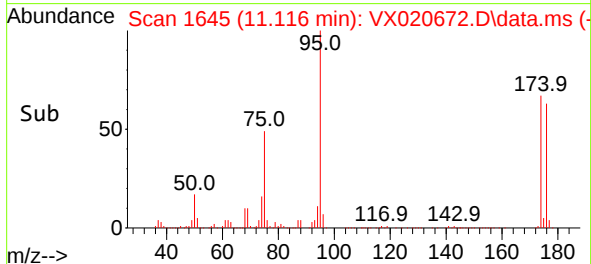
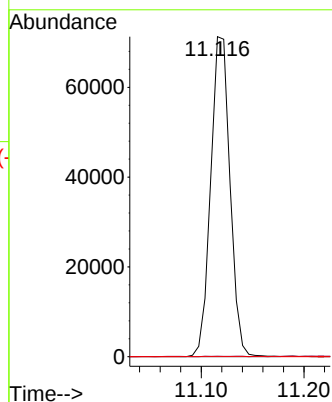
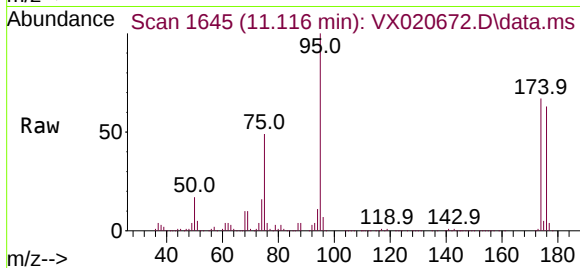




#81
trans-1,4-Dichloro-2-butene
Concen: 61.00 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020672.D
Acq: 19 Jan 2021 20:22

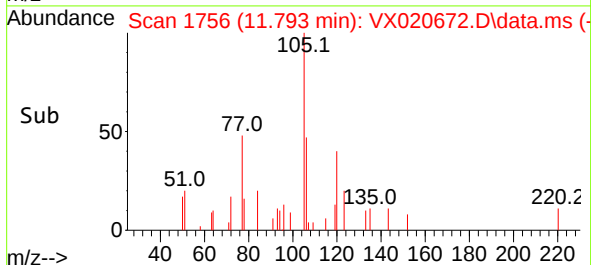
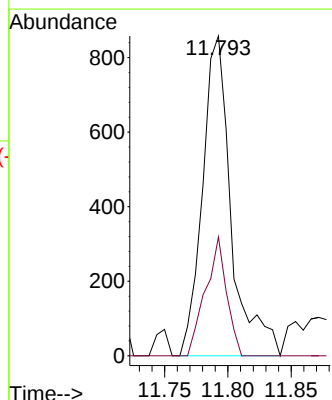
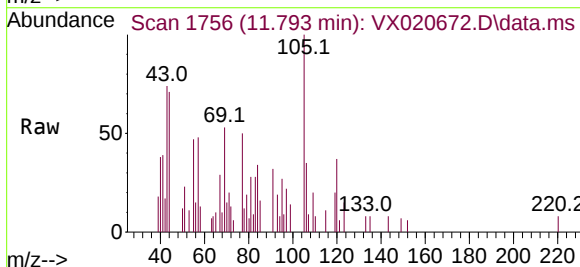
Instrument :
MSVOA_X
ClientSampleId :
1665-1667

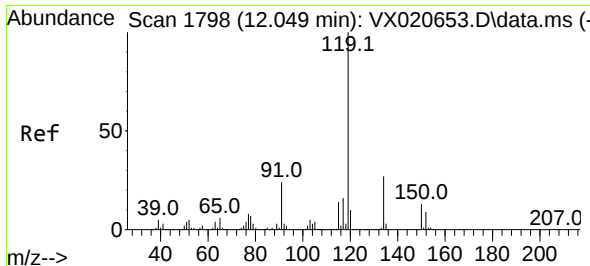
Tgt Ion: 75 Resp: 93050
Ion Ratio Lower Upper
75 100
53 0.2 74.5 111.7#
89 0.0 37.9 56.9#



#84
1,2,4-Trimethylbenzene
Concen: 0.51 ug/l
RT: 11.793 min Scan# 1756
Delta R.T. -0.000 min
Lab File: VX020672.D
Acq: 19 Jan 2021 20:22

Tgt Ion: 105 Resp: 1358
Ion Ratio Lower Upper
105 100
120 27.2 22.4 67.3

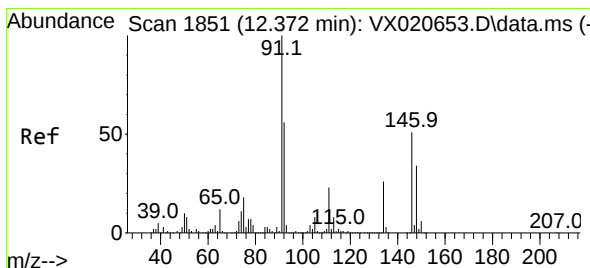
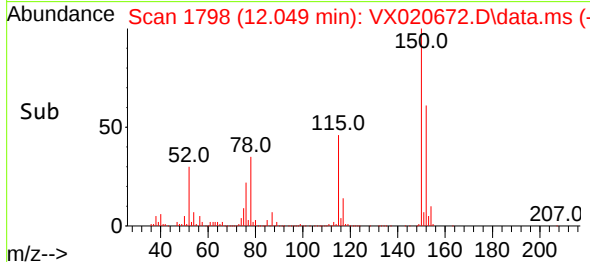
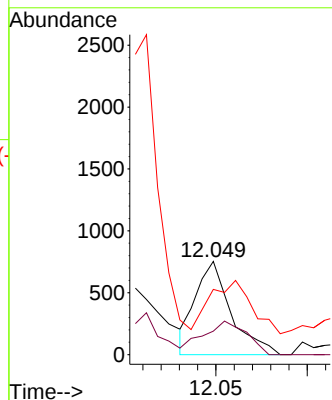
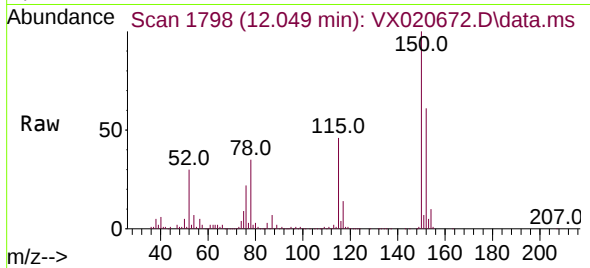




#86
p-Isopropyltoluene
Concen: 0.96 ug/l
RT: 12.049 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VX020672.D
Acq: 19 Jan 2021 20:22

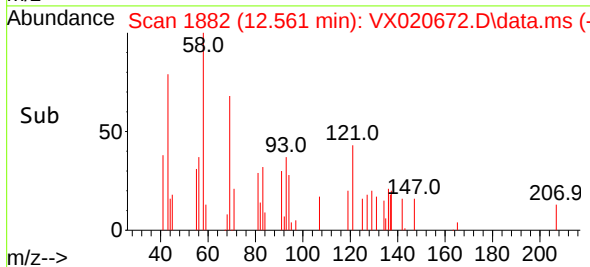
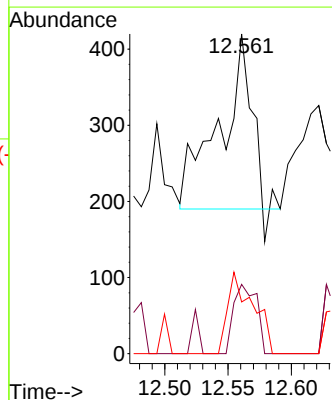
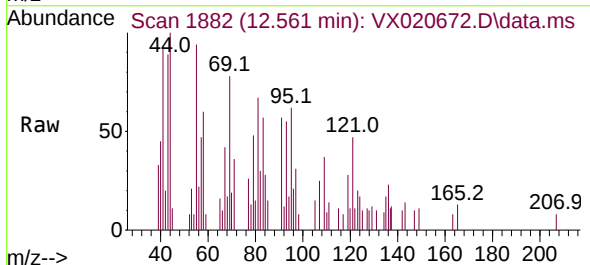
Instrument :
MSVOA_X
ClientSampleId :
1665-1667

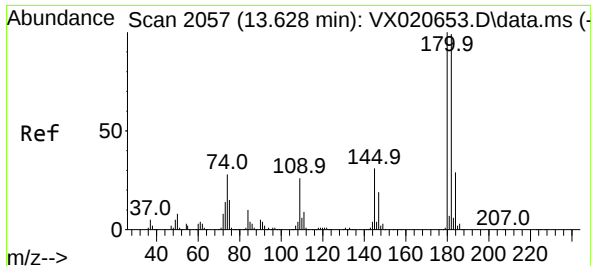
Tgt Ion:119 Resp: 1025
Ion Ratio Lower Upper
119 100
134 43.9 12.9 38.7#
91 74.2 11.7 35.0#



#89
n-Butylbenzene
Concen: 1.47 ug/l
RT: 12.561 min Scan# 1882
Delta R.T. 0.189 min
Lab File: VX020672.D
Acq: 19 Jan 2021 20:22

Tgt Ion: 91 Resp: 406
Ion Ratio Lower Upper
91 100
92 28.1 27.4 82.0
134 36.9 13.2 39.5

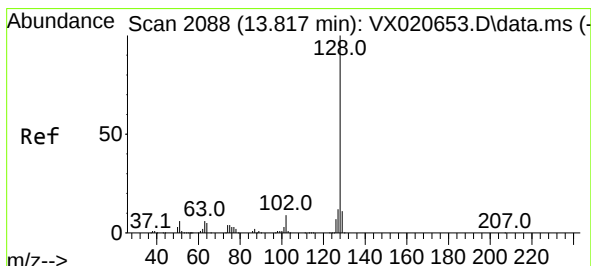
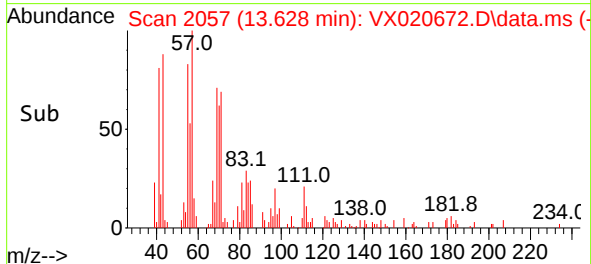
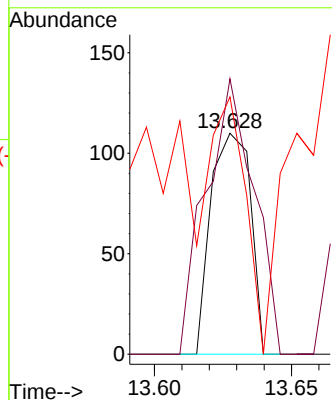
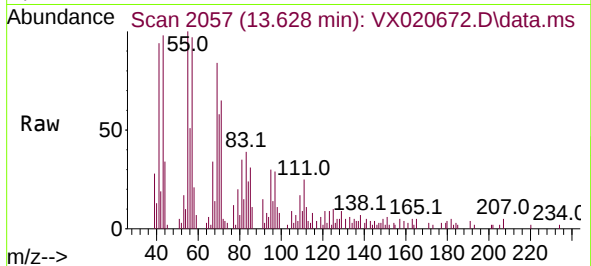




#93
1,2,4-Trichlorobenzene
Concen: 2.26 ug/l
RT: 13.628 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VX020672.D
Acq: 19 Jan 2021 20:22

Instrument :
MSVOA_X
ClientSampled :
1665-1667

Tgt Ion:180 Resp: 110
Ion Ratio Lower Upper
180 100
182 152.7 47.7 143.1#
145 105.5 15.0 45.0#



#95
Naphthalene
Concen: 2.20 ug/l
RT: 13.798 min Scan# 2085
Delta R.T. -0.019 min
Lab File: VX020672.D
Acq: 19 Jan 2021 20:22

Tgt Ion:128 Resp: 3563
Ion Ratio Lower Upper
128 100
127 768.4 10.3 15.5#
129 0.0 8.8 13.2#

