

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012621\
 Data File : VX020749.D
 Acq On : 26 Jan 2021 13:33
 Operator : JC/SP
 Sample : M1189-07 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 41108

Quant Time: Jan 26 14:39:22 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)

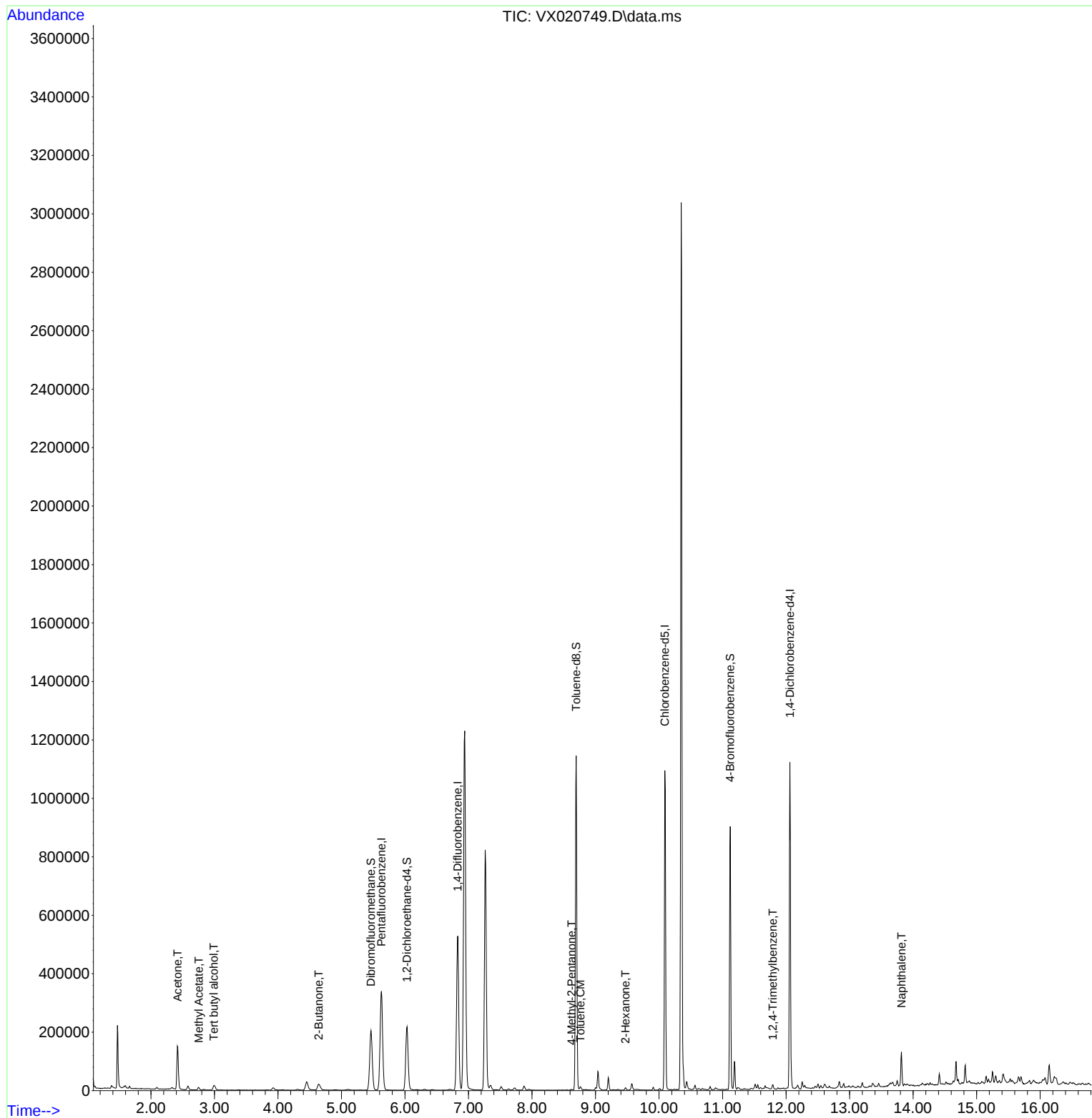
Internal Standards						
1) Pentafluorobenzene	5.629	168	312721	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	533974	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.091	117	509289	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	231933	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	210695	49.40	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.80%
35) Dibromofluoromethane	5.464	113	179463	49.07	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.14%
50) Toluene-d8	8.695	98	675647	50.39	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.78%
62) 4-Bromofluorobenzene	11.122	95	246736	47.38	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.76%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.989	59	12914	16.22	ug/l #	85
16) Acetone	2.416	43	157968	97.68	ug/l	99
18) Methyl Acetate	2.751	43	10944	2.65	ug/l	96
25) 2-Butanone	4.641	43	27724	10.94	ug/l	92
51) 4-Methyl-2-Pentanone	8.622	43	1633	0.32	ug/l	99
52) Toluene	8.762	92	3132	0.32	ug/l	96
59) 2-Hexanone	9.470	43	4322	1.14	ug/l	86
84) 1,2,4-Trimethylbenzene	11.792	105	5468	0.38	ug/l #	49
95) Naphthalene	13.816	128	69238	6.54	ug/l	99

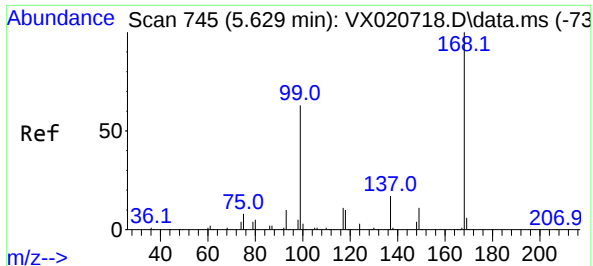
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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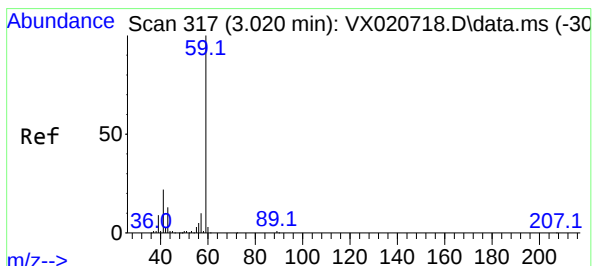
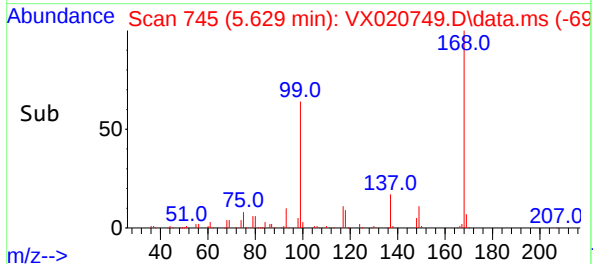
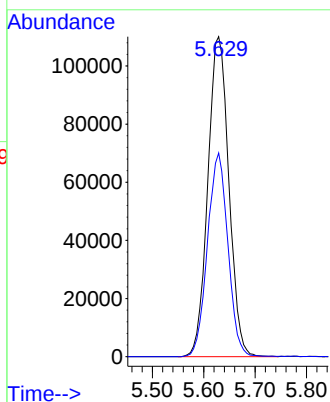
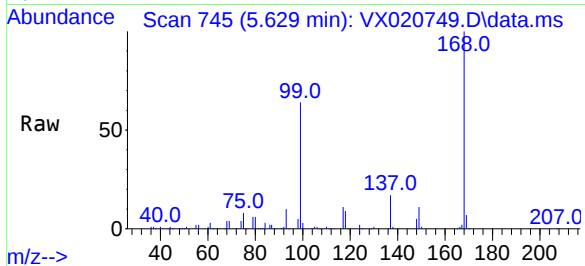




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX020749.D
Acq: 26 Jan 2021 13:33

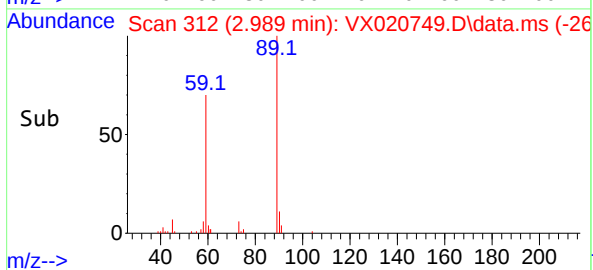
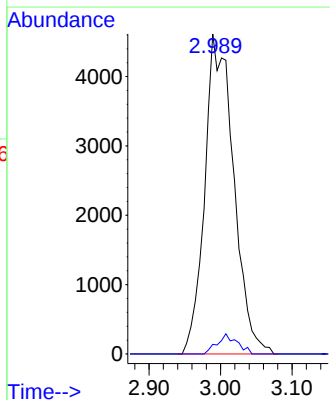
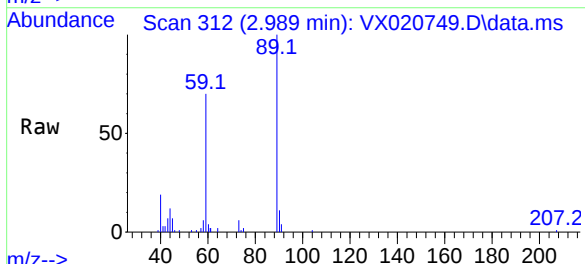
Instrument :
MSVOA_X
ClientSampleId :
41108

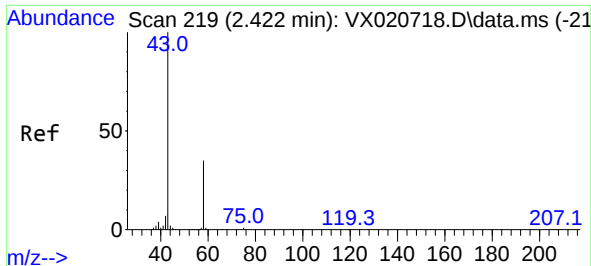
Tgt Ion:168 Resp: 312721
Ion Ratio Lower Upper
168 100
99 63.7 45.8 68.6



#11
Tert butyl alcohol
Concen: 16.22 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.031 min
Lab File: VX020749.D
Acq: 26 Jan 2021 13:33

Tgt Ion: 59 Resp: 12914
Ion Ratio Lower Upper
59 100
57 4.3 7.8 11.8#

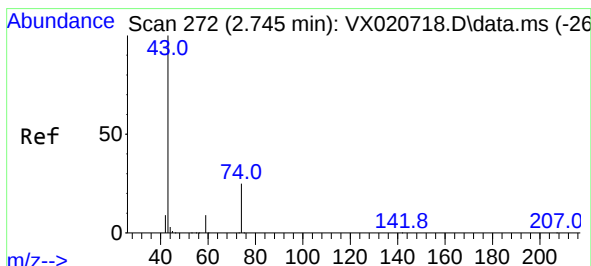
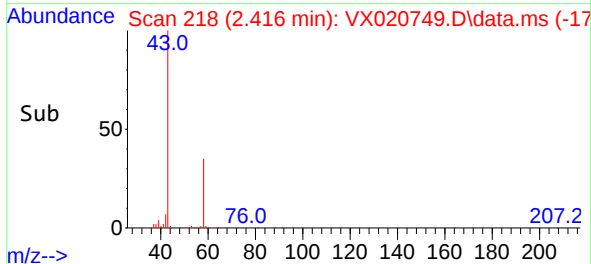
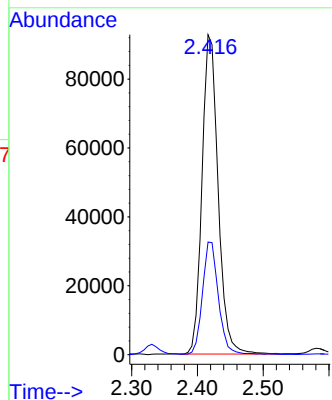
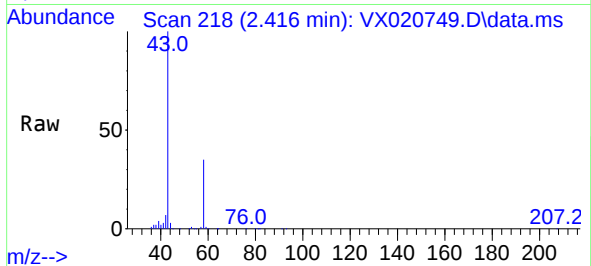




#16
Acetone
Concen: 97.68 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX020749.D
Acq: 26 Jan 2021 13:33

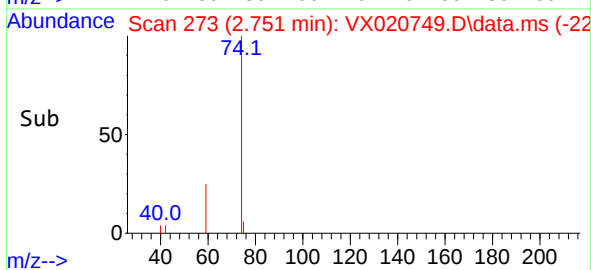
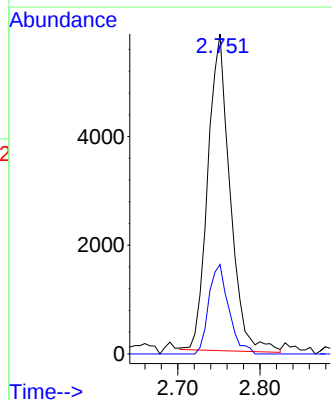
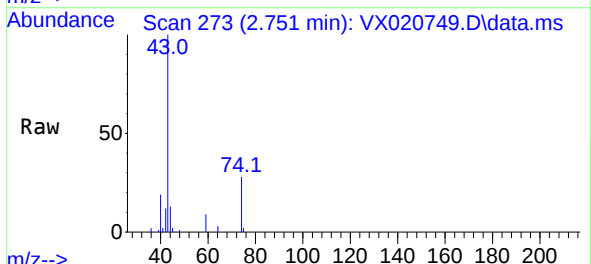
Instrument :
MSVOA_X
ClientSampleId :
41108

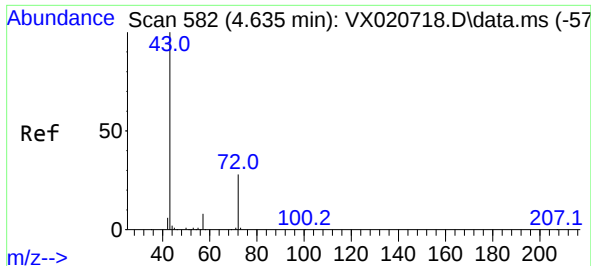
Tgt Ion: 43 Resp: 157968
Ion Ratio Lower Upper
43 100
58 35.2 27.8 41.8



#18
Methyl Acetate
Concen: 2.65 ug/l
RT: 2.751 min Scan# 273
Delta R.T. 0.006 min
Lab File: VX020749.D
Acq: 26 Jan 2021 13:33

Tgt Ion: 43 Resp: 10944
Ion Ratio Lower Upper
43 100
74 25.3 21.9 32.9

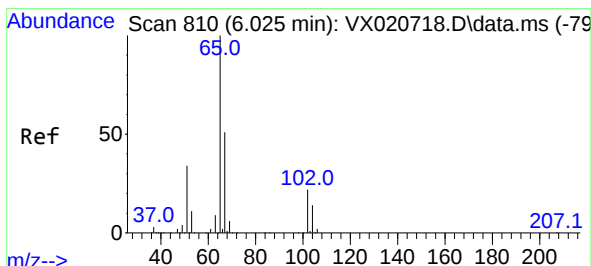
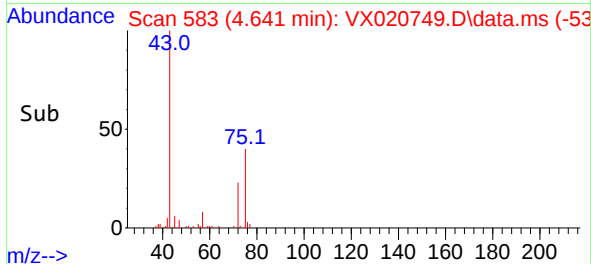
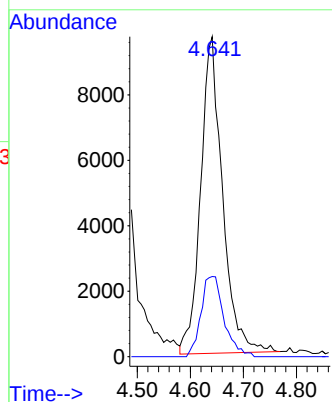
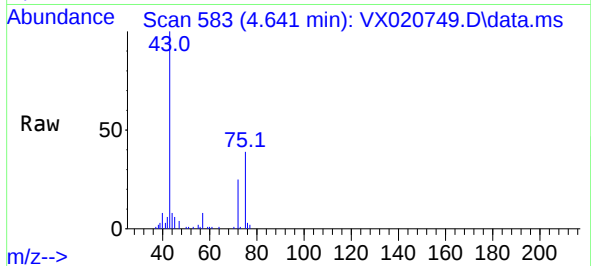




#25
2-Butanone
Concen: 10.94 ug/l
RT: 4.641 min Scan# 583
Delta R.T. 0.006 min
Lab File: VX020749.D
Acq: 26 Jan 2021 13:33

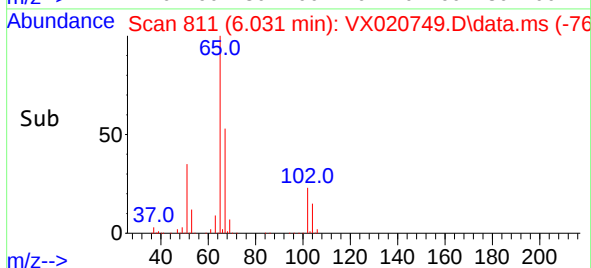
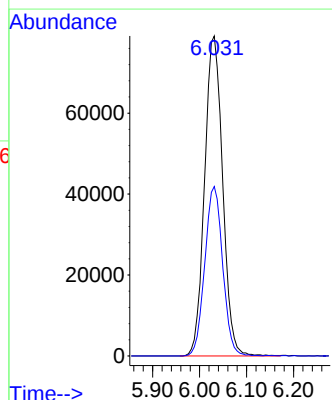
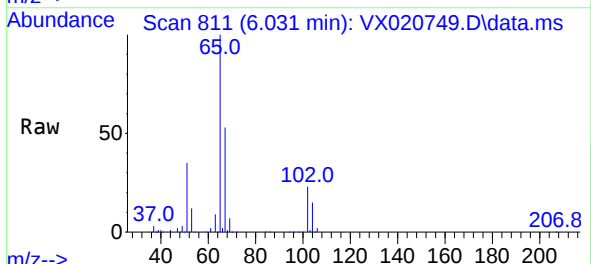
Instrument :
MSVOA_X
ClientSampled :
41108

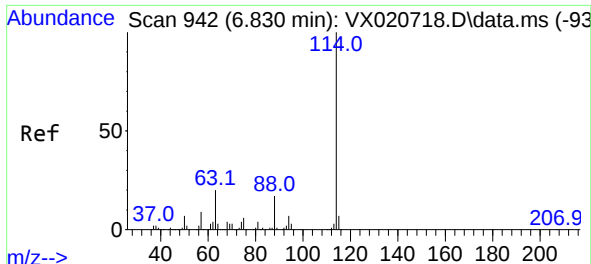
Tgt Ion: 43 Resp: 27724
Ion Ratio Lower Upper
43 100
72 25.5 23.7 35.5



#33
1,2-Dichloroethane-d4
Concen: 49.40 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020749.D
Acq: 26 Jan 2021 13:33

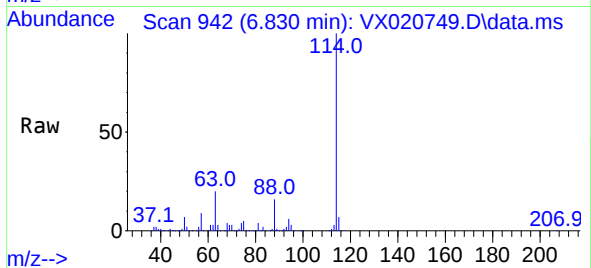
Tgt Ion: 65 Resp: 210695
Ion Ratio Lower Upper
65 100
67 52.5 0.0 105.4



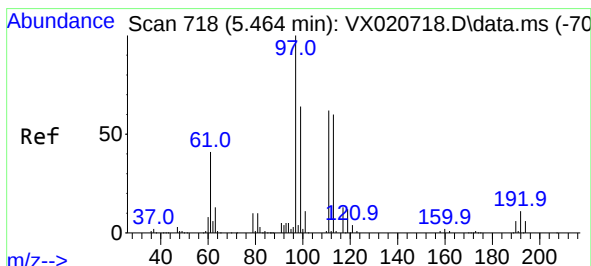
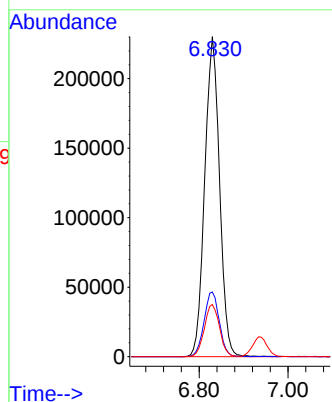
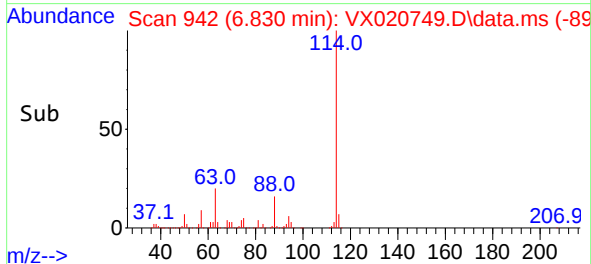


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. -0.000 min
Lab File: VX020749.D
Acq: 26 Jan 2021 13:33

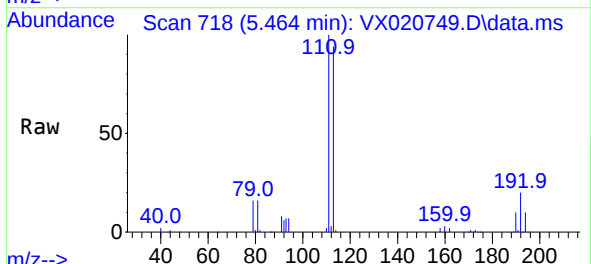
Instrument :
MSVOA_X
ClientSampleId :
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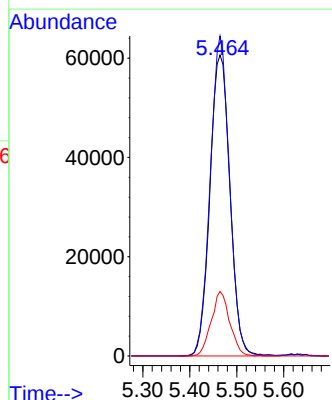
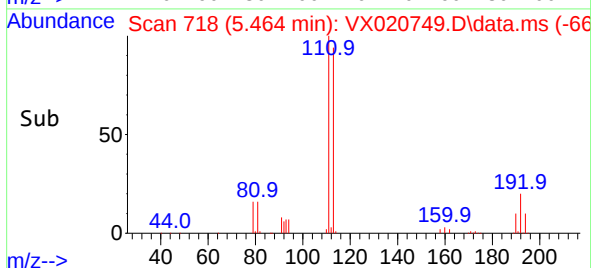
Tgt Ion:114 Resp: 533974
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.8
88 16.3 0.0 32.8

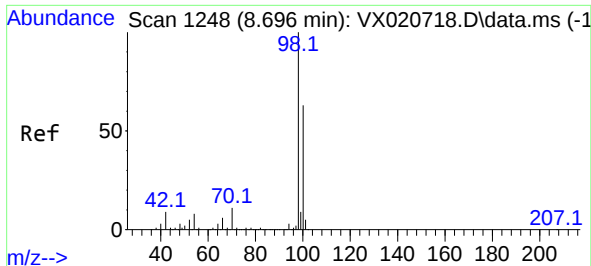


#35
Dibromofluoromethane
Concen: 49.07 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX020749.D
Acq: 26 Jan 2021 13:33



Tgt Ion:113 Resp: 179463
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 19.8 16.7 25.1

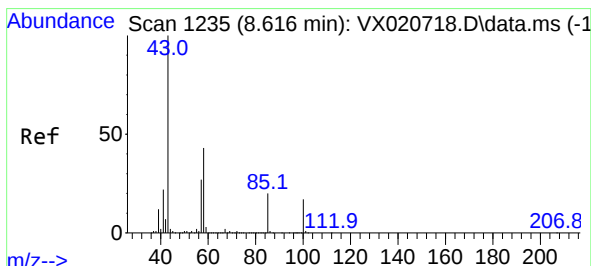
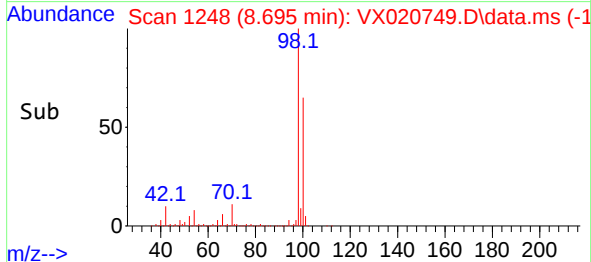
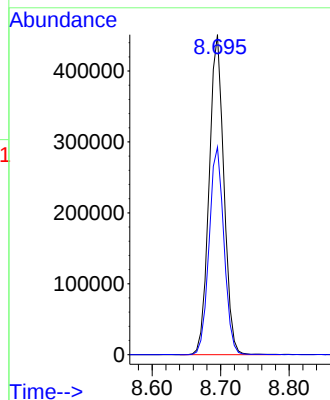
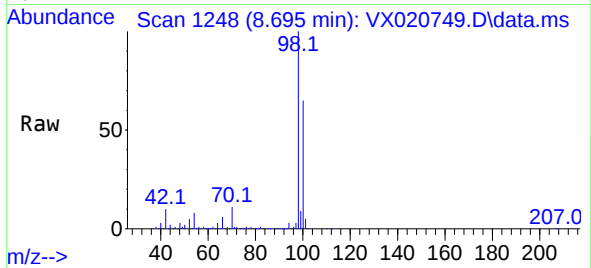




#50
Toluene-d8
Concen: 50.39 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. -0.001 min
Lab File: VX020749.D
Acq: 26 Jan 2021 13:33

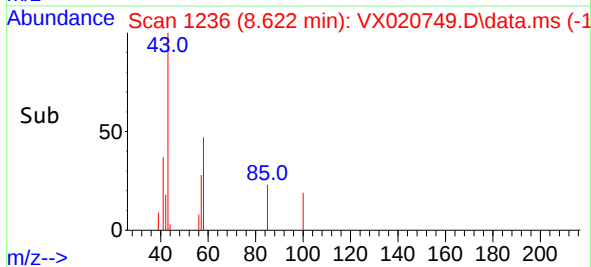
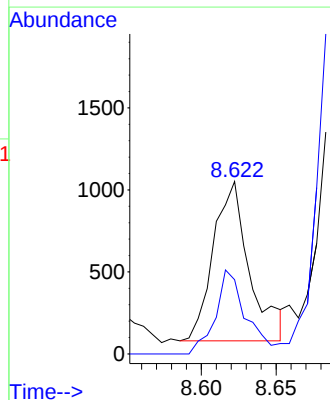
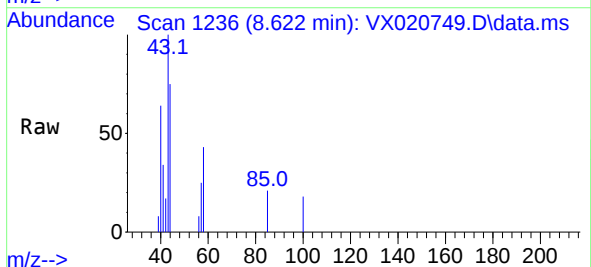
Instrument :
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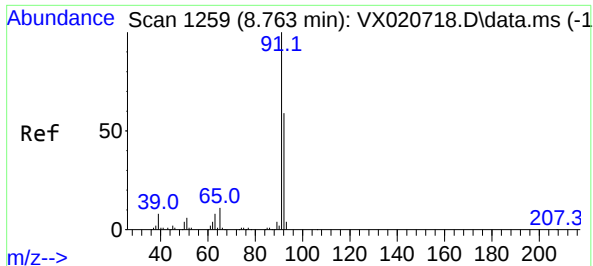
Tgt Ion: 98 Resp: 675647
Ion Ratio Lower Upper
98 100
100 65.2 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.32 ug/l
RT: 8.622 min Scan# 1236
Delta R.T. 0.006 min
Lab File: VX020749.D
Acq: 26 Jan 2021 13:33

Tgt Ion: 43 Resp: 1633
Ion Ratio Lower Upper
43 100
58 43.8 35.4 53.0

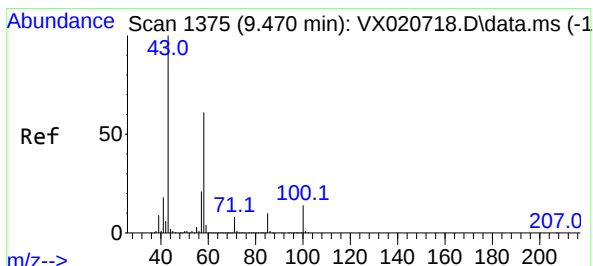
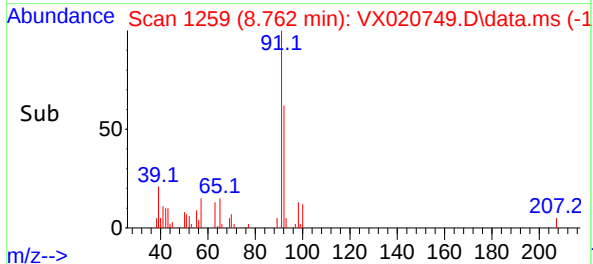
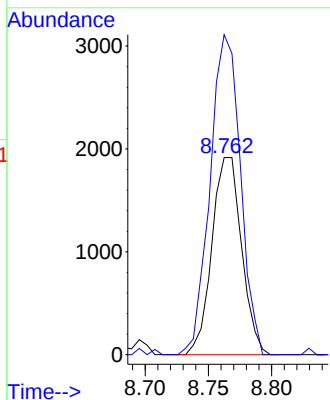
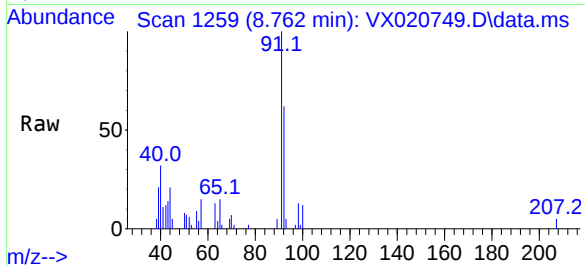




#52
Toluene
Concen: 0.32 ug/l
RT: 8.762 min Scan# 1259
Delta R.T. -0.001 min
Lab File: VX020749.D
Acq: 26 Jan 2021 13:33

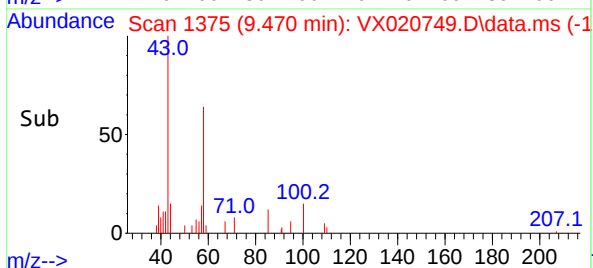
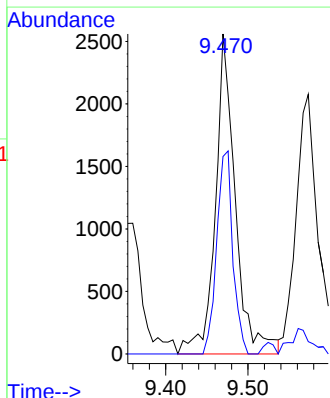
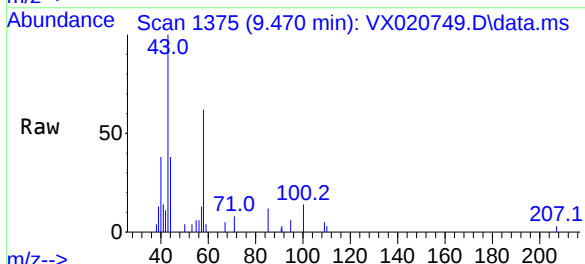
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ClientSampled :
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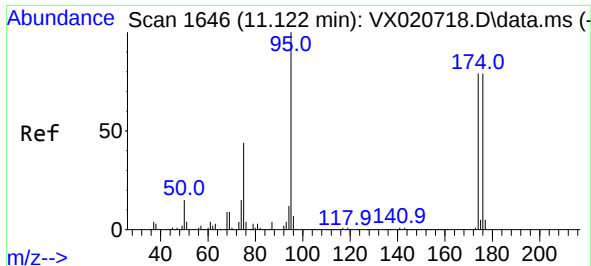
Tgt Ion: 92 Resp: 3132
Ion Ratio Lower Upper
92 100
91 165.8 137.1 205.7



#59
2-Hexanone
Concen: 1.14 ug/l
RT: 9.470 min Scan# 1375
Delta R.T. -0.000 min
Lab File: VX020749.D
Acq: 26 Jan 2021 13:33

Tgt Ion: 43 Resp: 4322
Ion Ratio Lower Upper
43 100
58 50.9 30.9 92.8

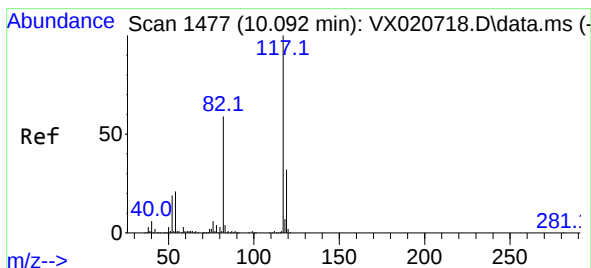
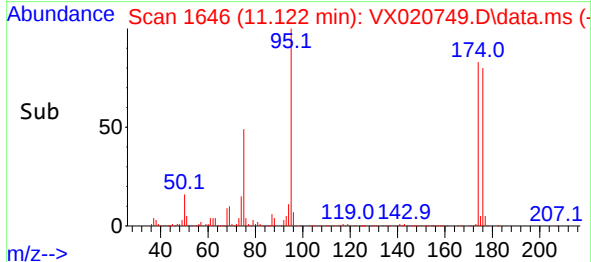
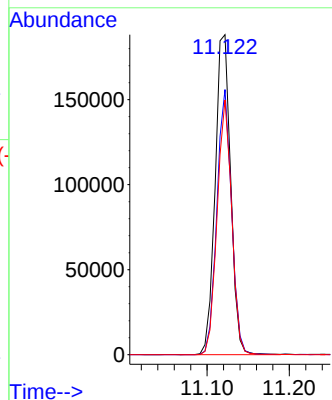
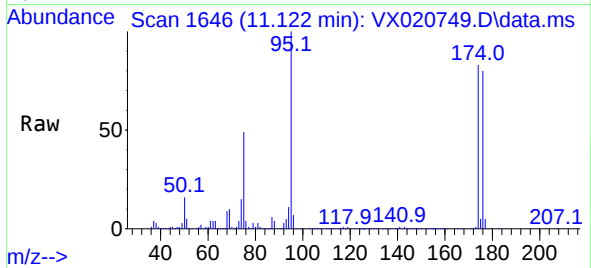




#62
4-Bromofluorobenzene
Concen: 47.38 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020749.D
Acq: 26 Jan 2021 13:33

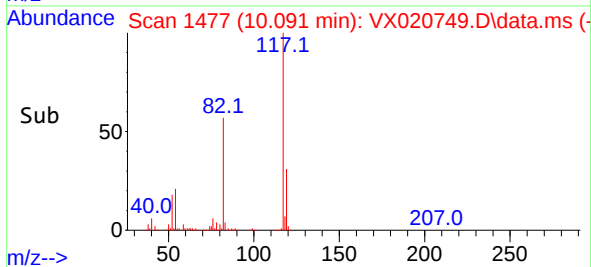
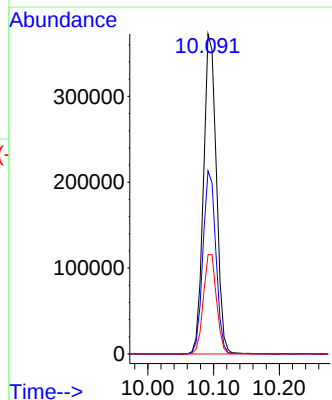
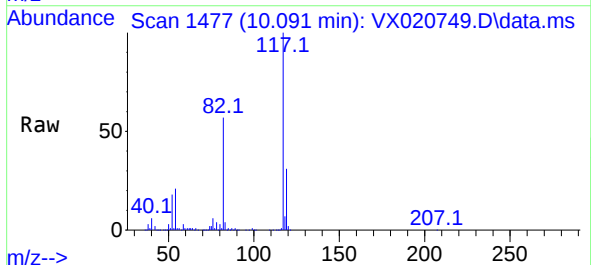
Instrument :
MSVOA_X
ClientSampleId :
41108

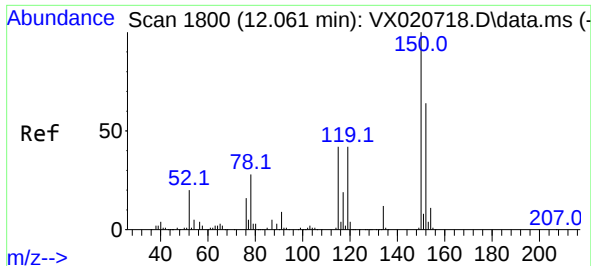
Tgt Ion: 95 Resp: 246736
Ion Ratio Lower Upper
95 100
174 78.4 0.0 154.6
176 74.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.091 min Scan# 1477
Delta R.T. -0.001 min
Lab File: VX020749.D
Acq: 26 Jan 2021 13:33

Tgt Ion: 117 Resp: 509289
Ion Ratio Lower Upper
117 100
82 57.2 47.4 71.2
119 31.0 26.6 39.8

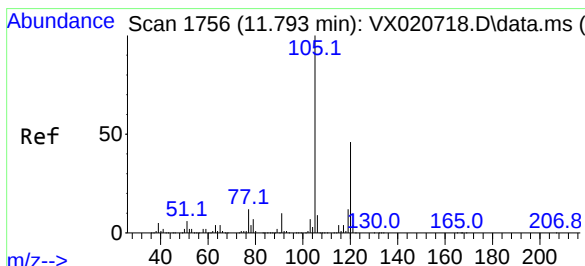
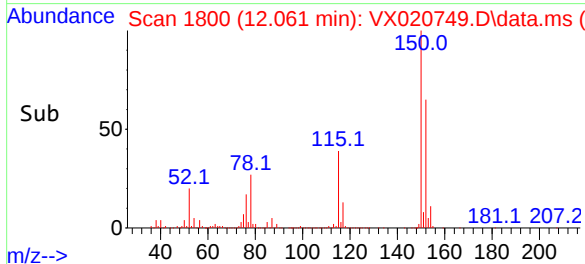
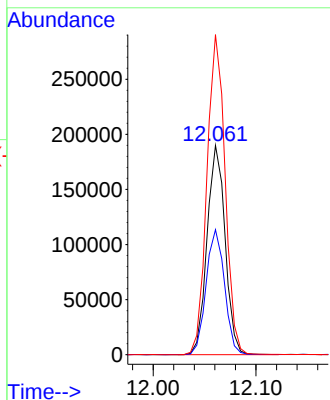
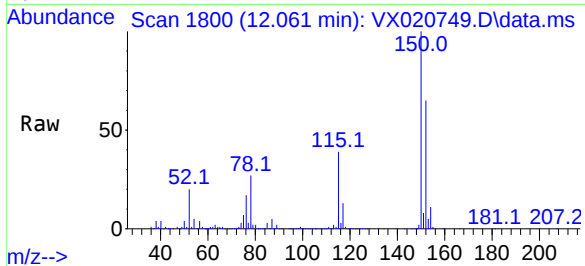




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020749.D
Acq: 26 Jan 2021 13:33

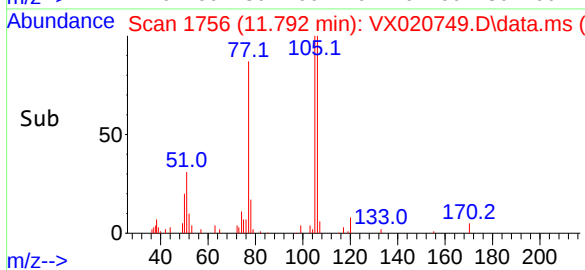
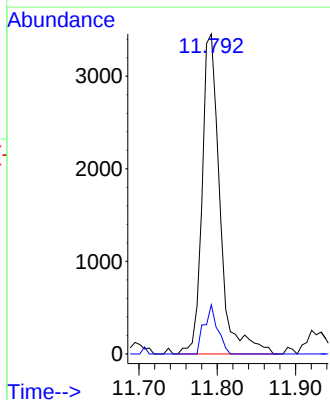
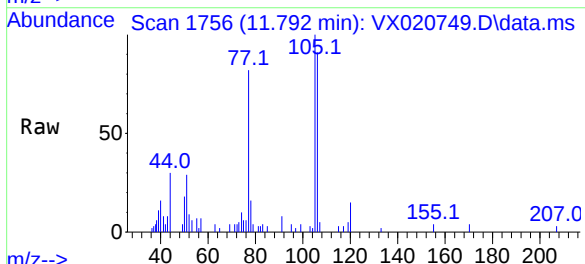
Instrument :
MSVOA_X
ClientSampleId :
41108

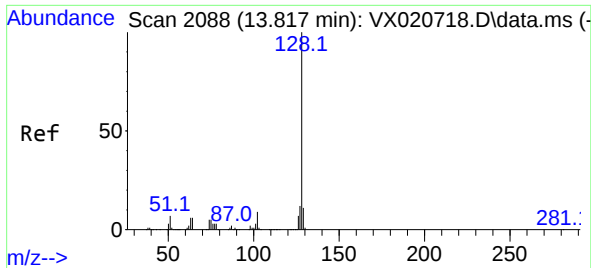
Tgt Ion:152 Resp: 231933
Ion Ratio Lower Upper
152 100
115 60.7 41.1 123.3
150 153.9 0.0 349.0



#84
1,2,4-Trimethylbenzene
Concen: 0.38 ug/l
RT: 11.792 min Scan# 1756
Delta R.T. -0.001 min
Lab File: VX020749.D
Acq: 26 Jan 2021 13:33

Tgt Ion:105 Resp: 5468
Ion Ratio Lower Upper
105 100
120 11.5 22.4 67.3#





#95
Naphthalene
Concen: 6.54 ug/l
RT: 13.816 min Scan# 2088
Delta R.T. -0.001 min
Lab File: VX020749.D
Acq: 26 Jan 2021 13:33

Instrument :
MSVOA_X
ClientSampleId :
41108

Tgt Ion:128 Resp: 69238
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 10.9 8.8 13.2

