

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012621\
 Data File : VX020750.D
 Acq On : 26 Jan 2021 13:57
 Operator : JC/SP
 Sample : M1192-04DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 41623DL

Quant Time: Jan 26 14:42:02 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)

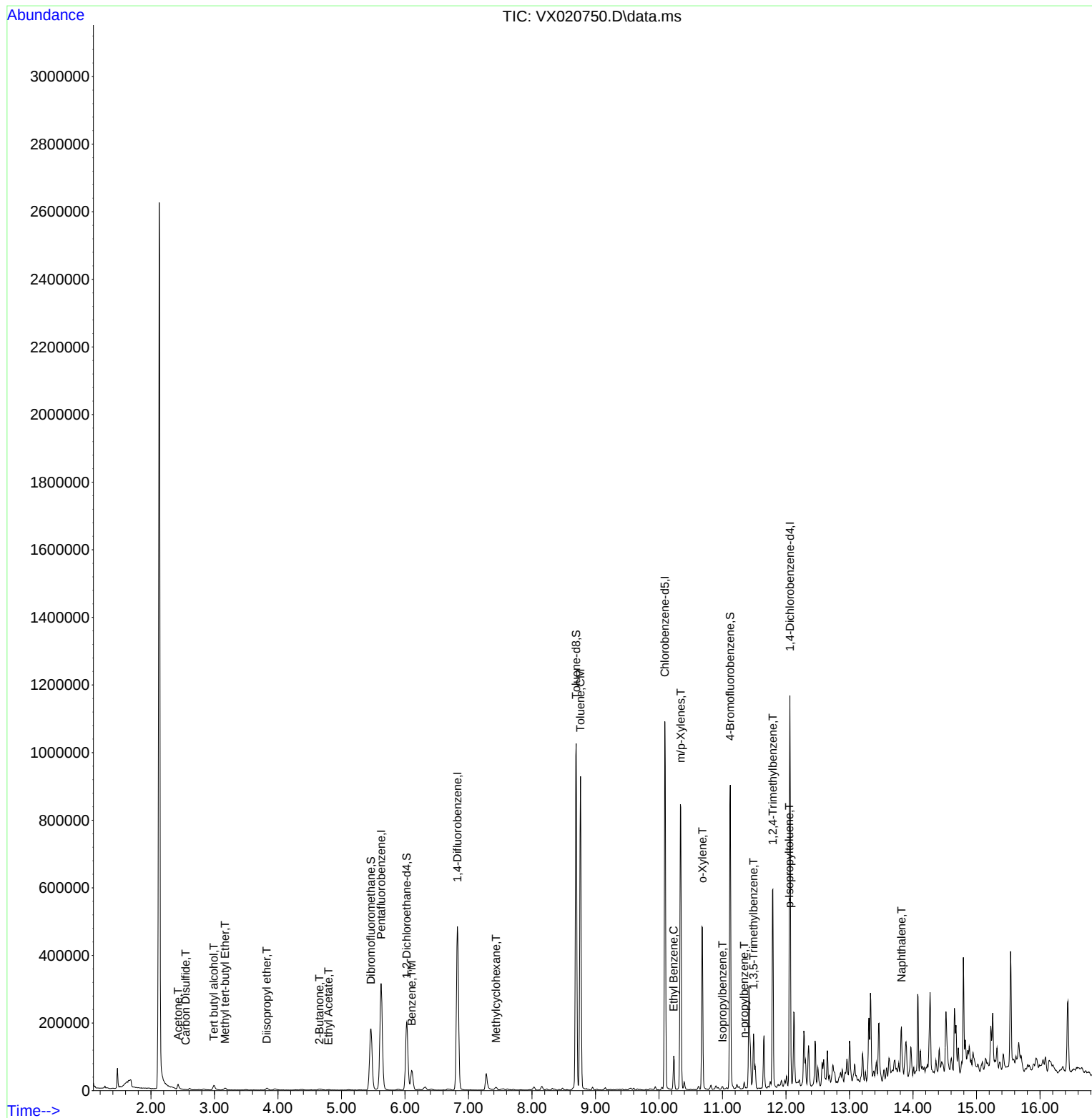
Internal Standards						
1) Pentafluorobenzene	5.623	168	287287	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	495094	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	495533	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	226301	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	191314	48.82	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.64%		
35) Dibromofluoromethane	5.465	113	162792	48.00	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.00%		
50) Toluene-d8	8.696	98	625951	50.35	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.70%		
62) 4-Bromofluorobenzene	11.122	95	247240	51.21	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.42%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	2.989	59	9783	13.37	ug/l #	73
16) Acetone	2.429	43	15356	10.34	ug/l	97
17) Carbon Disulfide	2.544	76	887	1.00	ug/l	95
19) Methyl tert-butyl Ether	3.166	73	5994	0.58	ug/l	98
22) Diisopropyl ether	3.825	45	5741	0.57	ug/l #	80
25) 2-Butanone	4.654	43	4272	1.84	ug/l	96
37) Ethyl Acetate	4.794	43	2239	0.48	ug/l #	84
39) Methylcyclohexane	7.434	83	3166	0.56	ug/l	93
40) Benzene	6.105	78	70362	4.81	ug/l	97
52) Toluene	8.763	92	342133	37.18	ug/l	99
67) Ethyl Benzene	10.232	91	57035	3.07	ug/l	100
68) m/p-Xylenes	10.342	106	200144	28.87	ug/l	97
69) o-Xylene	10.683	106	108251	16.60	ug/l	98
73) Isopropylbenzene	11.000	105	3544	0.22	ug/l	95
78) n-propylbenzene	11.342	91	10805	0.57	ug/l	99
80) 1,3,5-Trimethylbenzene	11.488	105	69212	4.95	ug/l	100
84) 1,2,4-Trimethylbenzene	11.793	105	265462	18.83	ug/l	99
86) p-Isopropyltoluene	12.049	119	5584	0.39	ug/l	89
95) Naphthalene	13.817	128	90011	7.76	ug/l	99

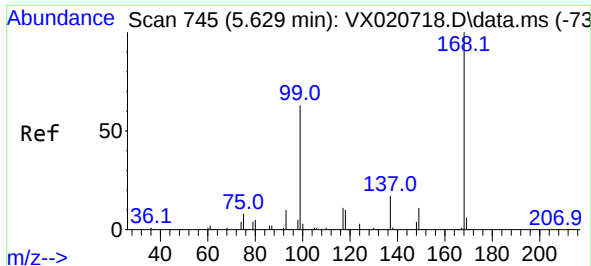
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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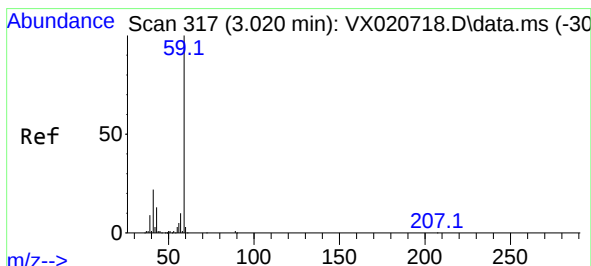
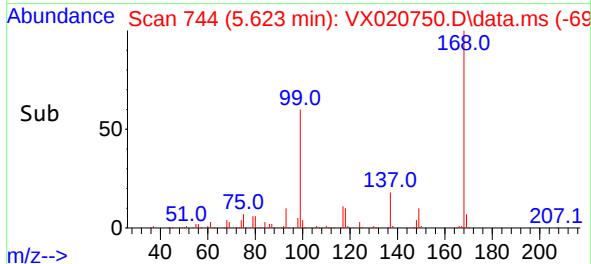
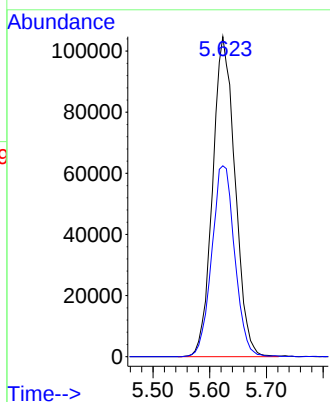
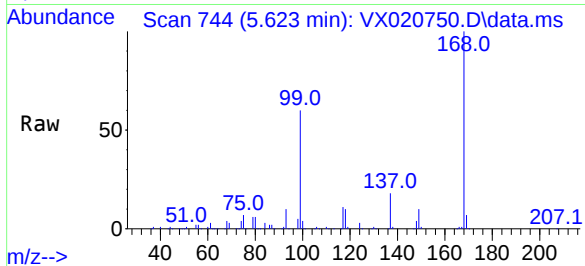




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.006 min
Lab File: VX020750.D
Acq: 26 Jan 2021 13:57

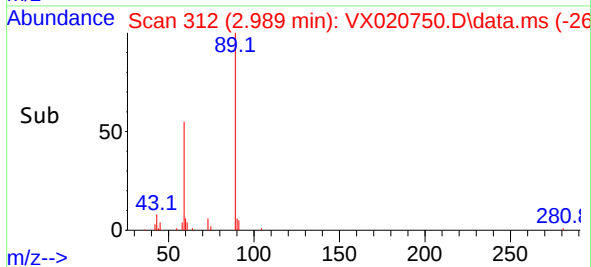
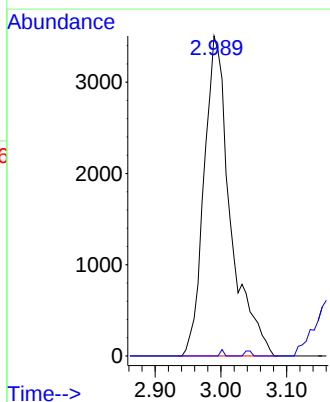
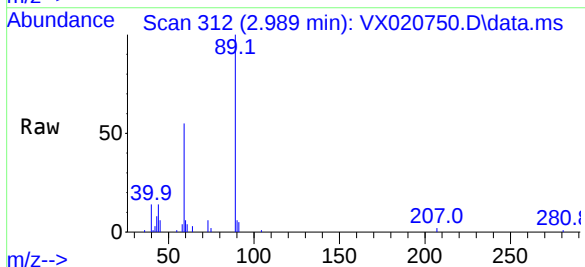
Instrument :
MSVOA_X
ClientSampleId :
41623DL

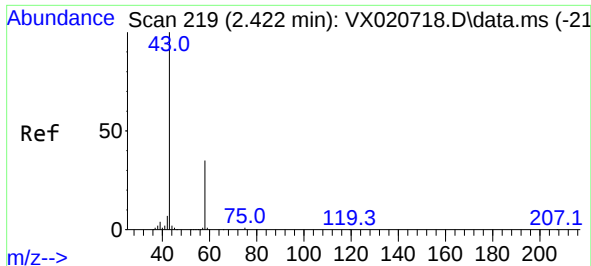
Tgt Ion:168 Resp: 287287
Ion Ratio Lower Upper
168 100
99 59.6 45.8 68.6



#11
Tert butyl alcohol
Concen: 13.37 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.031 min
Lab File: VX020750.D
Acq: 26 Jan 2021 13:57

Tgt Ion: 59 Resp: 9783
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

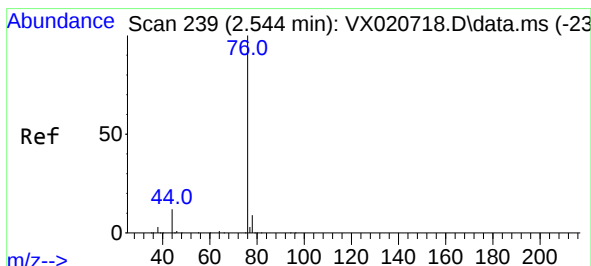
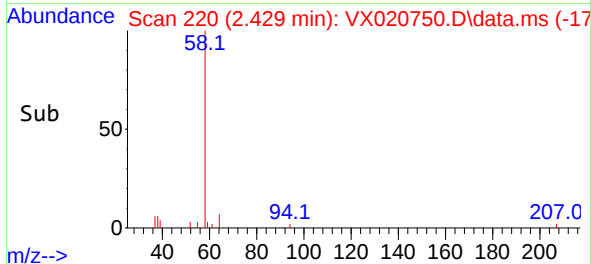
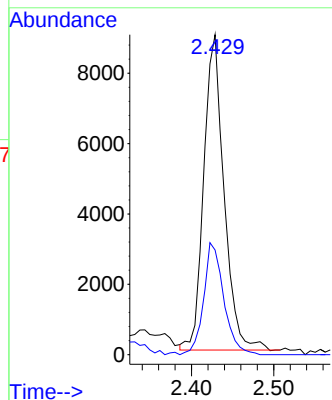
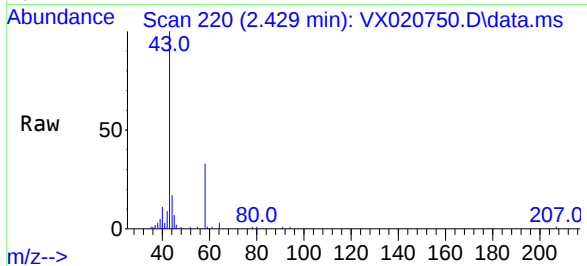




#16
Acetone
Concen: 10.34 ug/l
RT: 2.429 min Scan# 220
Delta R.T. 0.007 min
Lab File: VX020750.D
Acq: 26 Jan 2021 13:57

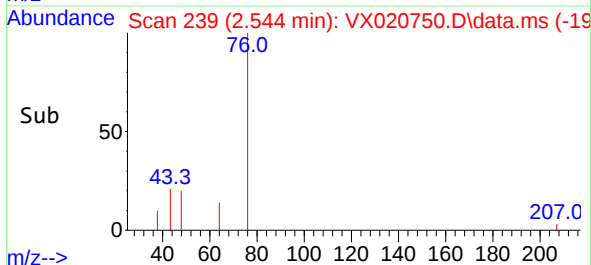
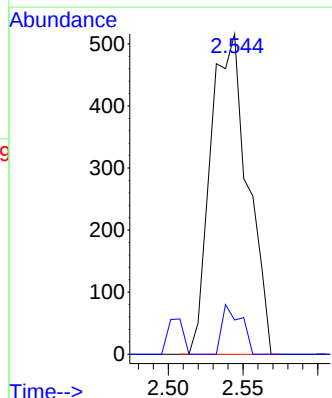
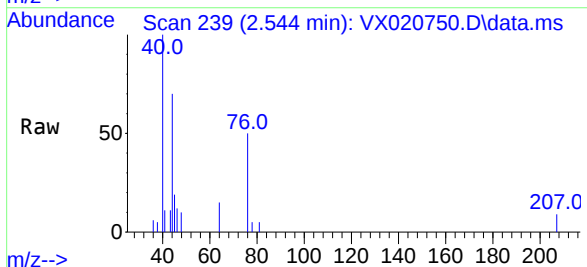
Instrument :
MSVOA_X
ClientSampleId :
41623DL

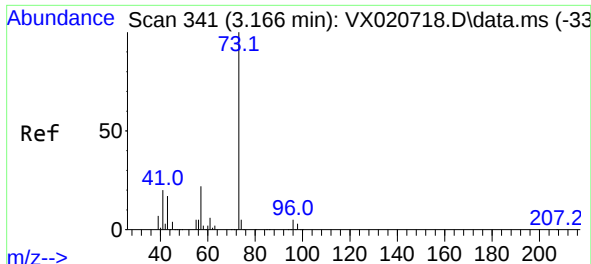
Tgt Ion: 43 Resp: 15356
Ion Ratio Lower Upper
43 100
58 33.2 27.8 41.8



#17
Carbon Disulfide
Concen: 1.00 ug/l
RT: 2.544 min Scan# 239
Delta R.T. 0.000 min
Lab File: VX020750.D
Acq: 26 Jan 2021 13:57

Tgt Ion: 76 Resp: 887
Ion Ratio Lower Upper
76 100
78 10.7 7.2 10.8

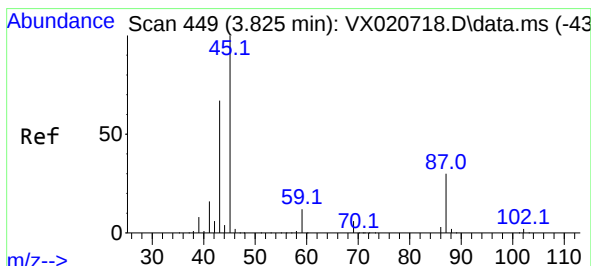
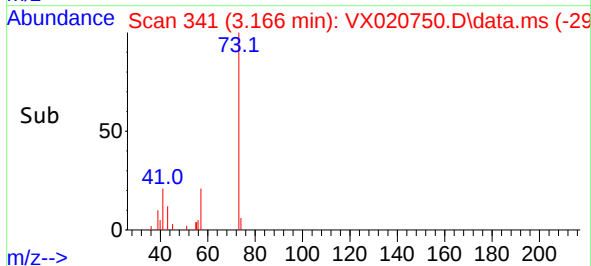
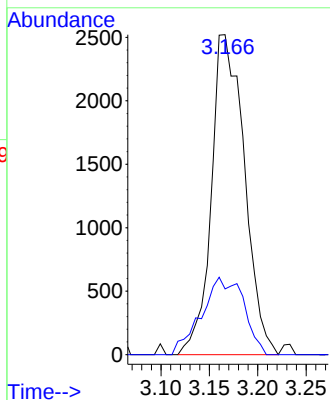
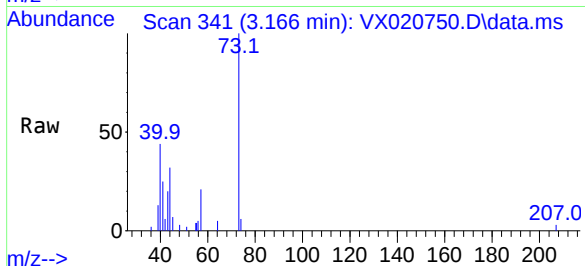




#19
Methyl tert-butyl Ether
Concen: 0.58 ug/l
RT: 3.166 min Scan# 341
Delta R.T. 0.000 min
Lab File: VX020750.D
Acq: 26 Jan 2021 13:57

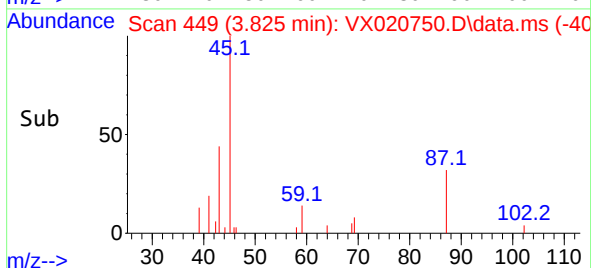
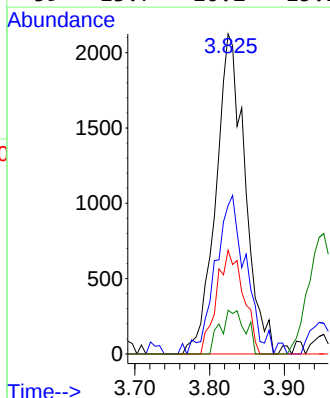
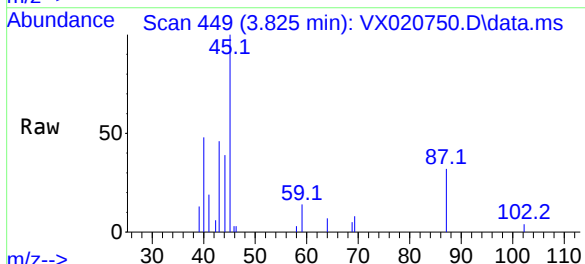
Instrument :
MSVOA_X
ClientSampled :
41623DL

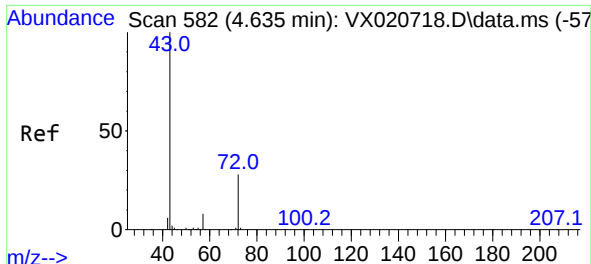
Tgt Ion: 73 Resp: 5994
Ion Ratio Lower Upper
73 100
57 20.5 17.1 25.7



#22
Diisopropyl ether
Concen: 0.57 ug/l
RT: 3.825 min Scan# 449
Delta R.T. -0.000 min
Lab File: VX020750.D
Acq: 26 Jan 2021 13:57

Tgt Ion: 45 Resp: 5741
Ion Ratio Lower Upper
45 100
43 46.4 58.0 87.0#
87 32.4 25.4 38.0
59 13.7 10.2 15.2

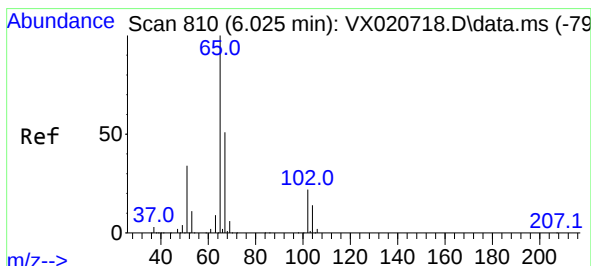
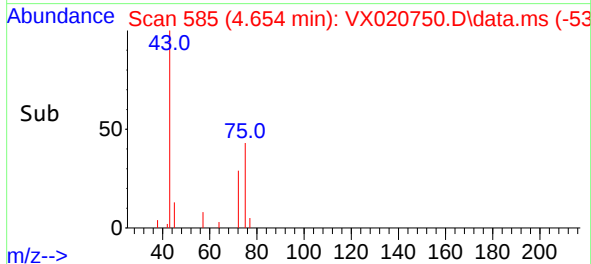
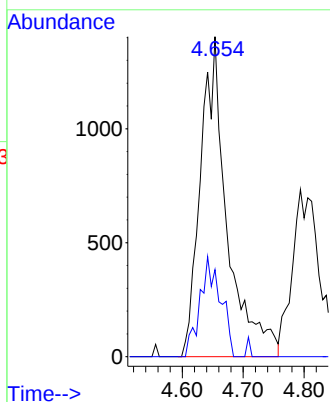
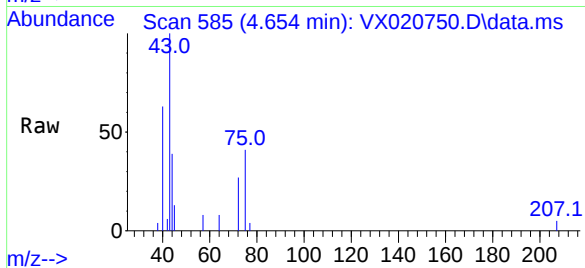




#25
2-Butanone
Concen: 1.84 ug/l
RT: 4.654 min Scan# 585
Delta R.T. 0.019 min
Lab File: VX020750.D
Acq: 26 Jan 2021 13:57

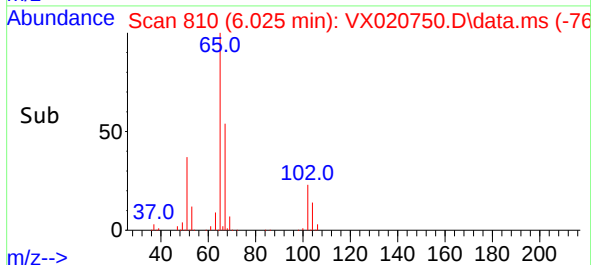
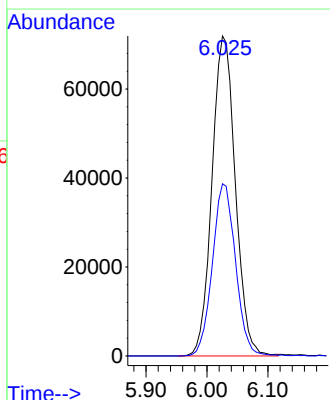
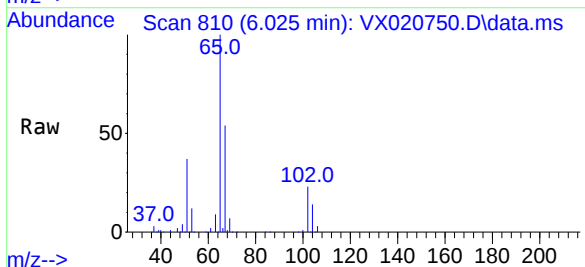
Instrument :
MSVOA_X
ClientSampled :
41623DL

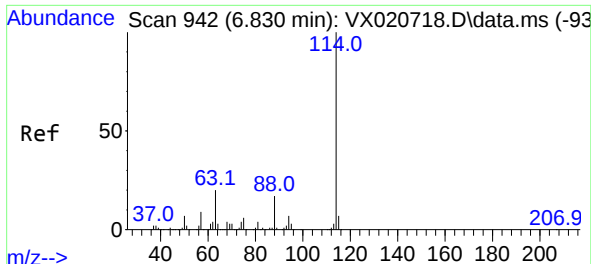
Tgt Ion: 43 Resp: 4272
Ion Ratio Lower Upper
43 100
72 27.2 23.7 35.5



#33
1,2-Dichloroethane-d4
Concen: 48.82 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020750.D
Acq: 26 Jan 2021 13:57

Tgt Ion: 65 Resp: 191314
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.4

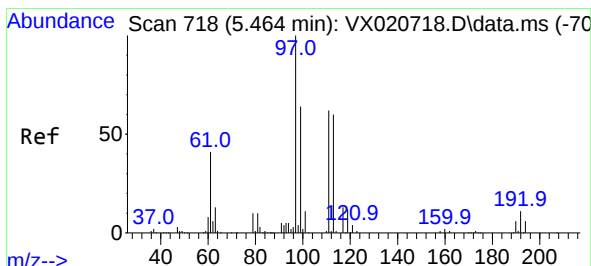
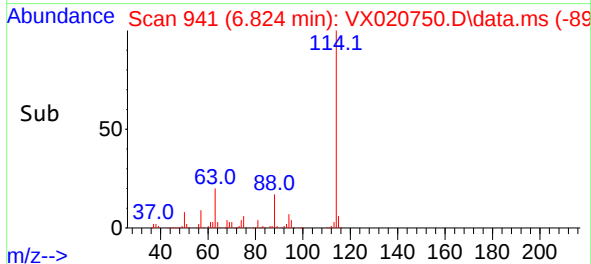
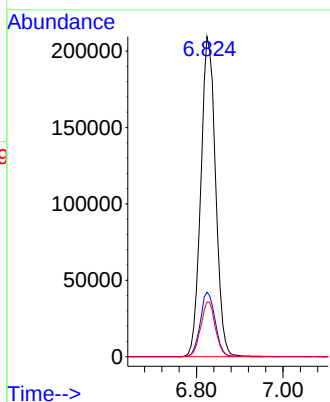
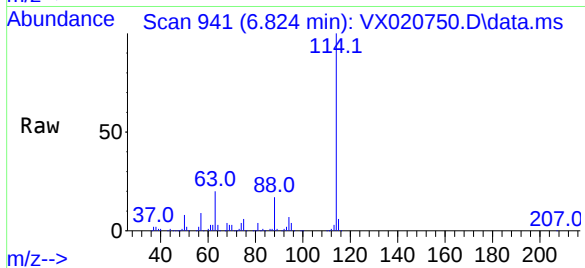




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.824 min Scan# 941
Delta R.T. -0.006 min
Lab File: VX020750.D
Acq: 26 Jan 2021 13:57

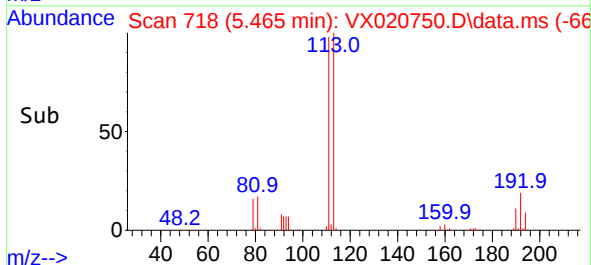
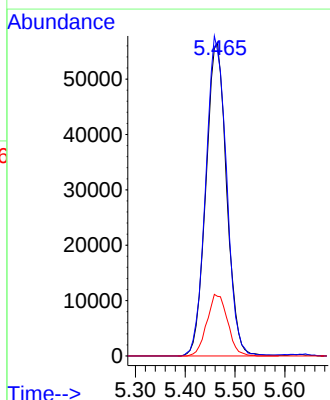
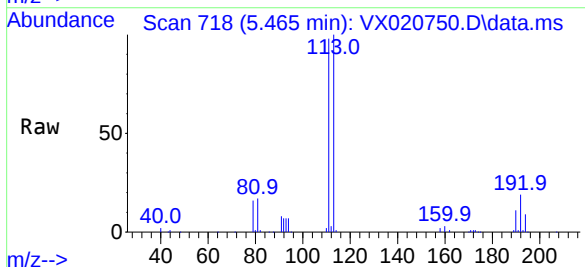
Instrument :
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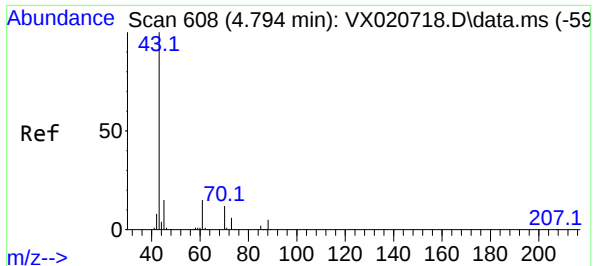
Tgt Ion:114 Resp: 495094
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.8
88 17.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.00 ug/l
RT: 5.465 min Scan# 718
Delta R.T. 0.001 min
Lab File: VX020750.D
Acq: 26 Jan 2021 13:57

Tgt Ion:113 Resp: 162792
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 19.7 16.7 25.1

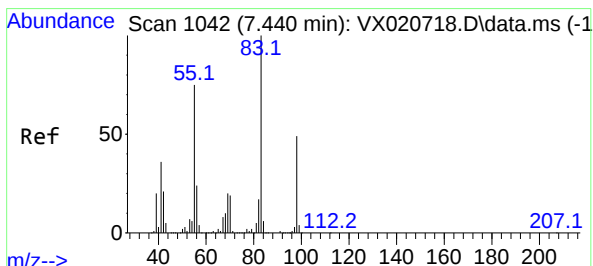
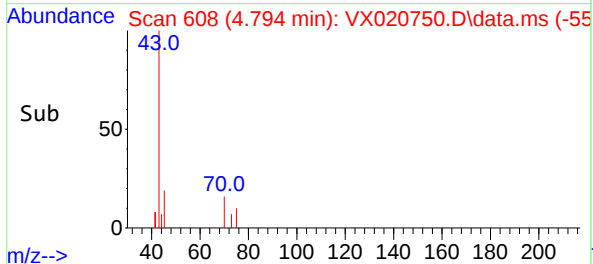
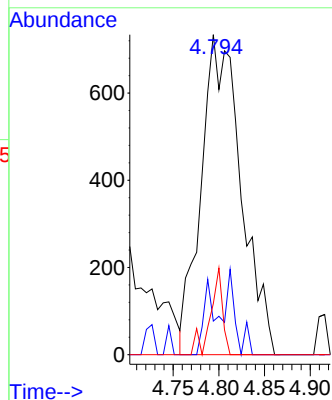
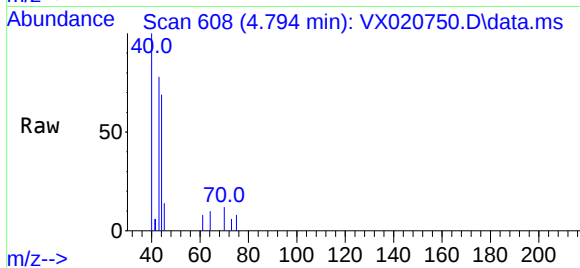




#37
Ethyl Acetate
Concen: 0.48 ug/l
RT: 4.794 min Scan# 608
Delta R.T. -0.000 min
Lab File: VX020750.D
Acq: 26 Jan 2021 13:57

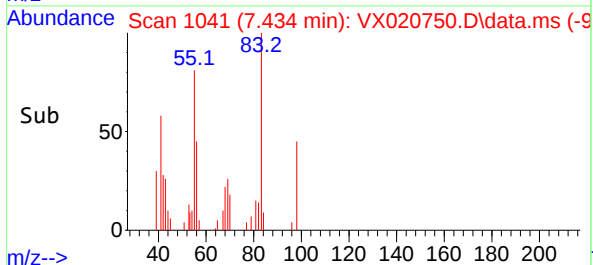
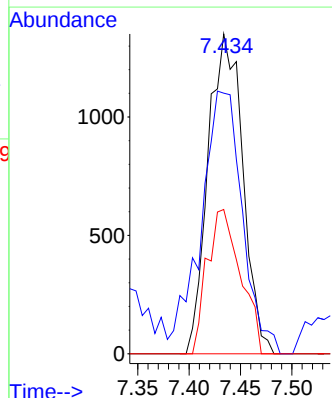
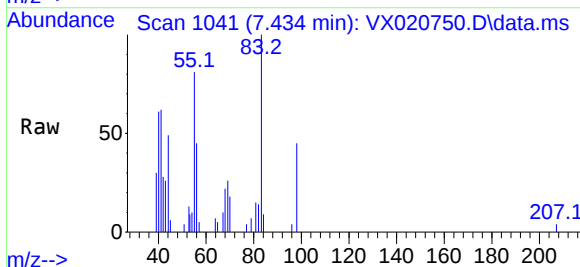
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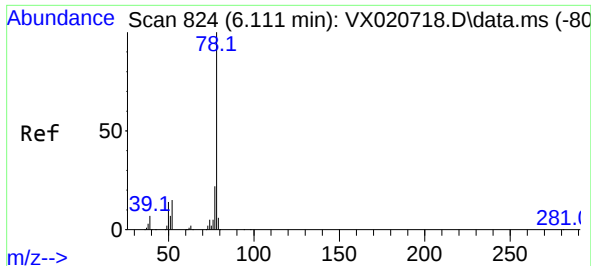
Tgt Ion:	43	Resp:	2239
Ion	Ratio	Lower	Upper
43	100		
61	7.8	12.8	19.2#
70	8.1	10.5	15.7#



#39
Methylcyclohexane
Concen: 0.56 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. -0.006 min
Lab File: VX020750.D
Acq: 26 Jan 2021 13:57

Tgt Ion:	83	Resp:	3166
Ion	Ratio	Lower	Upper
83	100		
55	81.5	58.9	88.3
98	45.2	38.1	57.1

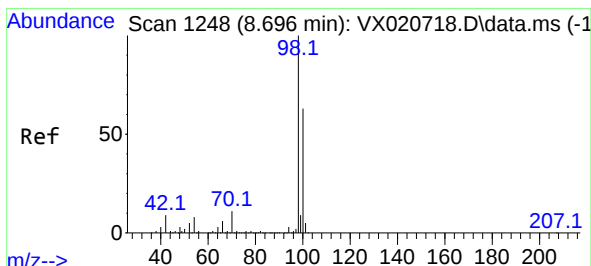
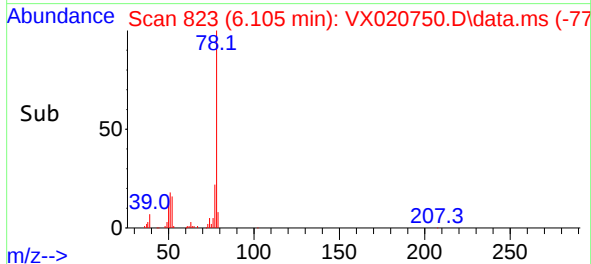
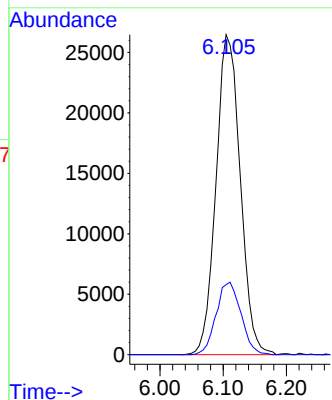
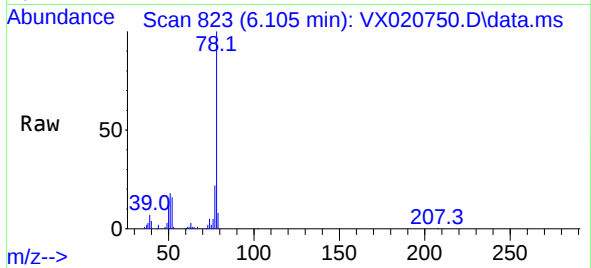




#40
Benzene
Concen: 4.81 ug/l
RT: 6.105 min Scan# 823
Delta R.T. -0.006 min
Lab File: VX020750.D
Acq: 26 Jan 2021 13:57

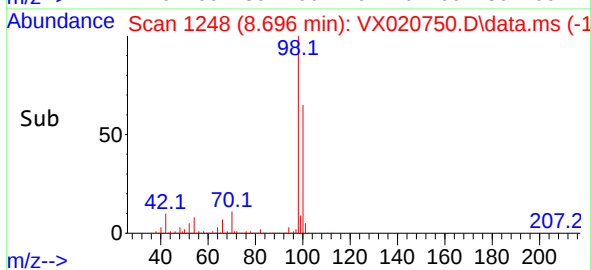
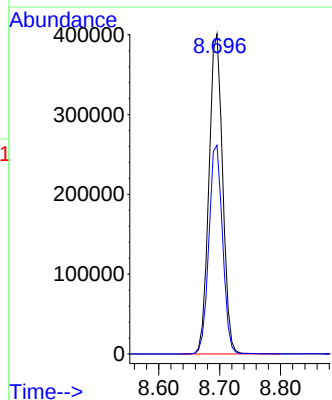
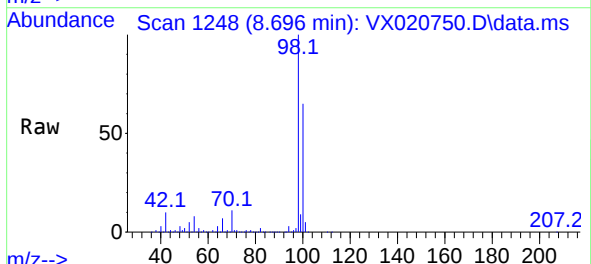
Instrument :
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ClientSampleId :
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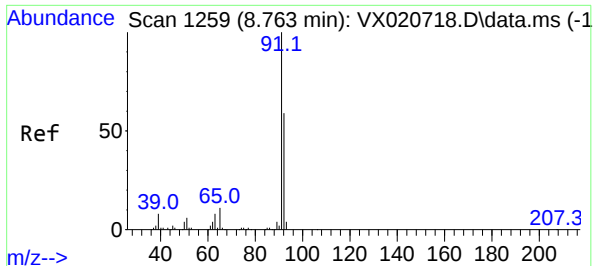
Tgt Ion: 78 Resp: 70362
Ion Ratio Lower Upper
78 100
77 21.9 18.9 28.3



#50
Toluene-d8
Concen: 50.35 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020750.D
Acq: 26 Jan 2021 13:57

Tgt Ion: 98 Resp: 625951
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9

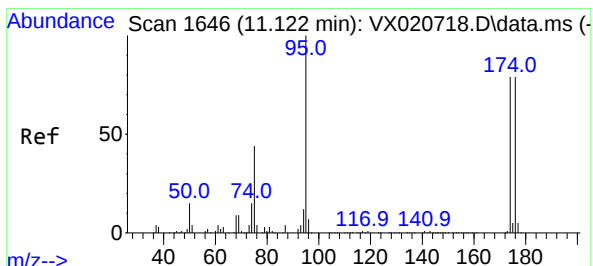
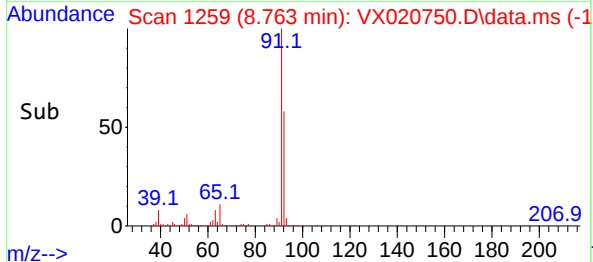
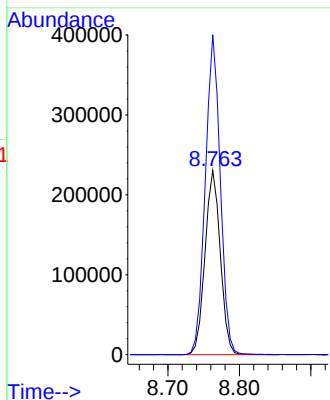
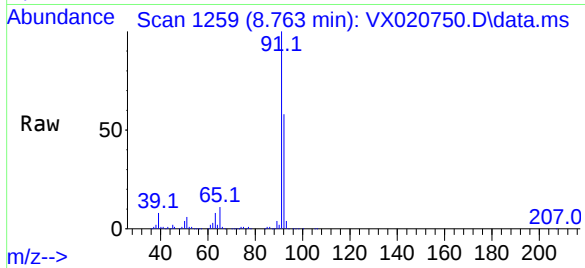




#52
Toluene
Concen: 37.18 ug/l
RT: 8.763 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VX020750.D
Acq: 26 Jan 2021 13:57

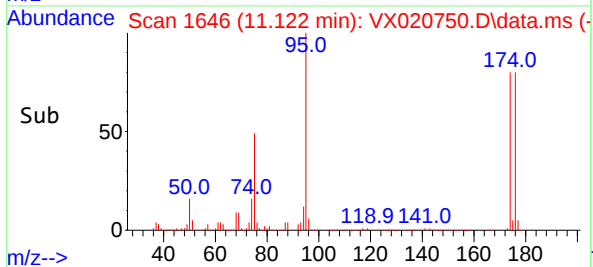
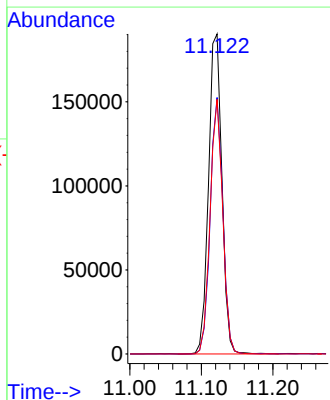
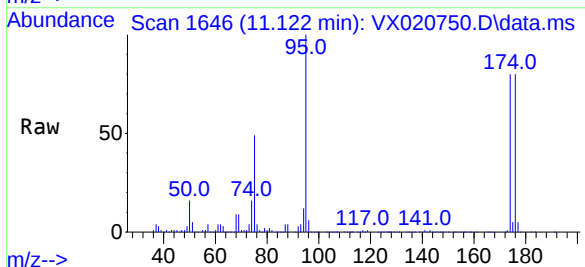
Instrument :
MSVOA_X
ClientSampled :
41623DL

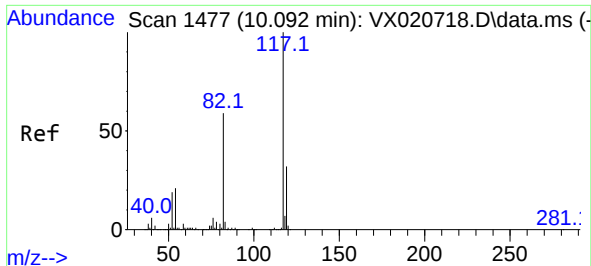
Tgt Ion: 92 Resp: 342133
Ion Ratio Lower Upper
92 100
91 170.1 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 51.21 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020750.D
Acq: 26 Jan 2021 13:57

Tgt Ion: 95 Resp: 247240
Ion Ratio Lower Upper
95 100
174 75.4 0.0 154.6
176 75.1 0.0 155.8

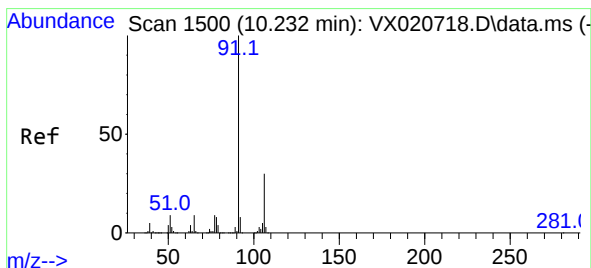
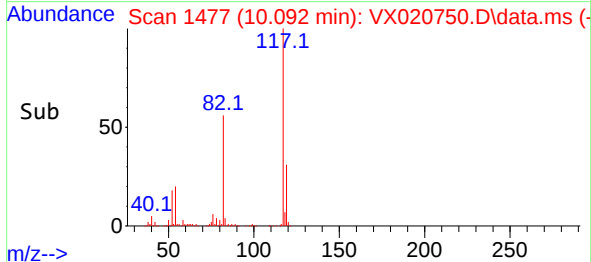
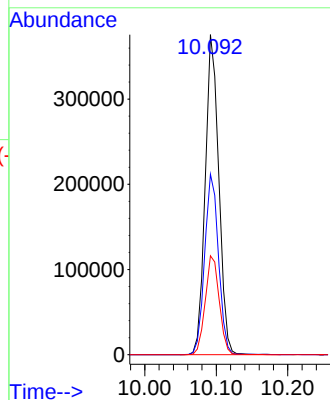
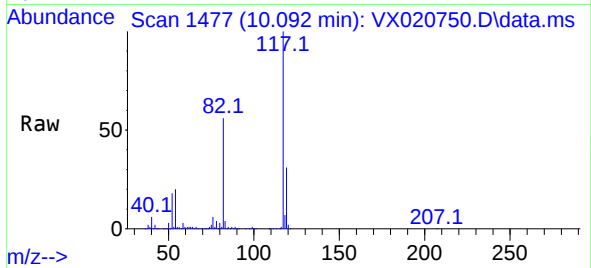




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020750.D
Acq: 26 Jan 2021 13:57

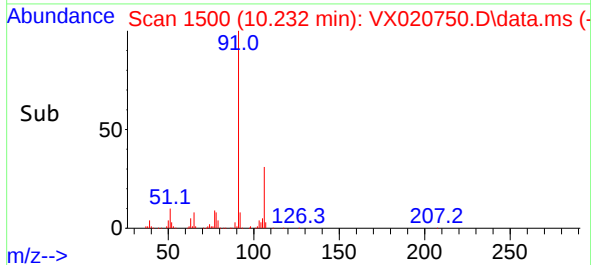
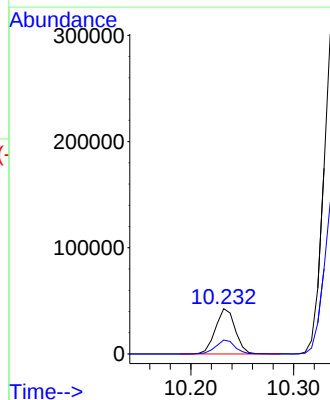
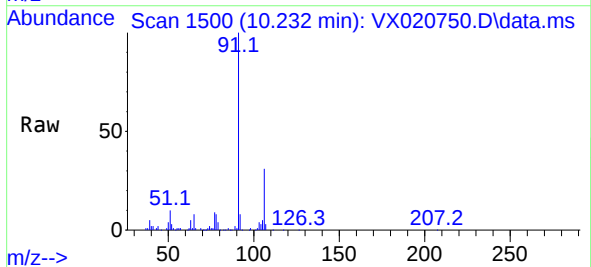
Instrument :
MSVOA_X
ClientSampleId :
41623DL

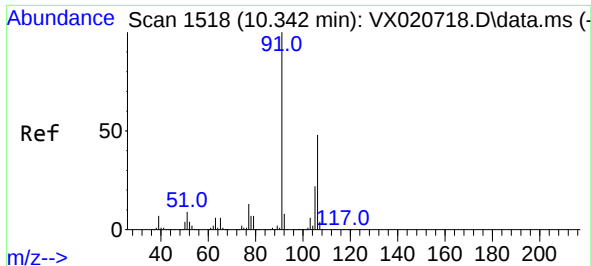
Tgt Ion:117 Resp: 495533
Ion Ratio Lower Upper
117 100
82 56.4 47.4 71.2
119 30.9 26.6 39.8



#67
Ethyl Benzene
Concen: 3.07 ug/l
RT: 10.232 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VX020750.D
Acq: 26 Jan 2021 13:57

Tgt Ion: 91 Resp: 57035
Ion Ratio Lower Upper
91 100
106 31.0 24.6 37.0

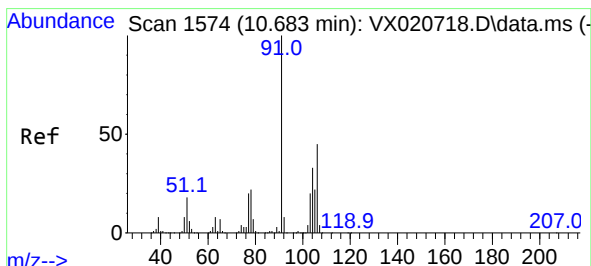
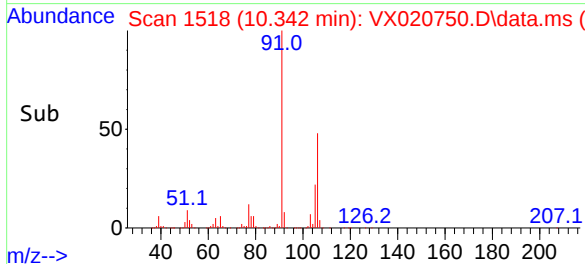
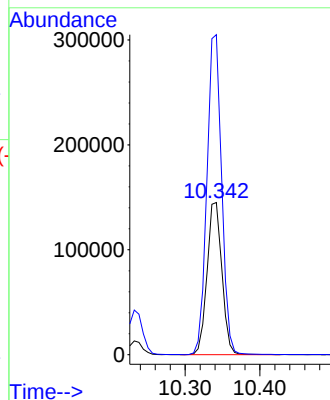
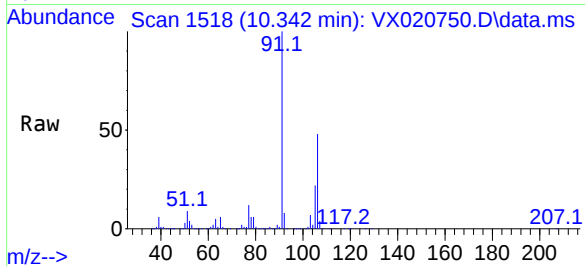




#68
m/p-Xylenes
Concen: 28.87 ug/l
RT: 10.342 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VX020750.D
Acq: 26 Jan 2021 13:57

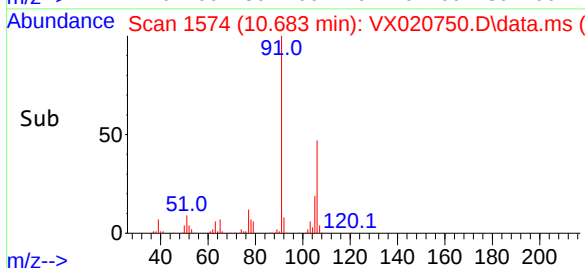
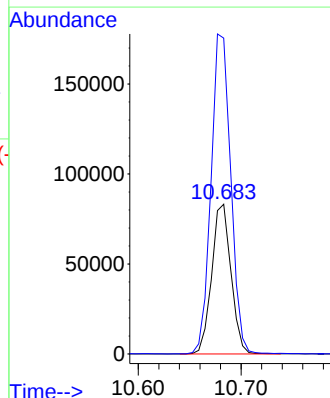
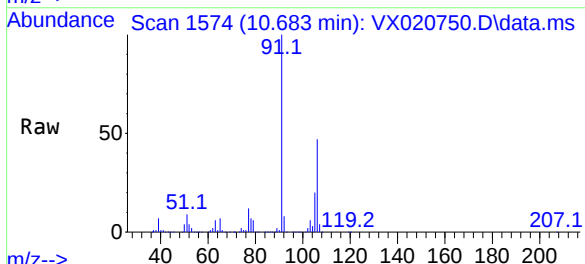
Instrument :
MSVOA_X
ClientSampleId :
41623DL

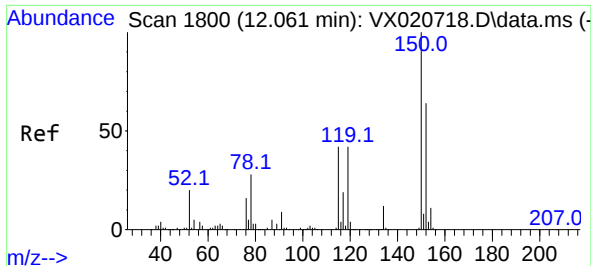
Tgt Ion:106 Resp: 200144
Ion Ratio Lower Upper
106 100
91 208.4 162.8 244.2



#69
o-Xylene
Concen: 16.60 ug/l
RT: 10.683 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VX020750.D
Acq: 26 Jan 2021 13:57

Tgt Ion:106 Resp: 108251
Ion Ratio Lower Upper
106 100
91 219.4 108.1 324.2

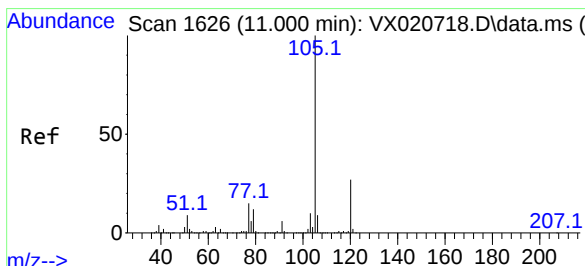
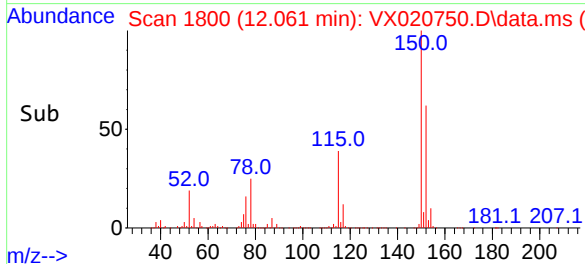
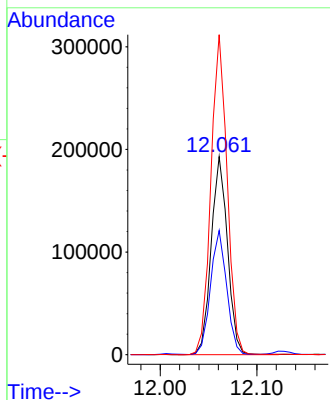
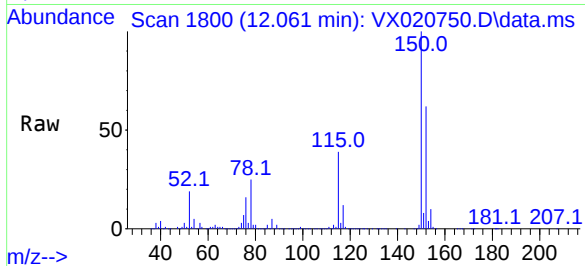




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020750.D
Acq: 26 Jan 2021 13:57

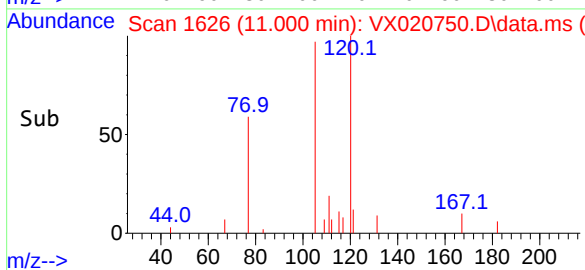
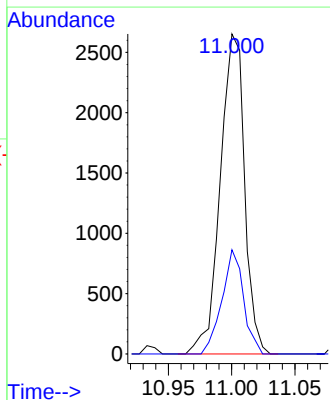
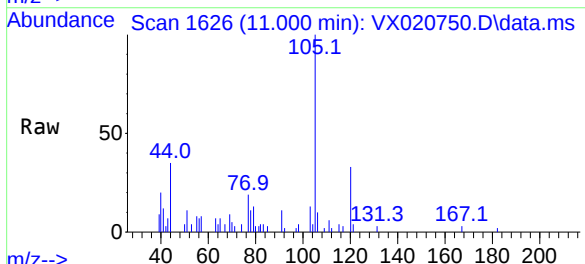
Instrument :
MSVOA_X
ClientSampleId :
41623DL

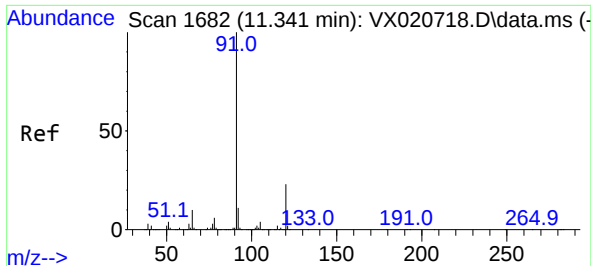
Tgt Ion:152 Resp: 226301
Ion Ratio Lower Upper
152 100
115 62.0 41.1 123.3
150 160.6 0.0 349.0



#73
Isopropylbenzene
Concen: 0.22 ug/l
RT: 11.000 min Scan# 1626
Delta R.T. 0.000 min
Lab File: VX020750.D
Acq: 26 Jan 2021 13:57

Tgt Ion:105 Resp: 3544
Ion Ratio Lower Upper
105 100
120 28.9 13.2 39.6

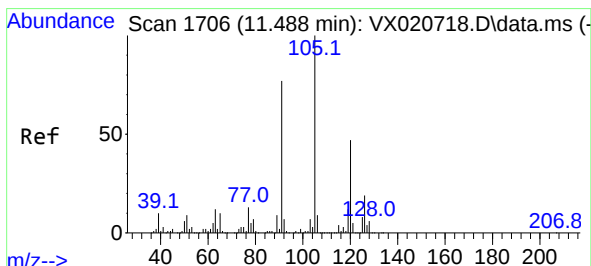
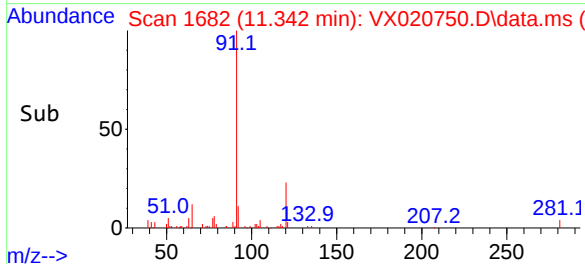
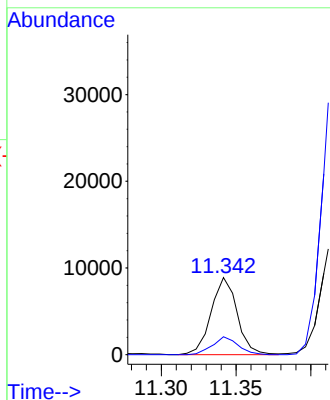
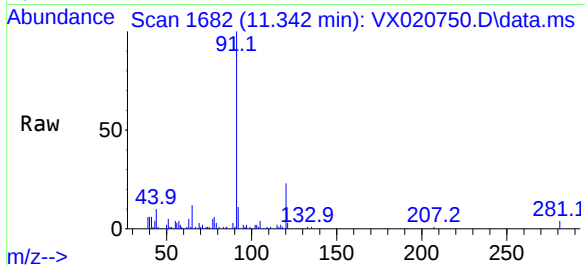




#78
n-propylbenzene
Concen: 0.57 ug/l
RT: 11.342 min Scan# 1682
Delta R.T. 0.001 min
Lab File: VX020750.D
Acq: 26 Jan 2021 13:57

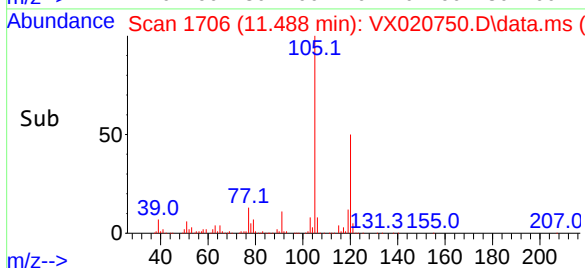
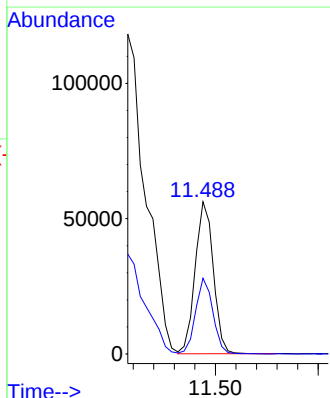
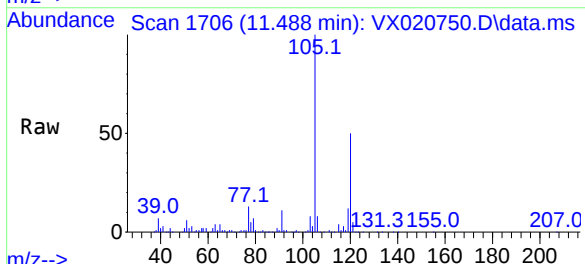
Instrument :
MSVOA_X
ClientSampleId :
41623DL

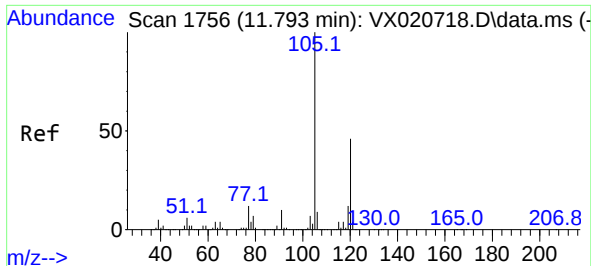
Tgt Ion: 91 Resp: 10805
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.5



#80
1,3,5-Trimethylbenzene
Concen: 4.95 ug/l
RT: 11.488 min Scan# 1706
Delta R.T. -0.000 min
Lab File: VX020750.D
Acq: 26 Jan 2021 13:57

Tgt Ion:105 Resp: 69212
Ion Ratio Lower Upper
105 100
120 47.5 23.8 71.5

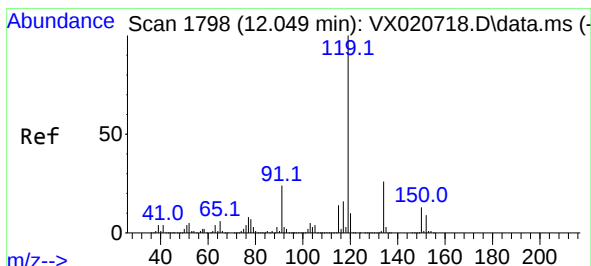
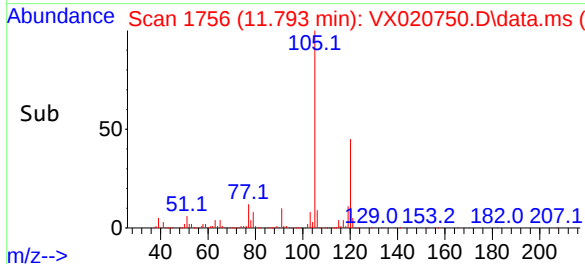
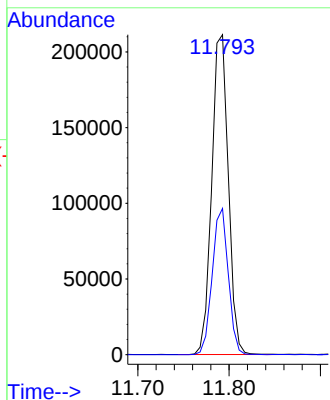
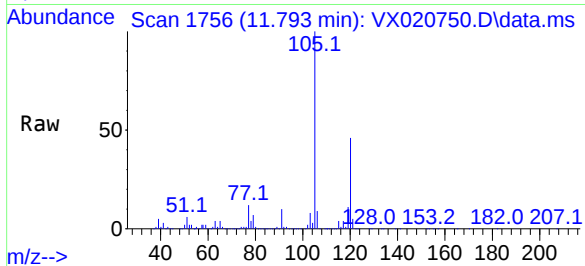




#84
1,2,4-Trimethylbenzene
Concen: 18.83 ug/l
RT: 11.793 min Scan# 1756
Delta R.T. -0.000 min
Lab File: VX020750.D
Acq: 26 Jan 2021 13:57

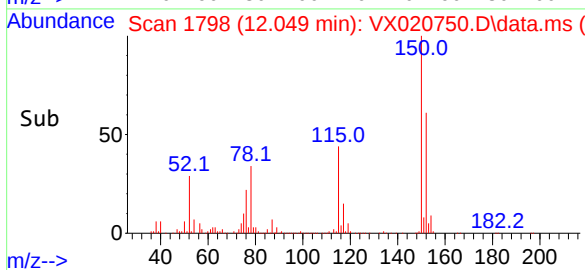
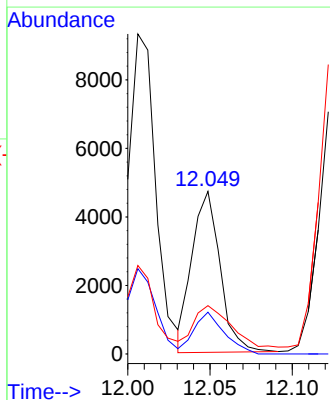
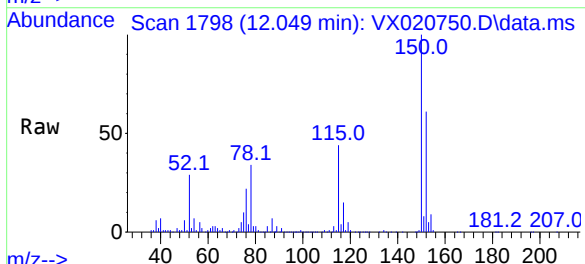
Instrument :
MSVOA_X
ClientSampleId :
41623DL

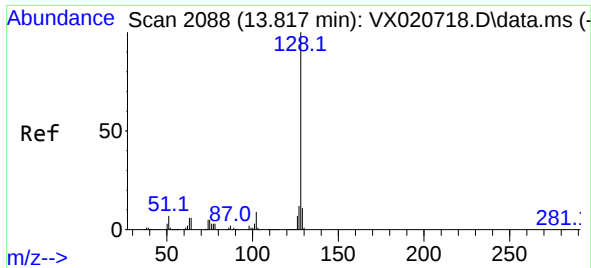
Tgt Ion:105 Resp: 265462
Ion Ratio Lower Upper
105 100
120 44.3 22.4 67.3



#86
p-Isopropyltoluene
Concen: 0.39 ug/l
RT: 12.049 min Scan# 1798
Delta R.T. -0.000 min
Lab File: VX020750.D
Acq: 26 Jan 2021 13:57

Tgt Ion:119 Resp: 5584
Ion Ratio Lower Upper
119 100
134 28.1 12.9 38.7
91 32.5 11.7 35.0





#95
Naphthalene
Concen: 7.76 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020750.D
Acq: 26 Jan 2021 13:57

Instrument :
MSVOA_X
ClientSampleId :
41623DL

Tgt Ion:	128	Resp:	90011
Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.3	15.5
129	11.3	8.8	13.2

