

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013021\
 Data File : VX020804.D
 Acq On : 29 Jan 2021 15:06
 Operator : JC/SP
 Sample : M1217-17 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1723-1724

Quant Time: Jan 29 15:29:19 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:38:15 2021
 Response via : Initial Calibration

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

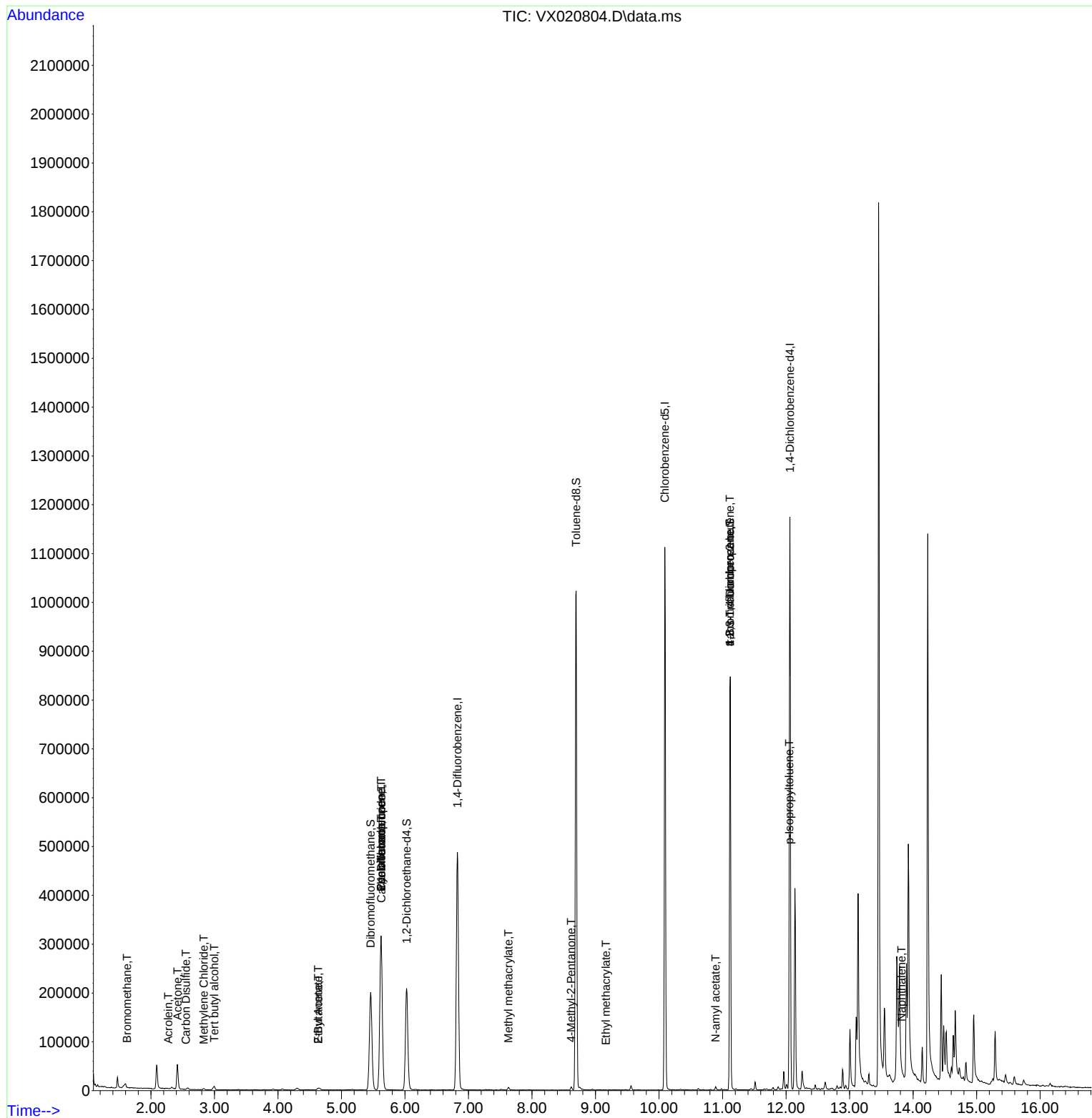
Internal Standards						
1) Pentafluorobenzene	5.623	168	293363	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	500883	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	499456	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	240104	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	203716	50.91	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.82%			
35) Dibromofluoromethane	5.458	113	173963	50.70	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.40%			
50) Toluene-d8	8.695	98	623977	49.61	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.22%			
62) 4-Bromofluorobenzene	11.116	95	231789	47.45	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 94.90%			
Target Compounds					Qvalue	
5) Bromomethane	1.624	94	717	0.36	ug/l #	28
11) Tert butyl alcohol	2.995	59	3989	5.34	ug/l #	73
13) Acrolein	2.270	56	425	0.75	ug/l #	70
16) Acetone	2.416	43	51918	34.22	ug/l	100
17) Carbon Disulfide	2.550	76	727	0.98	ug/l #	90
20) Methylene Chloride	2.831	84	1107	0.29	ug/l #	90
25) 2-Butanone	4.635	43	3679	1.55	ug/l	97
31) Cyclohexane	5.623	56	5933	1.10	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	22386	4.45	ug/l #	50
37) Ethyl Acetate	4.635	43	3679	0.77	ug/l #	71
38) Carbon Tetrachloride	5.629	117	29941	5.66	ug/l #	16
48) Methyl methacrylate	7.629	41	1385	0.36	ug/l #	32
51) 4-Methyl-2-Pentanone	8.616	43	3670	0.77	ug/l	94
56) Ethyl methacrylate	9.165	69	58	2.79	ug/l #	29
74) N-amyl acetate	10.890	43	875	2.13	ug/l #	5
76) 1,2,3-Trichloropropane	11.116	75	113723	20.42	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	113723	57.23	ug/l #	12
86) p-Isopropyltoluene	12.049	119	8482	0.55	ug/l	87
95) Naphthalene	13.817	128	1329	2.94	ug/l #	82

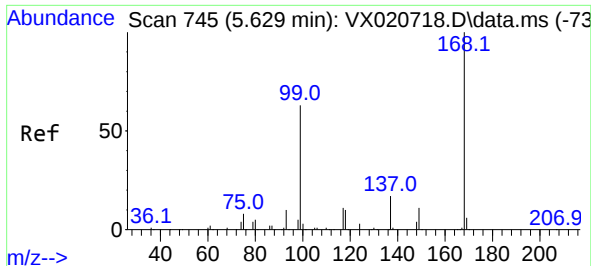
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:38:15 2021
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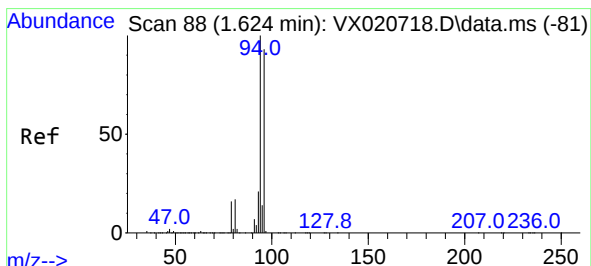
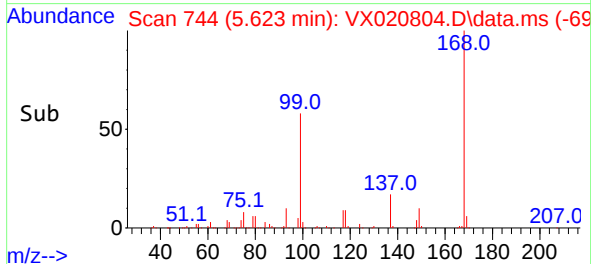
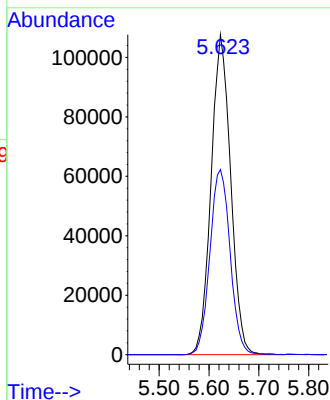
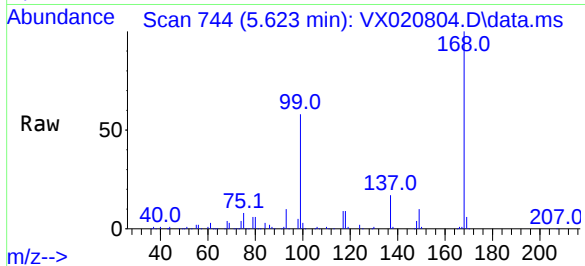




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.006 min
Lab File: VX020804.D
Acq: 29 Jan 2021 15:06

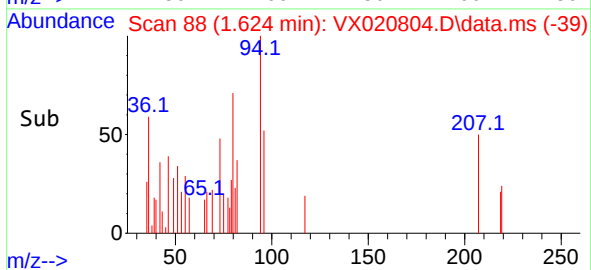
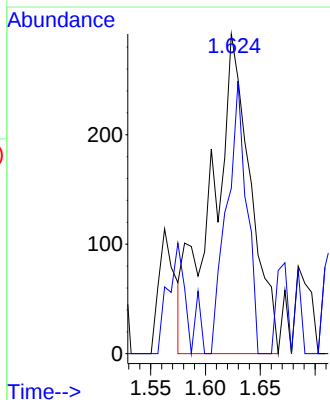
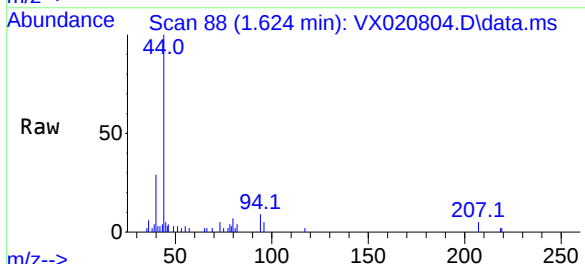
Instrument :
MSVOA_X
ClientSampleId :
1723-1724

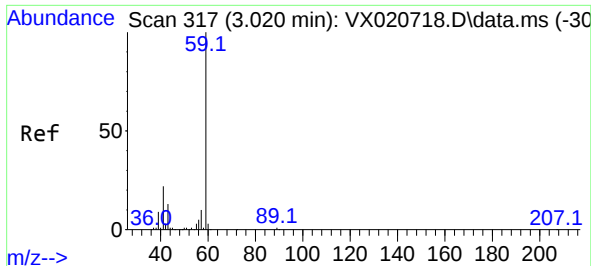
Tgt Ion:168 Resp: 293363
Ion Ratio Lower Upper
168 100
99 57.9 45.8 68.6



#5
Bromomethane
Concen: 0.36 ug/l
RT: 1.624 min Scan# 88
Delta R.T. -0.000 min
Lab File: VX020804.D
Acq: 29 Jan 2021 15:06

Tgt Ion: 94 Resp: 717
Ion Ratio Lower Upper
94 100
96 25.7 76.4 114.6#



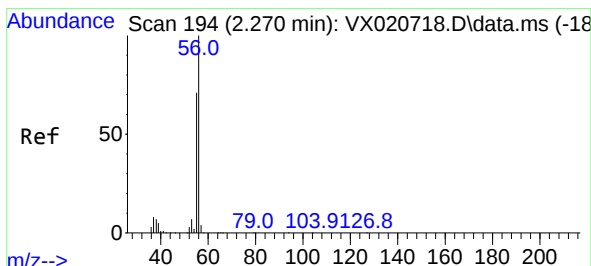
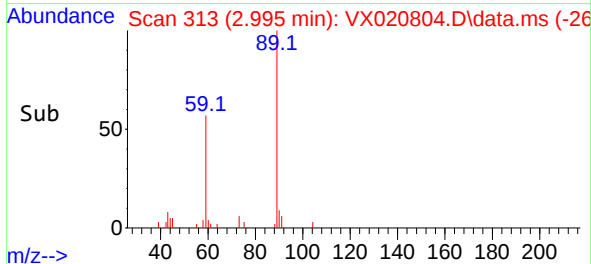
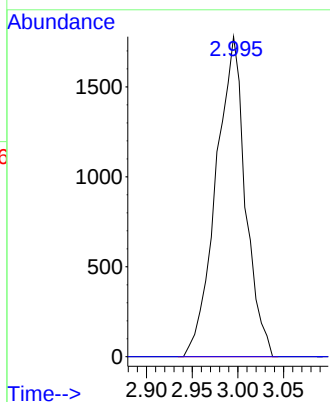
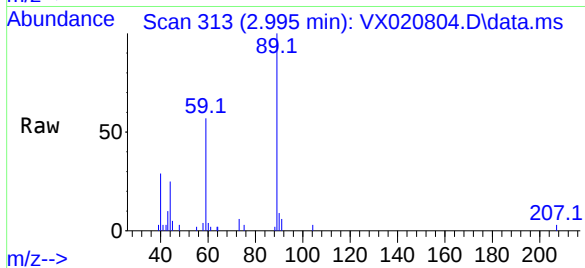


#11

Tert butyl alcohol
Concen: 5.34 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.025 min
Lab File: VX020804.D
Acq: 29 Jan 2021 15:06

Instrument :
MSVOA_X
ClientSampleId :
1723-1724

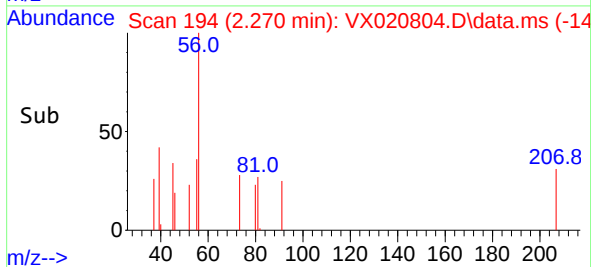
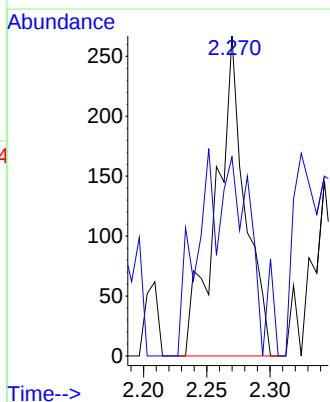
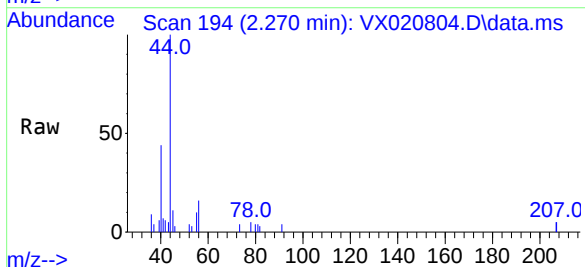
Tgt Ion: 59 Resp: 3989
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

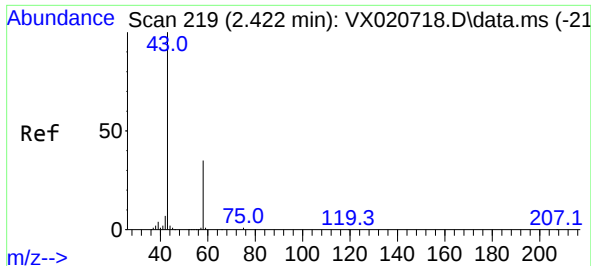


#13

Acrolein
Concen: 0.75 ug/l
RT: 2.270 min Scan# 194
Delta R.T. -0.000 min
Lab File: VX020804.D
Acq: 29 Jan 2021 15:06

Tgt Ion: 56 Resp: 425
Ion Ratio Lower Upper
56 100
55 45.4 56.4 84.6#

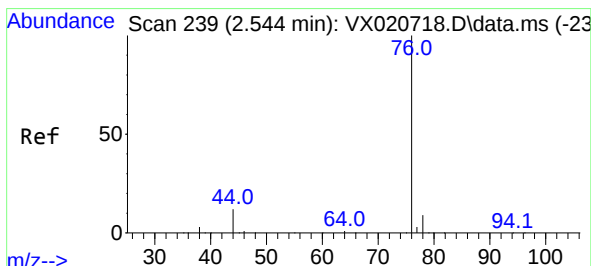
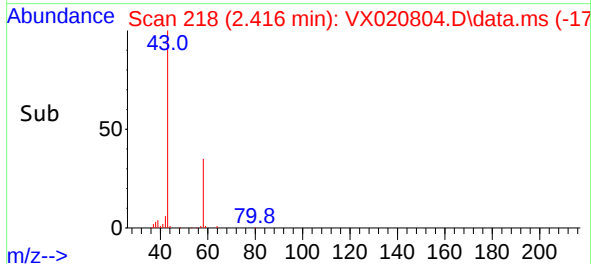
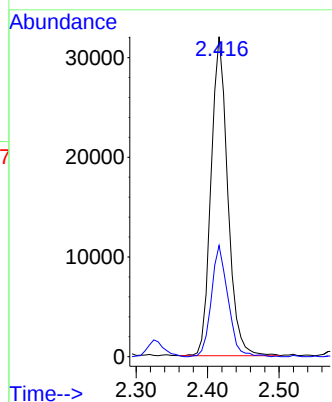
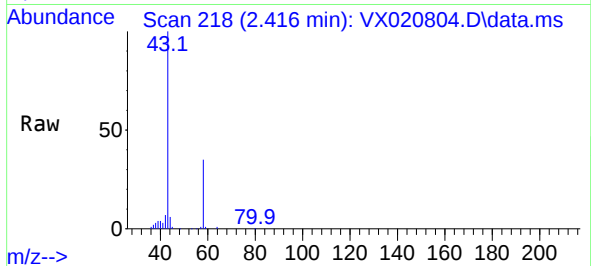




#16
Acetone
Concen: 34.22 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX020804.D
Acq: 29 Jan 2021 15:06

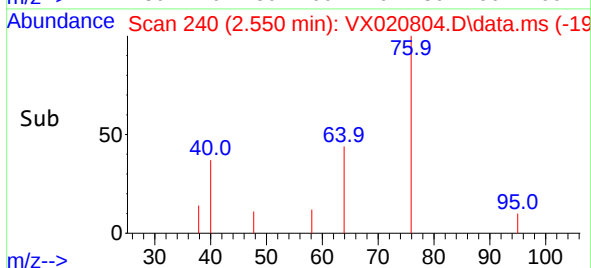
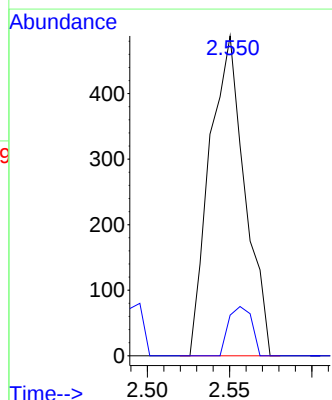
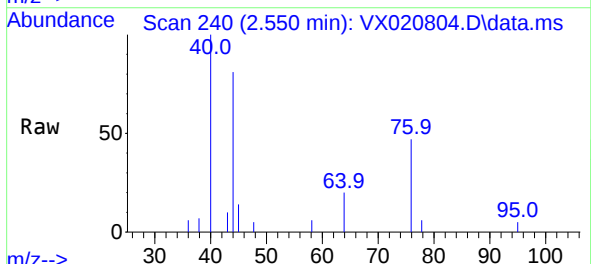
Instrument :
MSVOA_X
ClientSampleId :
1723-1724

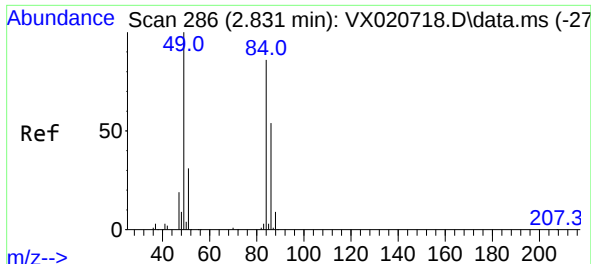
Tgt Ion: 43 Resp: 51918
Ion Ratio Lower Upper
43 100
58 34.9 27.8 41.8



#17
Carbon Disulfide
Concen: 0.98 ug/l
RT: 2.550 min Scan# 240
Delta R.T. 0.006 min
Lab File: VX020804.D
Acq: 29 Jan 2021 15:06

Tgt Ion: 76 Resp: 727
Ion Ratio Lower Upper
76 100
78 12.7 7.2 10.8#



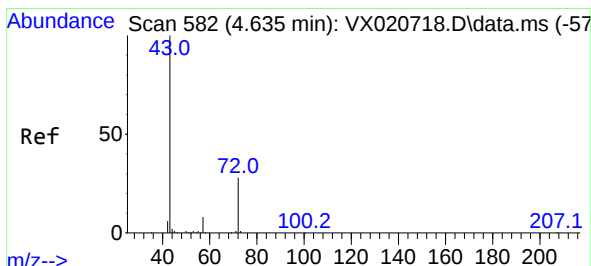
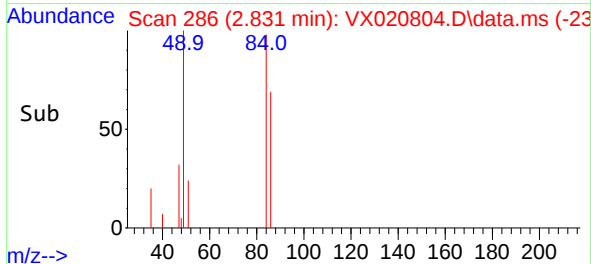
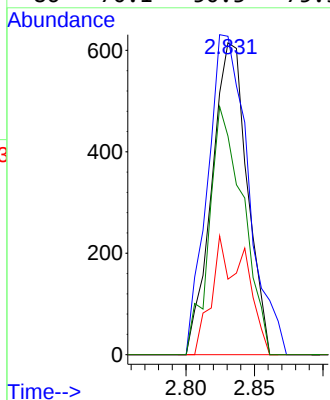
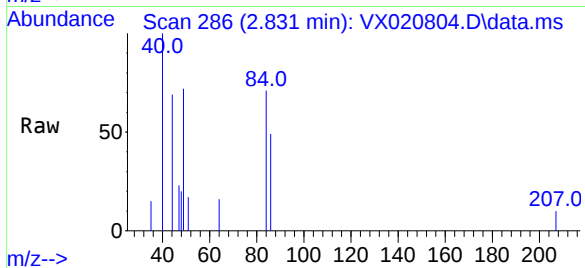


#20
Methylene Chloride
Concen: 0.29 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020804.D
Acq: 29 Jan 2021 15:06

Instrument :
MSVOA_X
ClientSampled :
1723-1724

Tgt Ion: 84 Resp: 1107

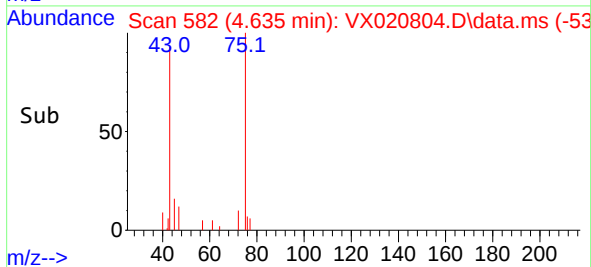
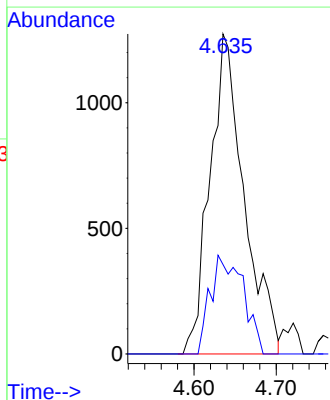
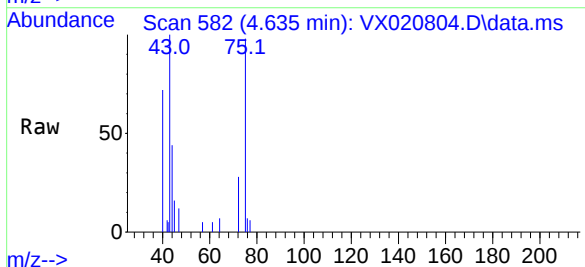
Ion	Ratio	Lower	Upper
84	100		
49	102.1	88.6	132.8
51	24.2	27.0	40.6#
86	70.1	50.3	75.5

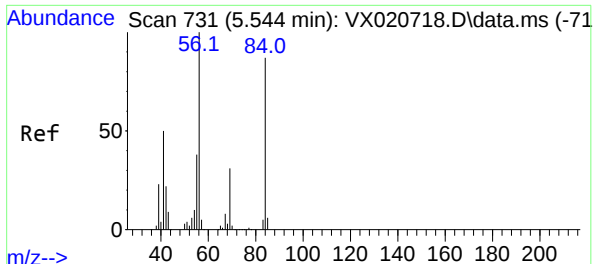


#25
2-Butanone
Concen: 1.55 ug/l
RT: 4.635 min Scan# 582
Delta R.T. 0.000 min
Lab File: VX020804.D
Acq: 29 Jan 2021 15:06

Tgt Ion: 43 Resp: 3679

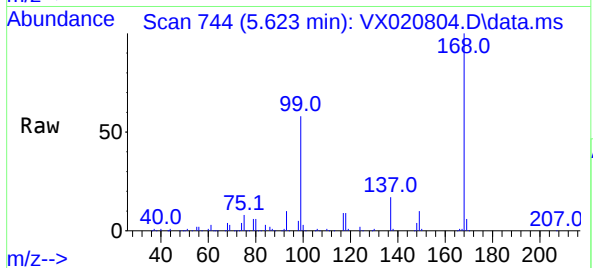
Ion	Ratio	Lower	Upper
43	100		
72	27.9	23.7	35.5



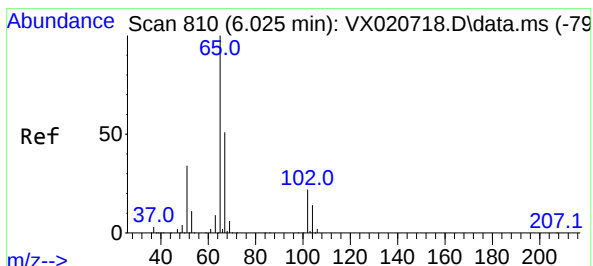
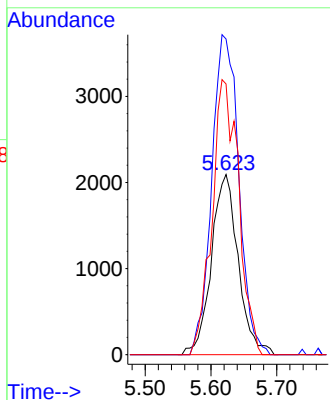
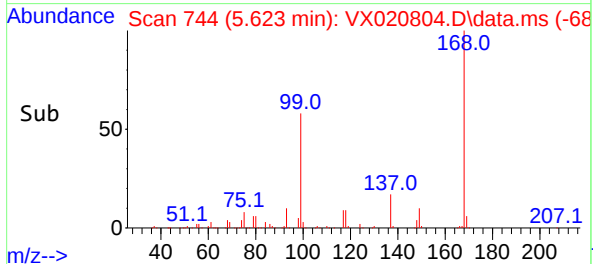


#31
Cyclohexane
Concen: 1.10 ug/l
RT: 5.623 min Scan# 744
Delta R.T. 0.079 min
Lab File: VX020804.D
Acq: 29 Jan 2021 15:06

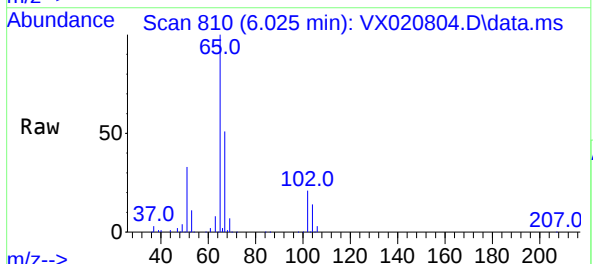
Instrument :
MSVOA_X
ClientSampleId :
1723-1724



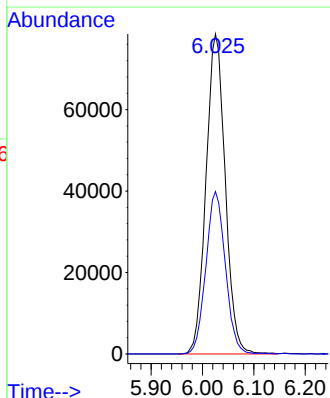
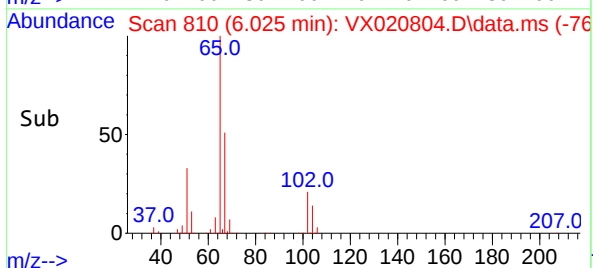
Tgt Ion: 56 Resp: 5933
Ion Ratio Lower Upper
56 100
69 175.3 25.3 37.9#
84 150.3 71.4 107.0#

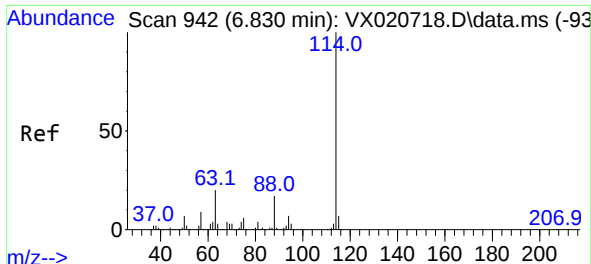


#33
1,2-Dichloroethane-d4
Concen: 50.91 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020804.D
Acq: 29 Jan 2021 15:06



Tgt Ion: 65 Resp: 203716
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.4

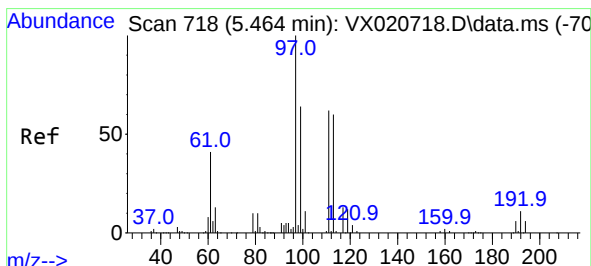
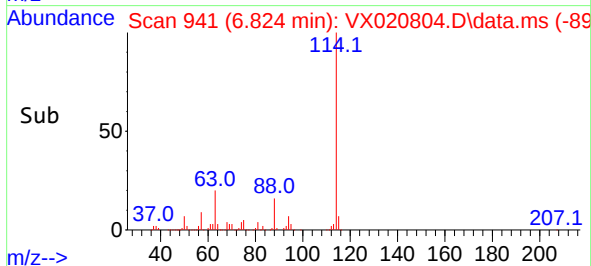
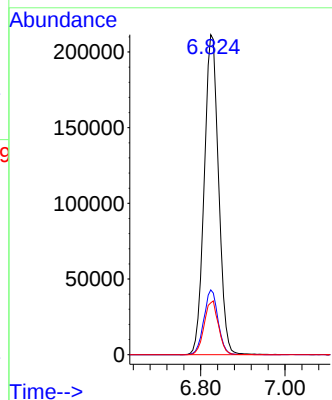
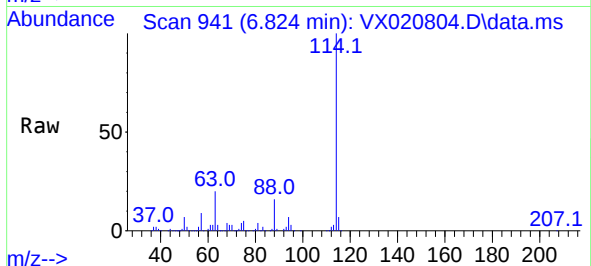




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.824 min Scan# 941
Delta R.T. -0.006 min
Lab File: VX020804.D
Acq: 29 Jan 2021 15:06

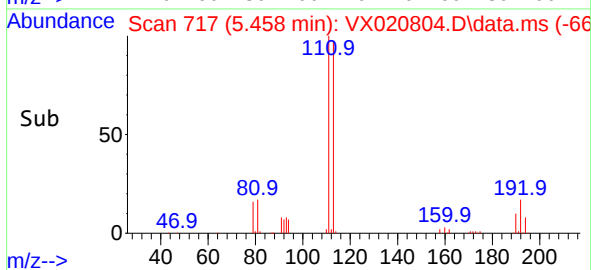
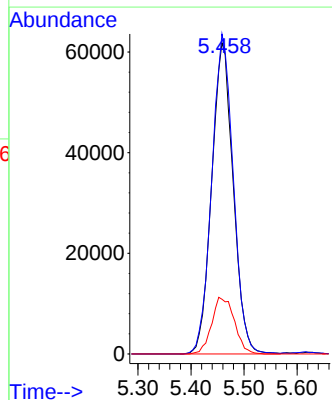
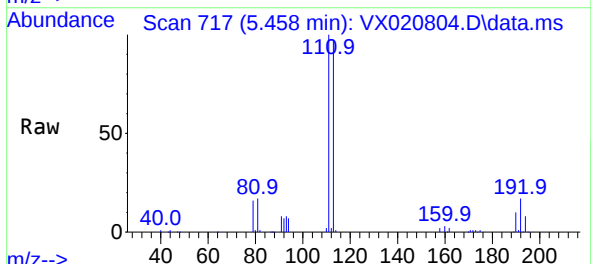
Instrument :
MSVOA_X
ClientSampleId :
1723-1724

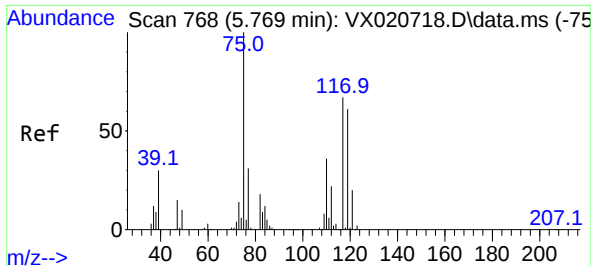
Tgt Ion:114 Resp: 500883
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.8
88 16.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.70 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.006 min
Lab File: VX020804.D
Acq: 29 Jan 2021 15:06

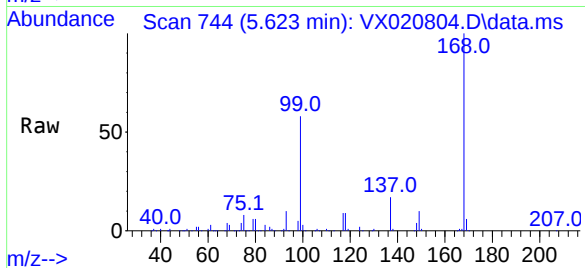
Tgt Ion:113 Resp: 173963
Ion Ratio Lower Upper
113 100
111 102.9 81.9 122.9
192 19.2 16.7 25.1



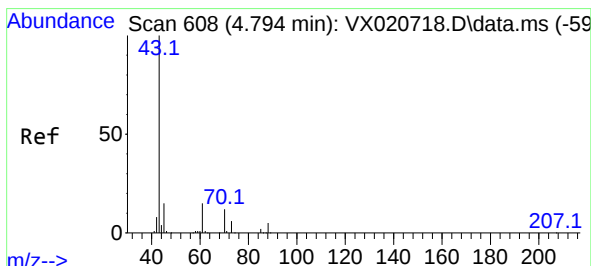
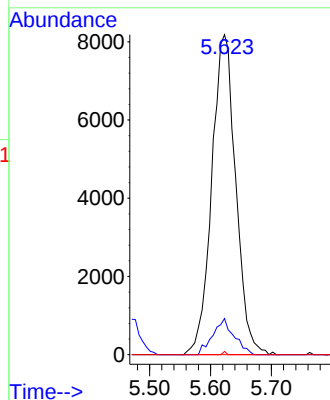
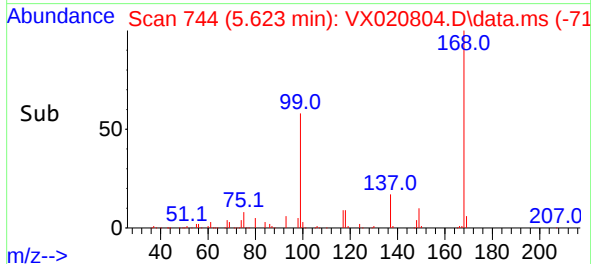


#36
1,1-Dichloropropene
Concen: 4.45 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX020804.D
Acq: 29 Jan 2021 15:06

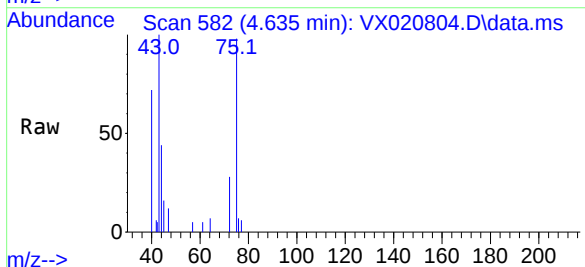
Instrument :
MSVOA_X
ClientSampleId :
1723-1724



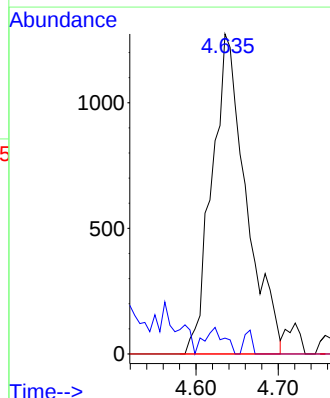
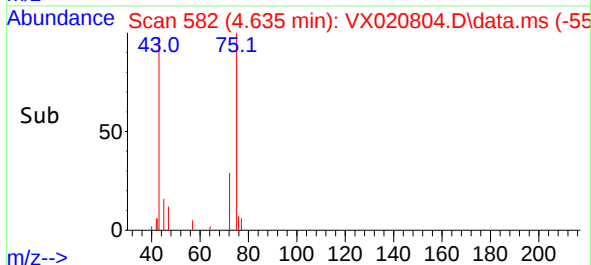
Tgt Ion: 75 Resp: 22386
Ion Ratio Lower Upper
75 100
110 10.0 18.1 54.4#
77 0.1 25.3 37.9#

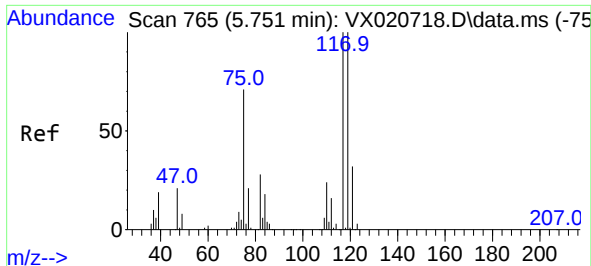


#37
Ethyl Acetate
Concen: 0.77 ug/l
RT: 4.635 min Scan# 582
Delta R.T. -0.159 min
Lab File: VX020804.D
Acq: 29 Jan 2021 15:06



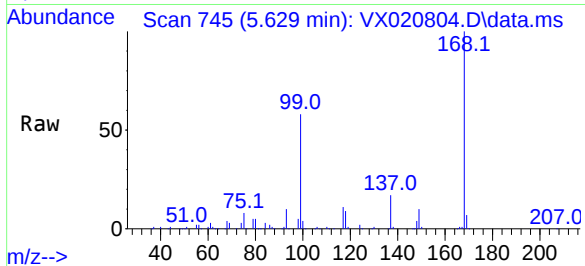
Tgt Ion: 43 Resp: 3679
Ion Ratio Lower Upper
43 100
61 4.8 12.8 19.2#
70 0.0 10.5 15.7#



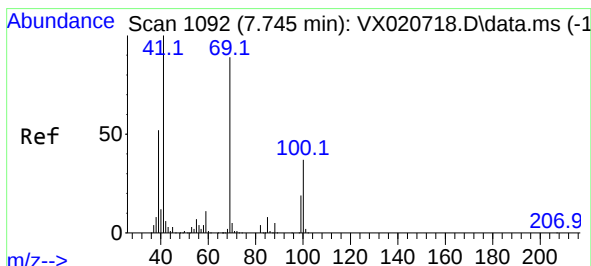
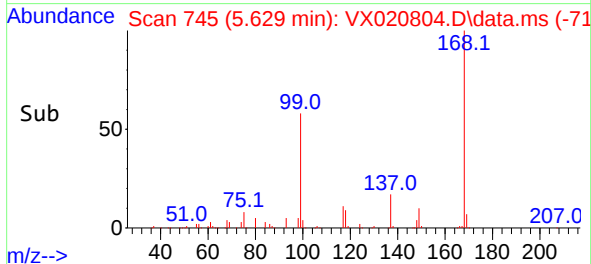
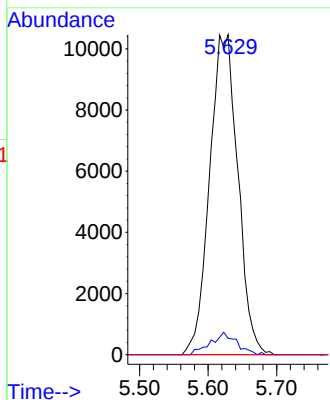


#38
Carbon Tetrachloride
Concen: 5.66 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX020804.D
Acq: 29 Jan 2021 15:06

Instrument :
MSVOA_X
ClientSampleId :
1723-1724

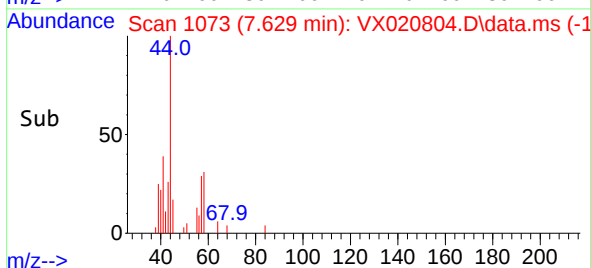
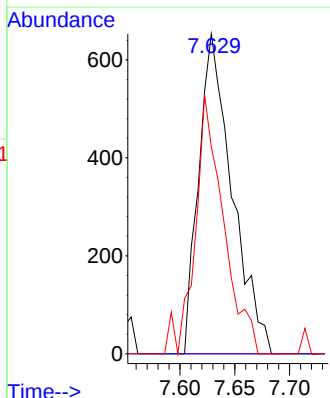
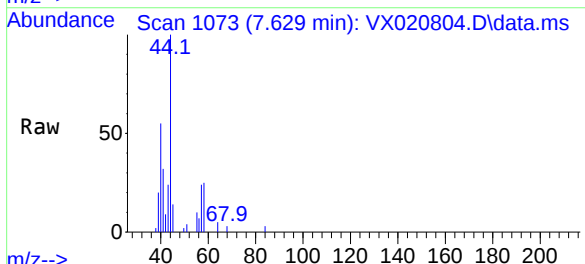


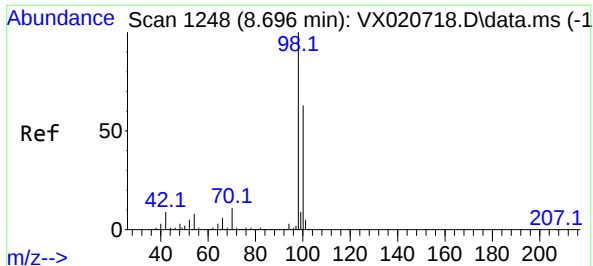
Tgt Ion: 117 Resp: 29941
Ion Ratio Lower Upper
117 100
119 5.1 76.2 114.2#
121 0.0 24.8 37.2#



#48
Methyl methacrylate
Concen: 0.36 ug/l
RT: 7.629 min Scan# 1073
Delta R.T. -0.116 min
Lab File: VX020804.D
Acq: 29 Jan 2021 15:06

Tgt Ion: 41 Resp: 1385
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 68.7 44.6 67.0#

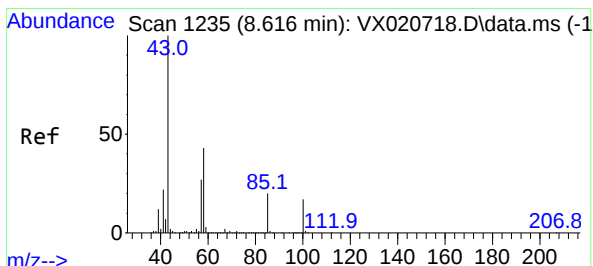
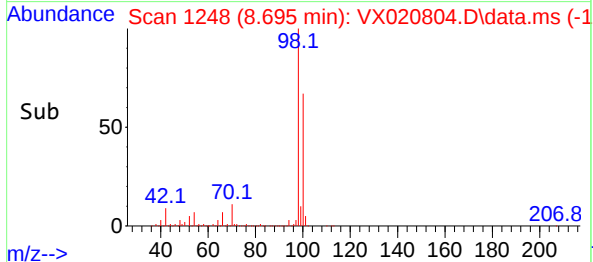
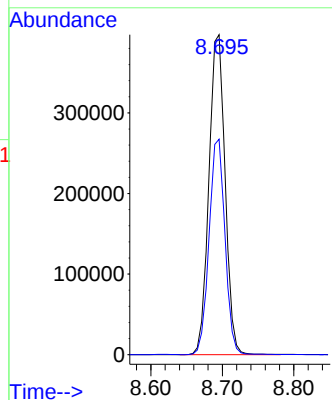
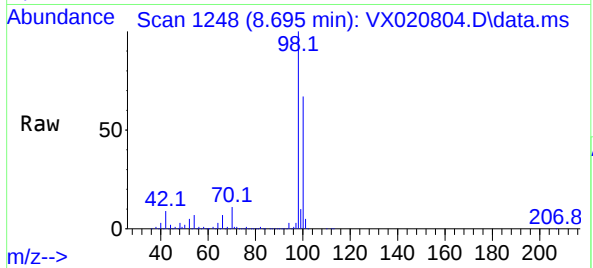




#50
Toluene-d8
Concen: 49.61 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. -0.001 min
Lab File: VX020804.D
Acq: 29 Jan 2021 15:06

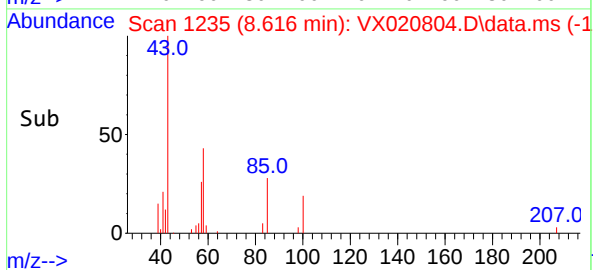
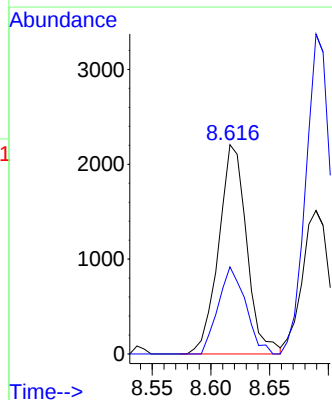
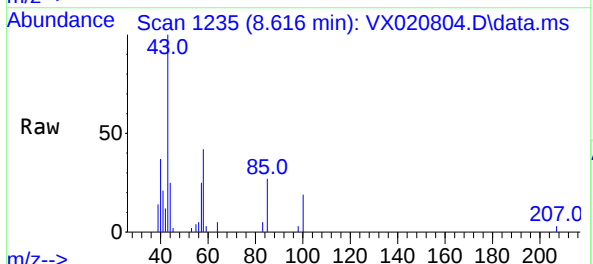
Instrument :
MSVOA_X
ClientSampleId :
1723-1724

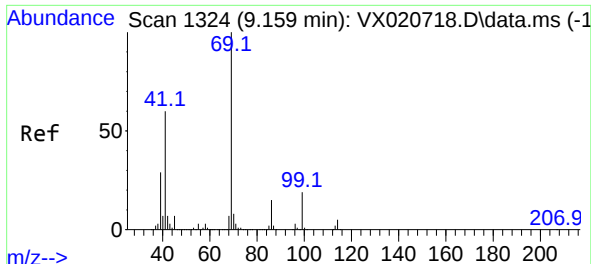
Tgt Ion: 98 Resp: 623977
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.77 ug/l
RT: 8.616 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VX020804.D
Acq: 29 Jan 2021 15:06

Tgt Ion: 43 Resp: 3670
Ion Ratio Lower Upper
43 100
58 40.6 35.4 53.0

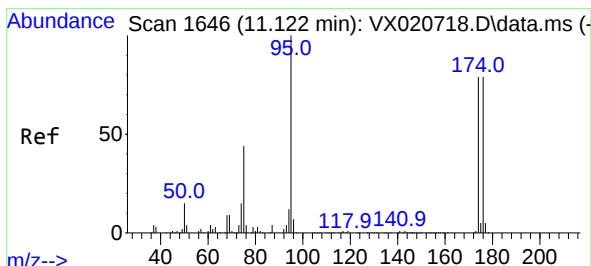
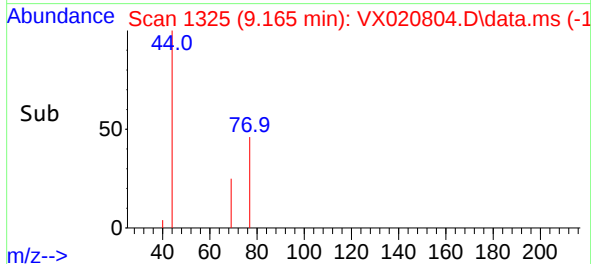
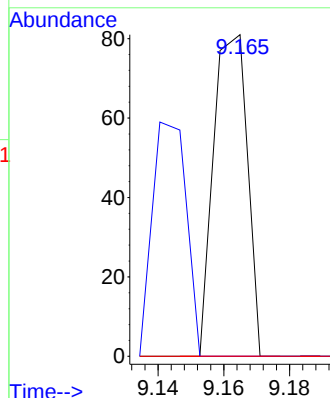
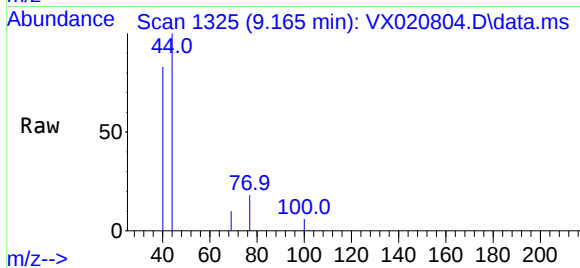




#56
Ethyl methacrylate
Concen: 2.79 ug/l
RT: 9.165 min Scan# 1325
Delta R.T. 0.006 min
Lab File: VX020804.D
Acq: 29 Jan 2021 15:06

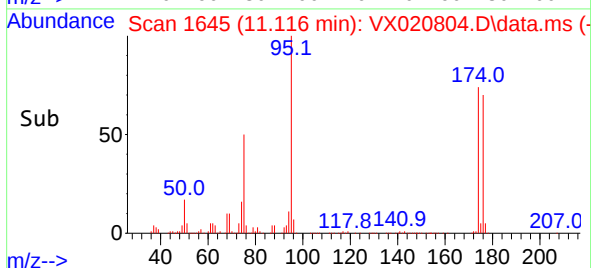
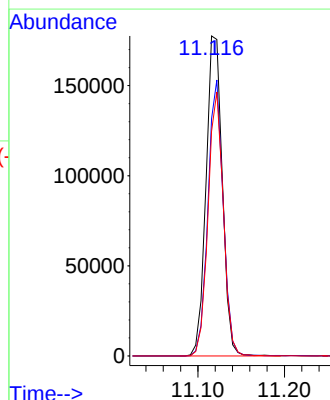
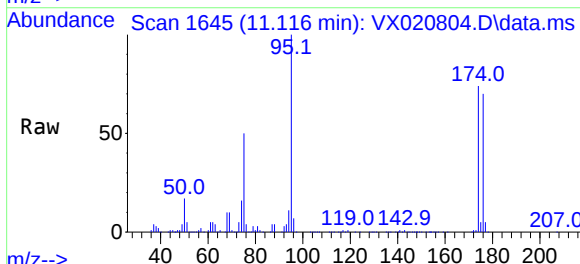
Instrument :
MSVOA_X
ClientSampled :
1723-1724

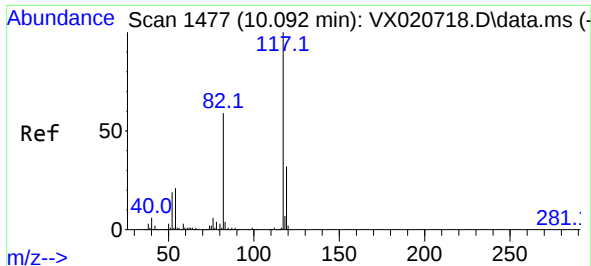
Tgt Ion: 69	Resp: 58
Ion Ratio	Lower Upper
69	100
41	0.0 46.8 70.2#
39	0.0 24.7 37.1#



#62
4-Bromofluorobenzene
Concen: 47.45 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.006 min
Lab File: VX020804.D
Acq: 29 Jan 2021 15:06

Tgt Ion: 95	Resp: 231789
Ion Ratio	Lower Upper
95	100
174	80.7 0.0 154.6
176	77.6 0.0 155.8

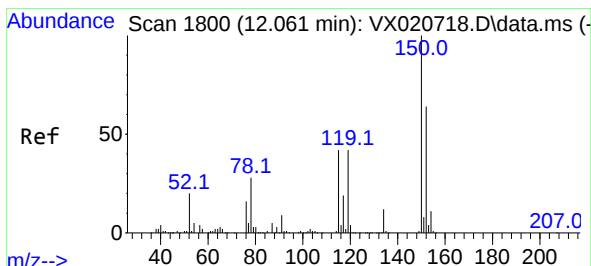
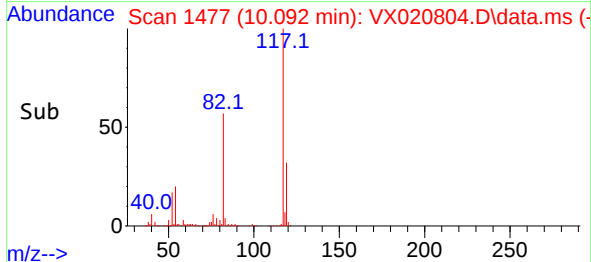
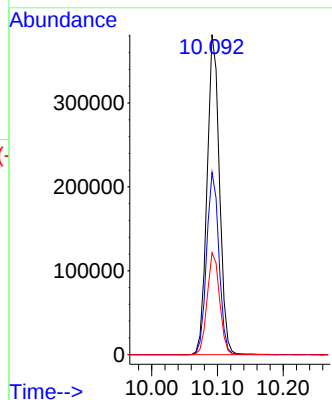
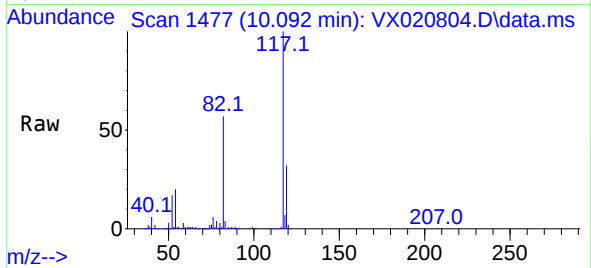




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020804.D
Acq: 29 Jan 2021 15:06

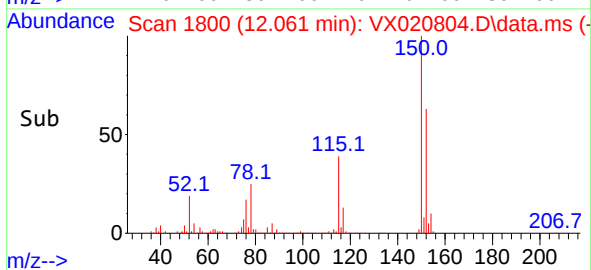
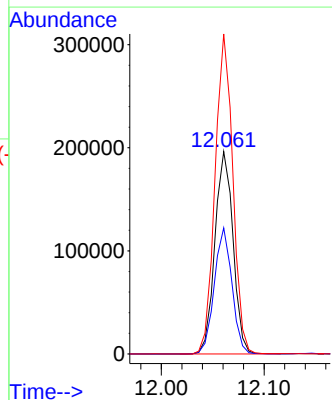
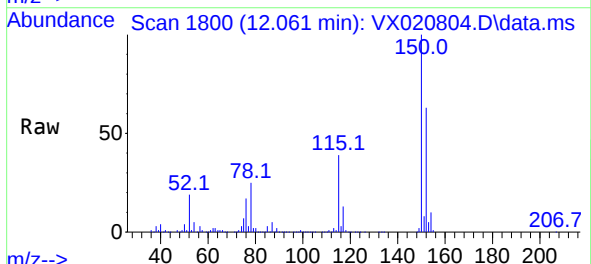
Instrument :
MSVOA_X
ClientSampleId :
1723-1724

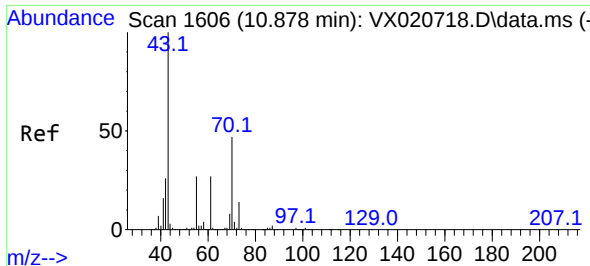
Tgt Ion:117 Resp: 499456
Ion Ratio Lower Upper
117 100
82 56.9 47.4 71.2
119 31.9 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020804.D
Acq: 29 Jan 2021 15:06

Tgt Ion:152 Resp: 240104
Ion Ratio Lower Upper
152 100
115 60.6 41.1 123.3
150 154.7 0.0 349.0



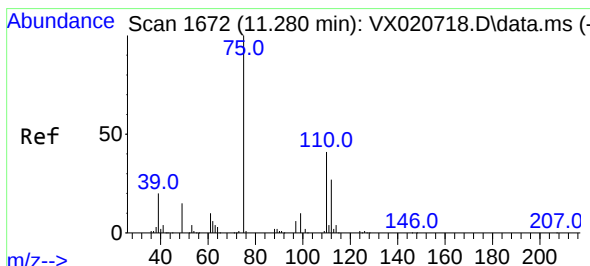
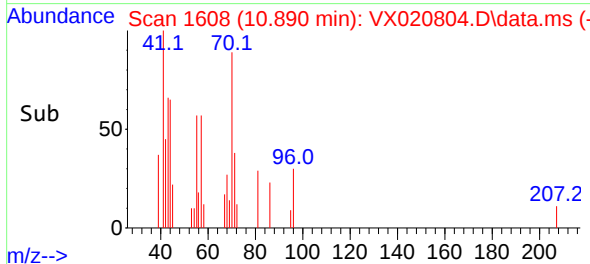
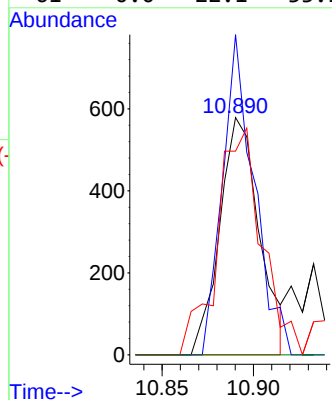
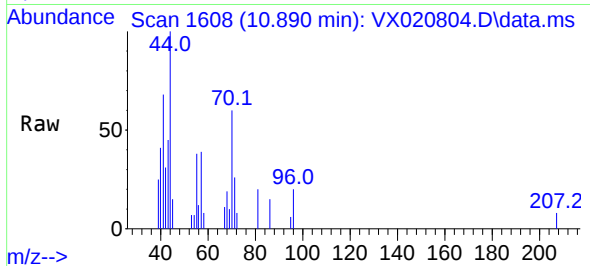


#74
N-amy1 acetate
Concen: 2.13 ug/l
RT: 10.890 min Scan# 1608
Delta R.T. 0.012 min
Lab File: VX020804.D
Acq: 29 Jan 2021 15:06

Instrument :
MSVOA_X
ClientSampleId :
1723-1724

Tgt Ion: 43 Resp: 875

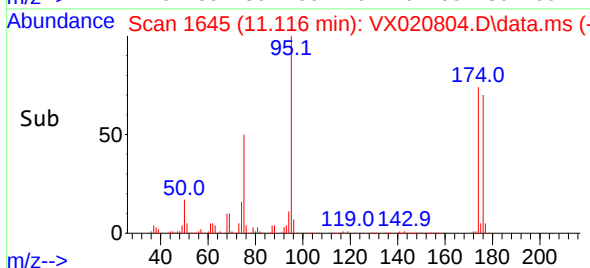
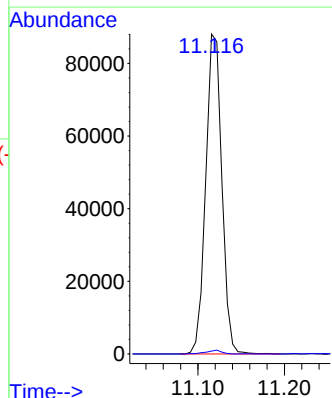
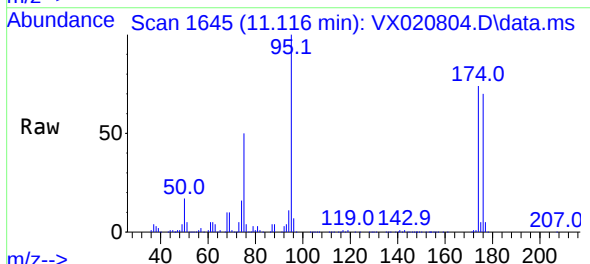
Ion	Ratio	Lower	Upper
43	100		
70	107.4	39.0	58.6#
55	107.2	21.5	32.3#
61	0.0	22.1	33.1#

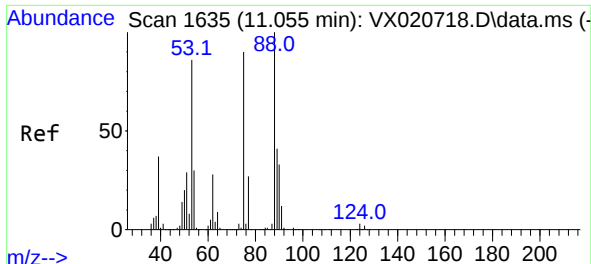


#76
1,2,3-Trichloropropane
Concen: 20.42 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.164 min
Lab File: VX020804.D
Acq: 29 Jan 2021 15:06

Tgt Ion: 75 Resp: 113723

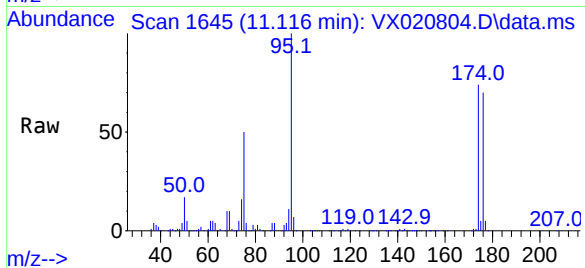
Ion	Ratio	Lower	Upper
75	100		
77	1.1	19.1	57.5#



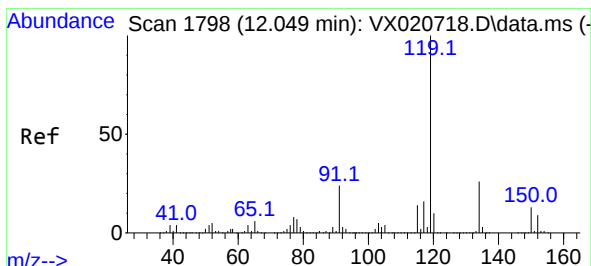
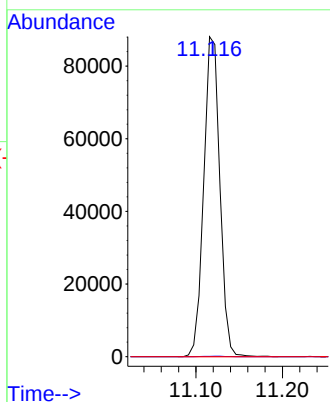
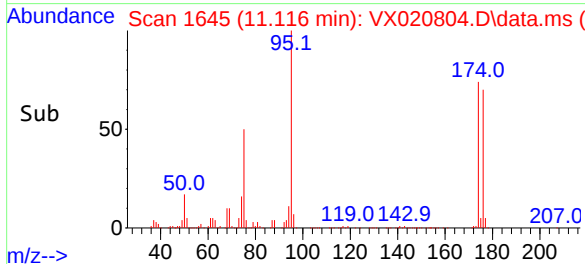


#81
trans-1,4-Dichloro-2-butene
Concen: 57.23 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020804.D
Acq: 29 Jan 2021 15:06

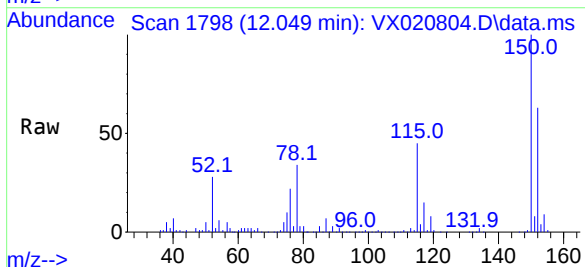
Instrument :
MSVOA_X
ClientSampleId :
1723-1724



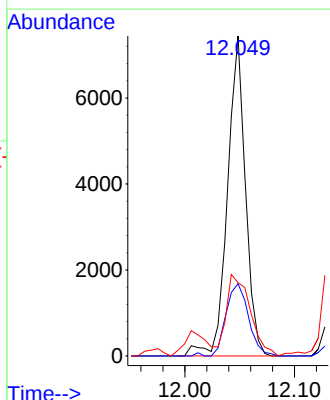
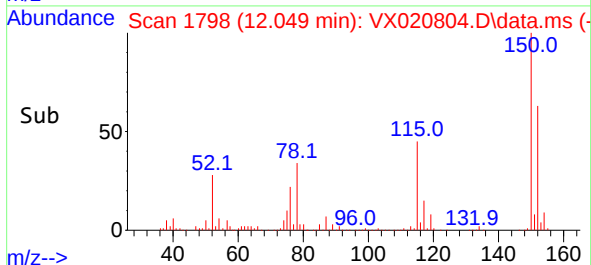
Tgt Ion: 75 Resp: 113723
Ion Ratio Lower Upper
75 100
53 0.2 74.5 111.7#
89 0.0 37.9 56.9#

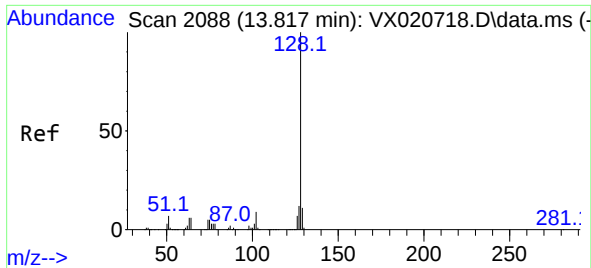


#86
p-Isopropyltoluene
Concen: 0.55 ug/l
RT: 12.049 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VX020804.D
Acq: 29 Jan 2021 15:06



Tgt Ion: 119 Resp: 8482
Ion Ratio Lower Upper
119 100
134 28.3 12.9 38.7
91 34.2 11.7 35.0





#95
Naphthalene
Concen: 2.94 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020804.D
Acq: 29 Jan 2021 15:06

Instrument :
MSVOA_X
ClientSampleId :
1723-1724

Tgt Ion:	128	Resp:	1329
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	10.6	8.8	13.2

