

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012721\
 Data File : VX020778.D
 Acq On : 27 Jan 2021 18:24
 Operator : JC/SP
 Sample : M1217-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 1674-1685

Quant Time: Jan 28 00:46:24 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)

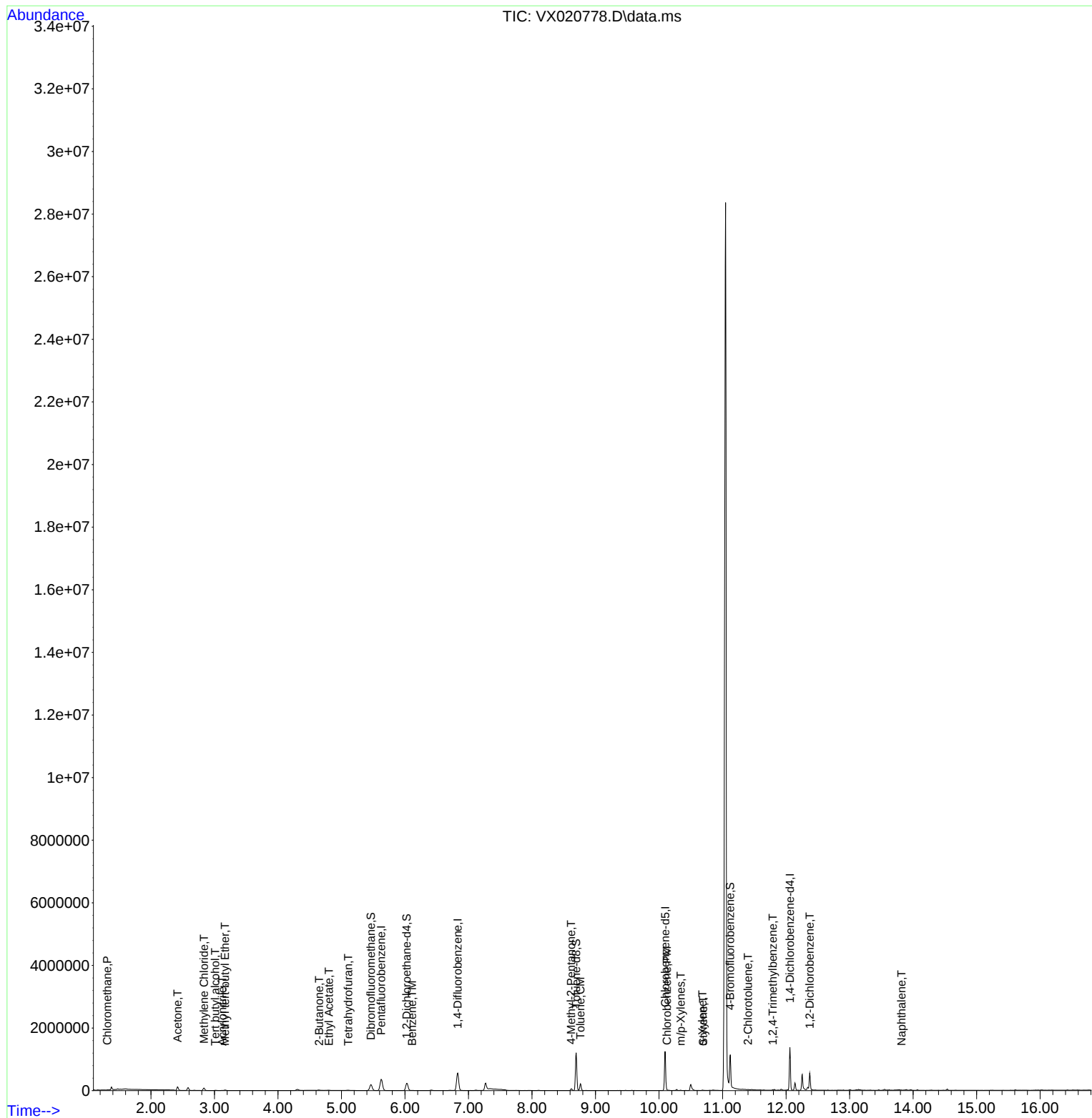
Internal Standards						
1) Pentafluorobenzene	5.623	168	337271	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	579412	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	568137	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	275536	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	229239	49.83	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.66%
35) Dibromofluoromethane	5.464	113	164532	41.46	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	82.92%
50) Toluene-d8	8.695	98	727634	50.01	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	100.02%
62) 4-Bromofluorobenzene	11.122	95	273904	48.47	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.94%
Target Compounds						
					Qvalue	
3) Chloromethane	1.313	50	2210	0.47	ug/l	96
11) Tert butyl alcohol	3.013	59	9135	10.64	ug/l #	88
15) Acrylonitrile	3.123	53	3295	1.52	ug/l	91
16) Acetone	2.416	43	119005	68.23	ug/l	99
19) Methyl tert-butyl Ether	3.166	73	19344	1.60	ug/l	97
20) Methylene Chloride	2.837	84	37288	8.47	ug/l	98
25) 2-Butanone	4.647	43	15721	5.75	ug/l	100
29) Tetrahydrofuran	5.105	42	9679	5.50	ug/l #	89
37) Ethyl Acetate	4.800	43	12800	2.32	ug/l #	92
40) Benzene	6.111	78	7026	0.41	ug/l	95
51) 4-Methyl-2-Pentanone	8.616	43	33377	6.02	ug/l	98
52) Toluene	8.762	92	81794	7.60	ug/l	99
65) Chlorobenzene	10.122	112	3388	0.28	ug/l	98
68) m/p-Xylenes	10.341	106	2947	0.37	ug/l	98
69) o-Xylene	10.683	106	1891	0.25	ug/l	97
70) Styrene	10.695	104	2582	0.20	ug/l	94
79) 2-Chlorotoluene	11.402	91	3505	0.25	ug/l	90
84) 1,2,4-Trimethylbenzene	11.792	105	5643	0.33	ug/l	100
91) 1,2-Dichlorobenzene	12.372	146	166292	18.79	ug/l	98
95) Naphthalene	13.816	128	4187	3.06	ug/l #	94

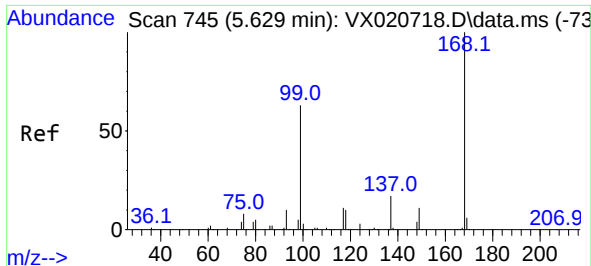
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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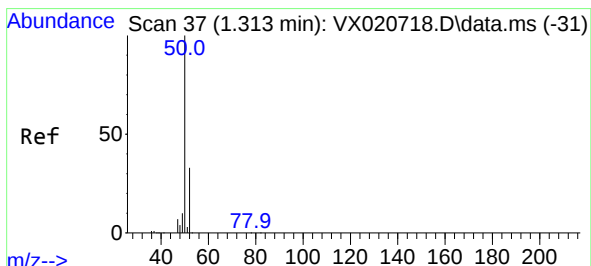
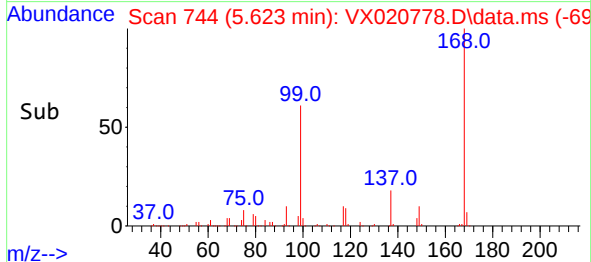
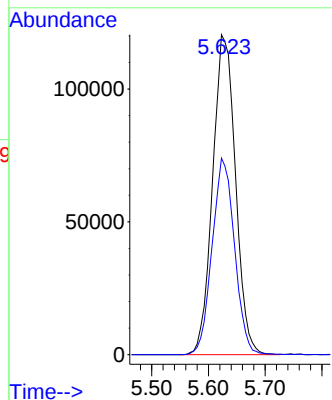
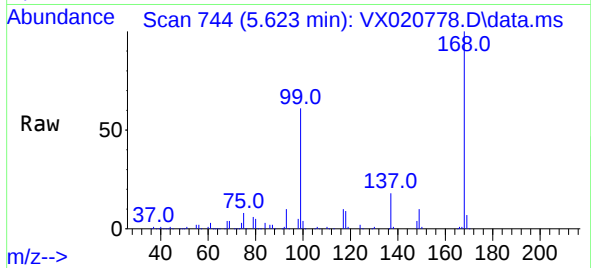




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.006 min
Lab File: VX020778.D
Acq: 27 Jan 2021 18:24

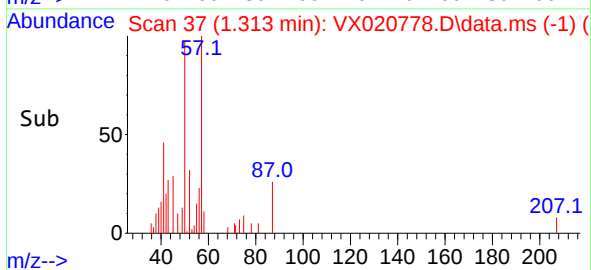
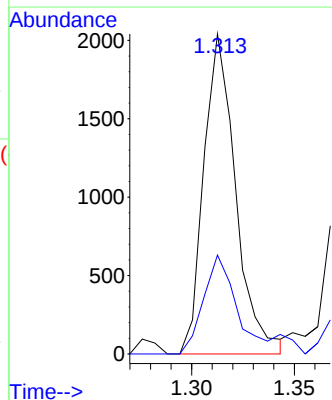
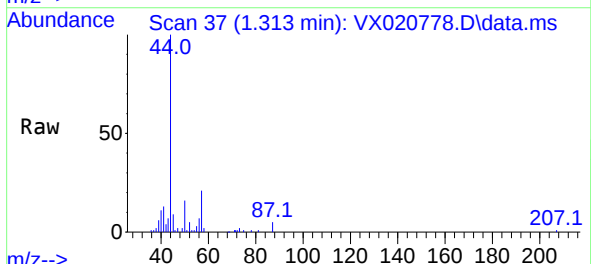
Instrument :
MSVOA_X
ClientSampleId :
1674-1685

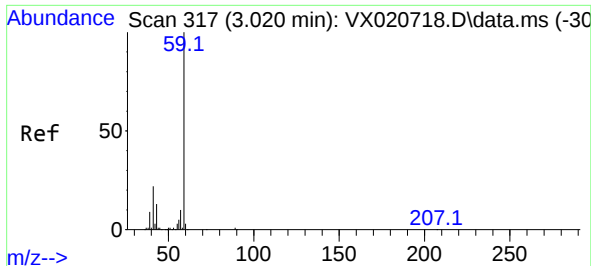
Tgt Ion:168 Resp: 337271
Ion Ratio Lower Upper
168 100
99 61.4 45.8 68.6



#3
Chloromethane
Concen: 0.47 ug/l
RT: 1.313 min Scan# 37
Delta R.T. -0.000 min
Lab File: VX020778.D
Acq: 27 Jan 2021 18:24

Tgt Ion: 50 Resp: 2210
Ion Ratio Lower Upper
50 100
52 30.9 26.4 39.6



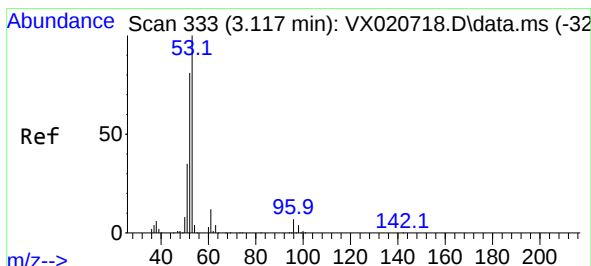
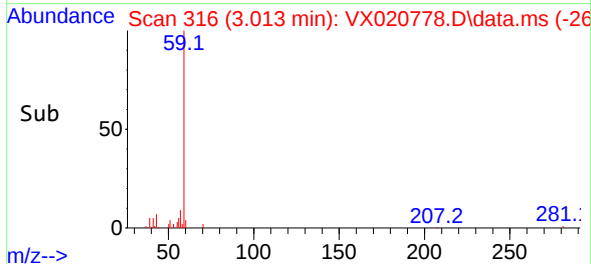
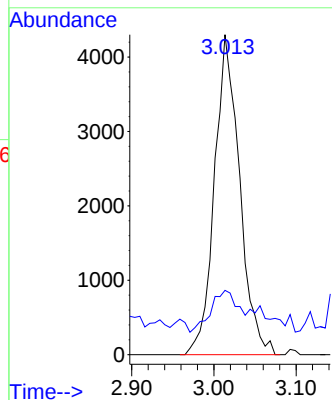
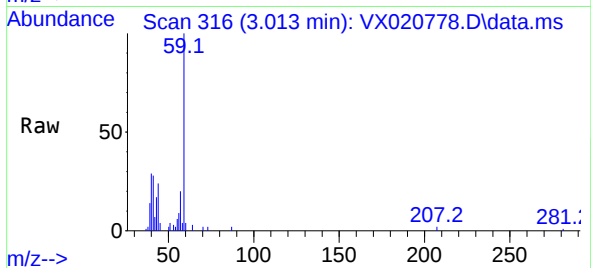


#11

Tert butyl alcohol
Concen: 10.64 ug/l
RT: 3.013 min Scan# 316
Delta R.T. -0.007 min
Lab File: VX020778.D
Acq: 27 Jan 2021 18:24

Instrument :
MSVOA_X
ClientSampleId :
1674-1685

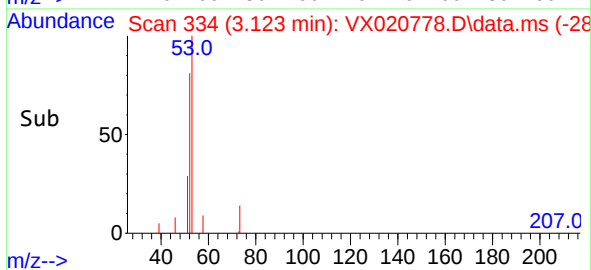
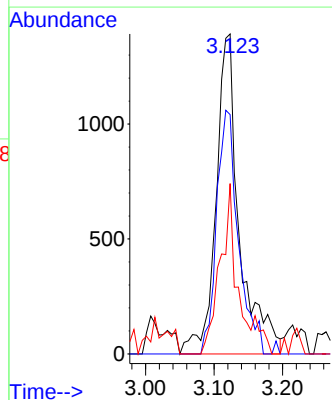
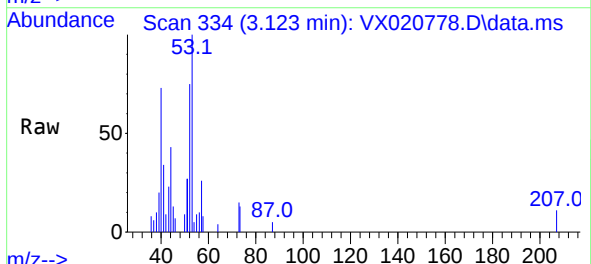
Tgt Ion: 59 Resp: 9135
Ion Ratio Lower Upper
59 100
57 14.3 7.8 11.8#

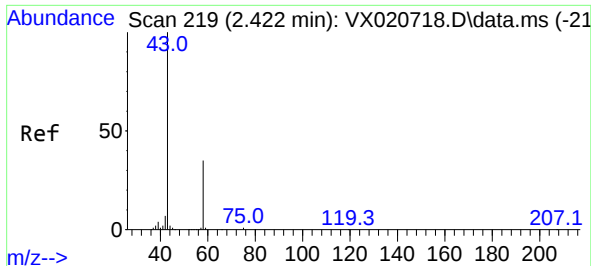


#15

Acrylonitrile
Concen: 1.52 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.006 min
Lab File: VX020778.D
Acq: 27 Jan 2021 18:24

Tgt Ion: 53 Resp: 3295
Ion Ratio Lower Upper
53 100
52 70.5 65.3 97.9
51 36.6 28.2 42.2

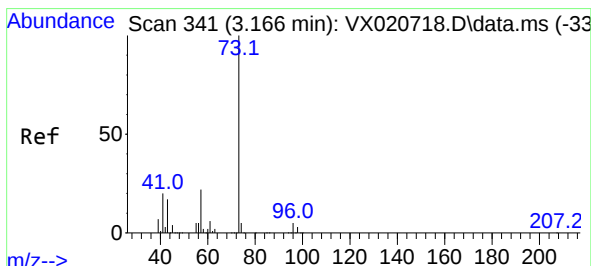
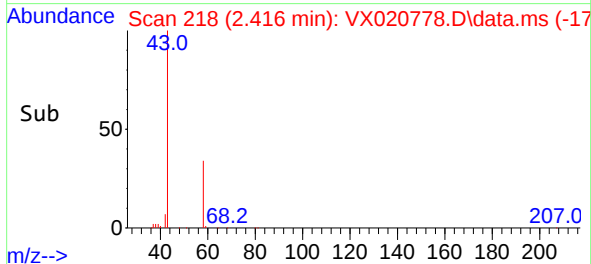
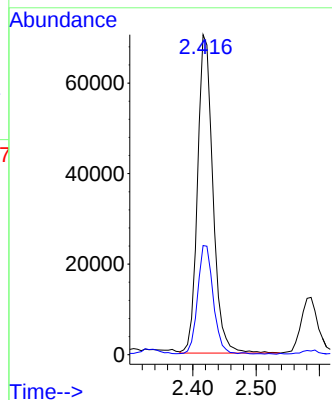
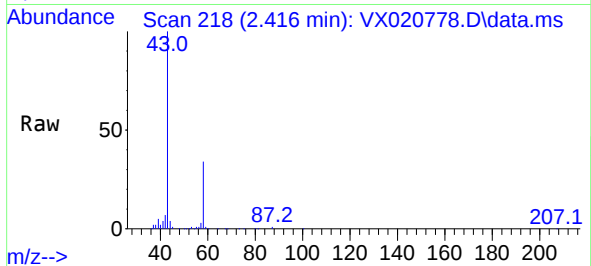




#16
Acetone
Concen: 68.23 ug/l
RT: 2.416 min Scan# 218
Delta R.T. -0.006 min
Lab File: VX020778.D
Acq: 27 Jan 2021 18:24

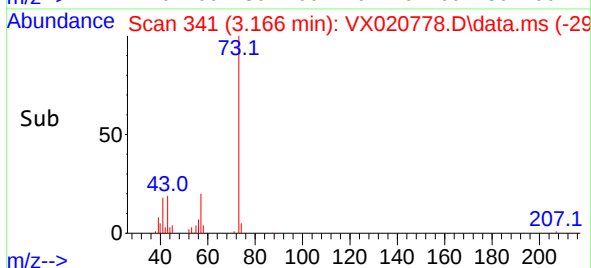
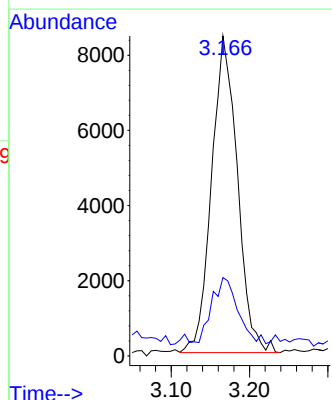
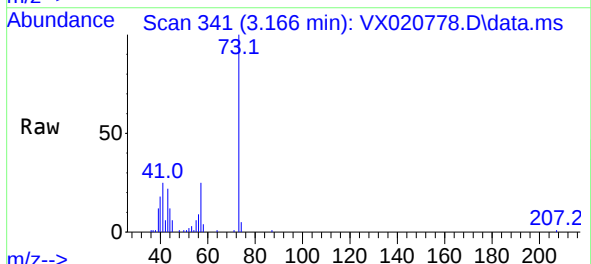
Instrument :
MSVOA_X
ClientSampleId :
1674-1685

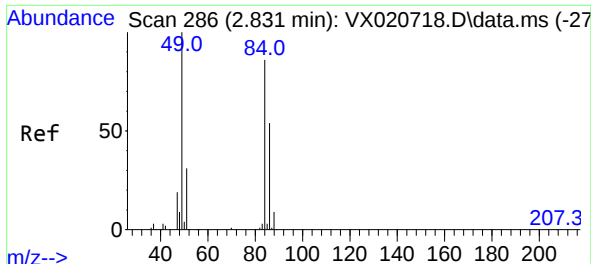
Tgt Ion: 43 Resp: 119005
Ion Ratio Lower Upper
43 100
58 33.9 27.8 41.8



#19
Methyl tert-butyl Ether
Concen: 1.60 ug/l
RT: 3.166 min Scan# 341
Delta R.T. -0.000 min
Lab File: VX020778.D
Acq: 27 Jan 2021 18:24

Tgt Ion: 73 Resp: 19344
Ion Ratio Lower Upper
73 100
57 20.2 17.1 25.7



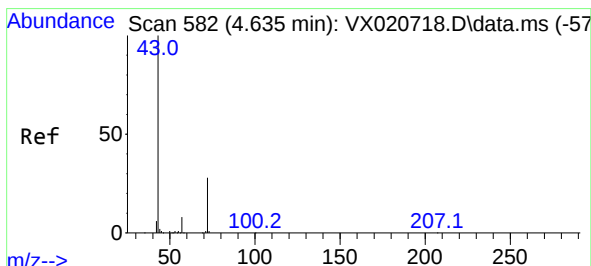
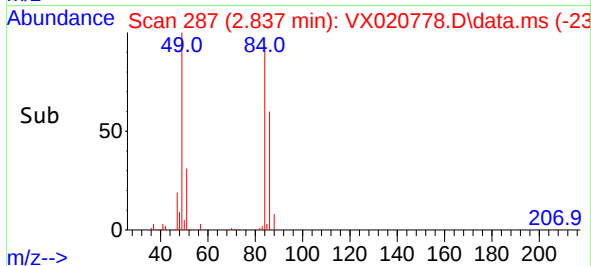
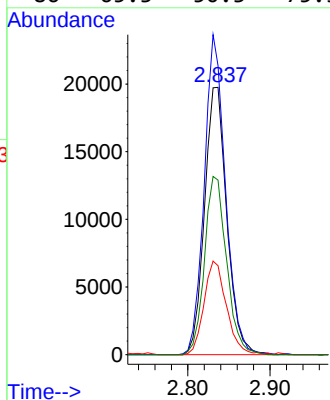
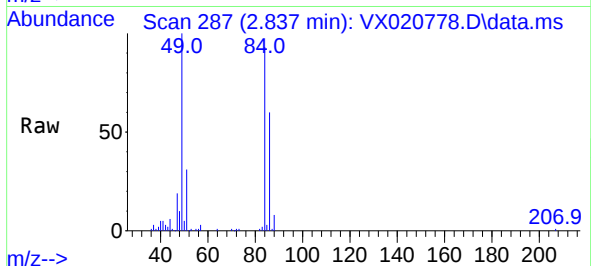


#20
Methylene Chloride
Concen: 8.47 ug/l
RT: 2.837 min Scan# 287
Delta R.T. 0.006 min
Lab File: VX020778.D
Acq: 27 Jan 2021 18:24

Instrument :
MSVOA_X
ClientSampleId :
1674-1685

Tgt Ion: 84 Resp: 37288

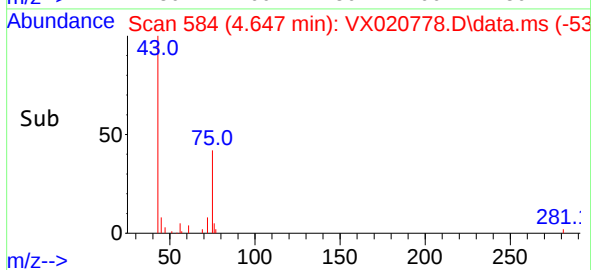
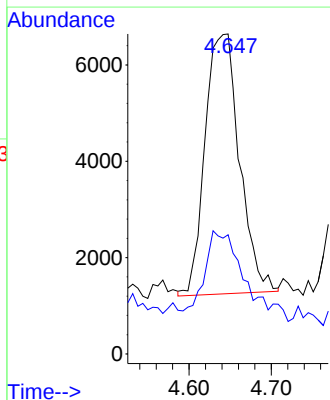
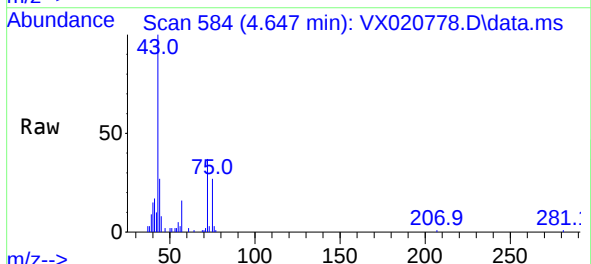
Ion	Ratio	Lower	Upper
84	100		
49	108.1	88.6	132.8
51	33.3	27.0	40.6
86	65.3	50.3	75.5

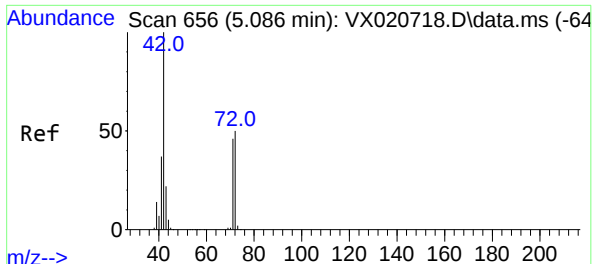


#25
2-Butanone
Concen: 5.75 ug/l
RT: 4.647 min Scan# 584
Delta R.T. 0.012 min
Lab File: VX020778.D
Acq: 27 Jan 2021 18:24

Tgt Ion: 43 Resp: 15721

Ion	Ratio	Lower	Upper
43	100		
72	29.4	23.7	35.5





#29

Tetrahydrofuran

Concen: 5.50 ug/l

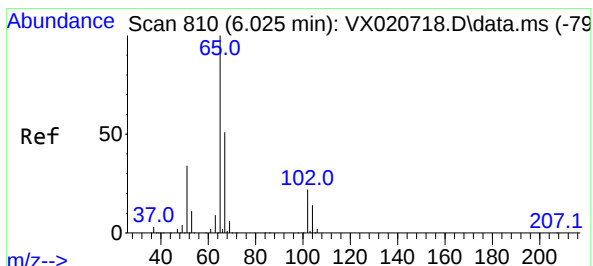
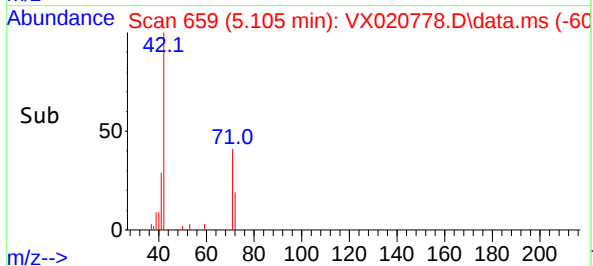
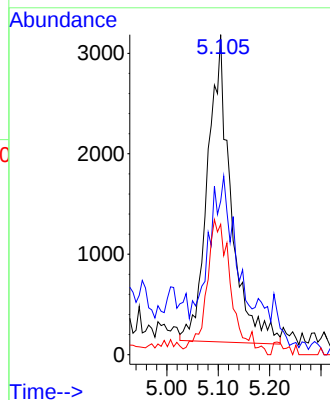
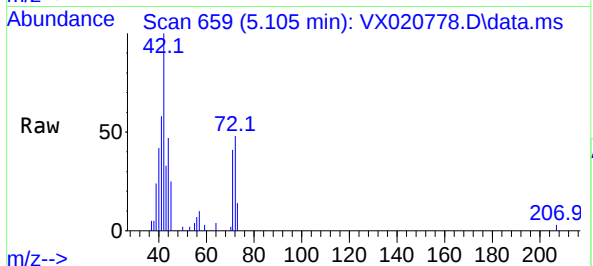
RT: 5.105 min Scan# 659

Delta R.T. 0.019 min

Lab File: VX020778.D

Acq: 27 Jan 2021 18:24

Tgt Ion:	42	Resp:	9679
Ion	Ratio	Lower	Upper
42	100		
72	39.1	41.7	62.5#
71	46.4	38.4	57.6



#33

1,2-Dichloroethane-d4

Concen: 49.83 ug/l

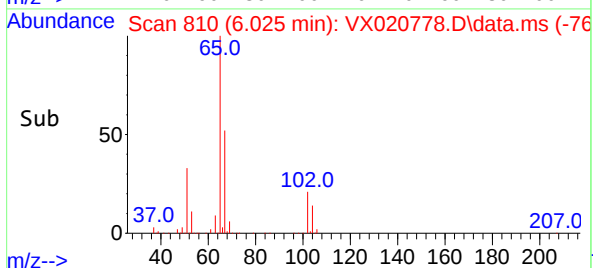
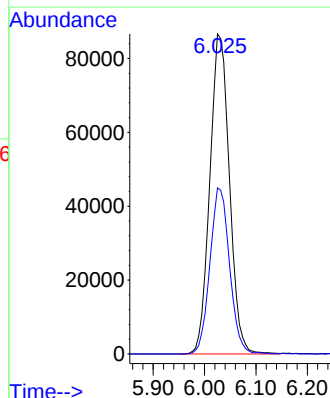
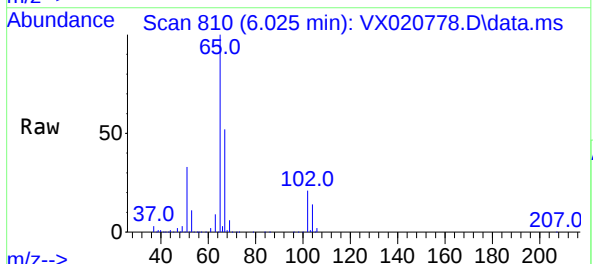
RT: 6.025 min Scan# 810

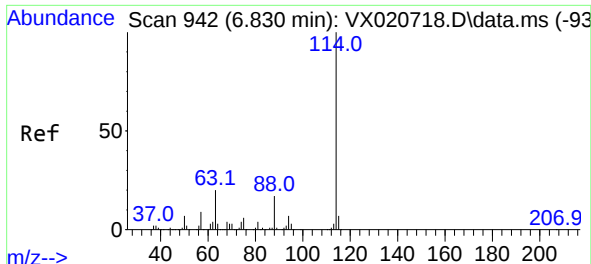
Delta R.T. 0.000 min

Lab File: VX020778.D

Acq: 27 Jan 2021 18:24

Tgt Ion:	65	Resp:	229239
Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	105.4

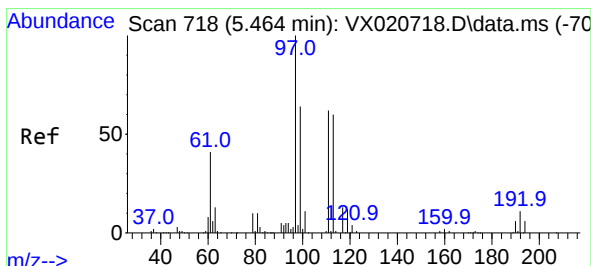
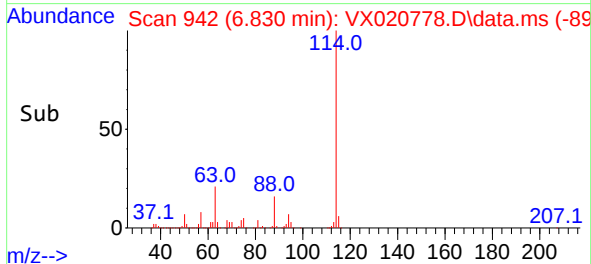
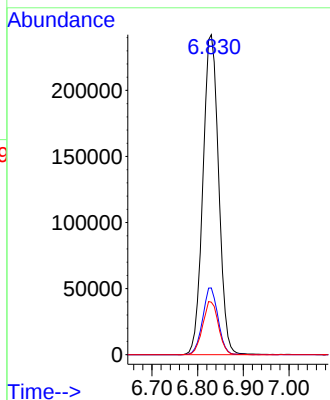
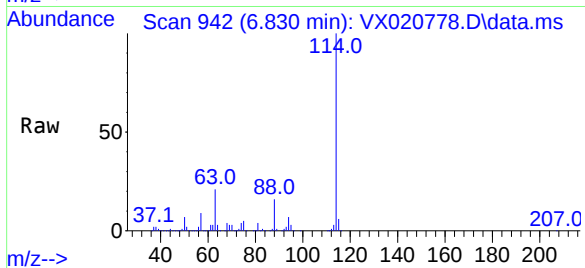




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. -0.000 min
Lab File: VX020778.D
Acq: 27 Jan 2021 18:24

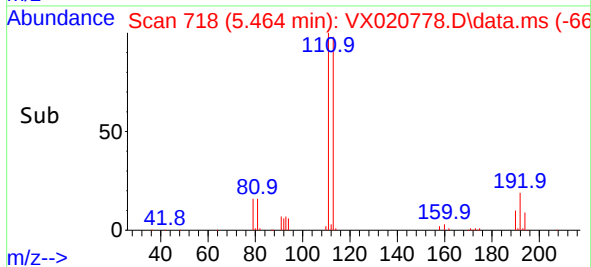
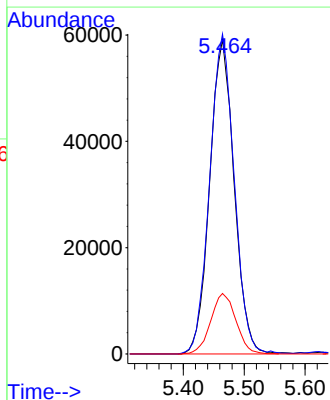
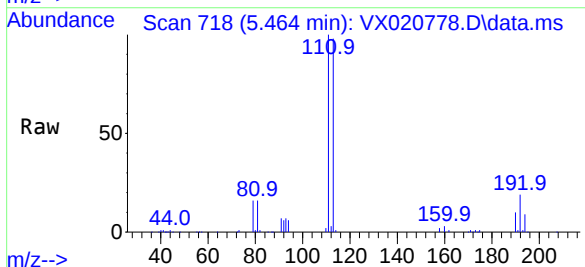
Instrument :
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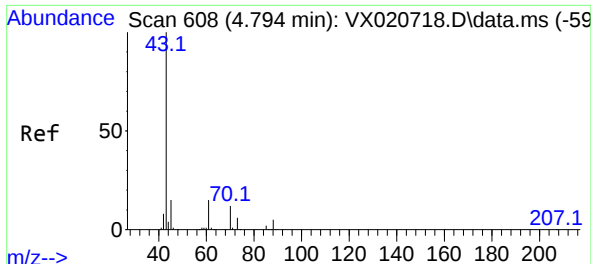
Tgt Ion:114 Resp: 579412
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.8
88 16.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 41.46 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX020778.D
Acq: 27 Jan 2021 18:24

Tgt Ion:113 Resp: 164532
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 19.9 16.7 25.1





#37

Ethyl Acetate

Concen: 2.32 ug/l

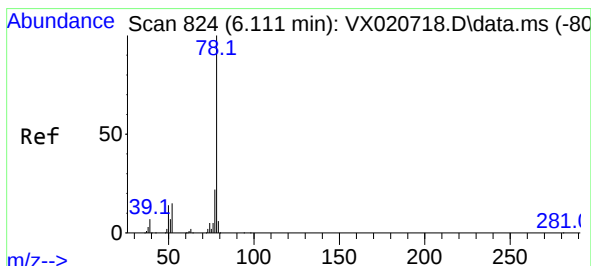
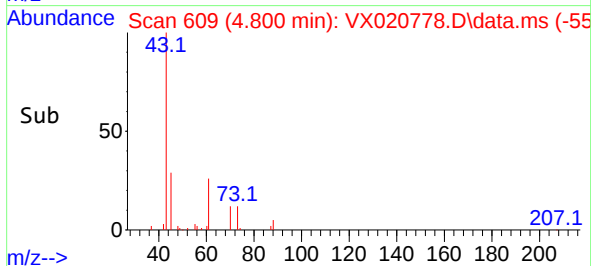
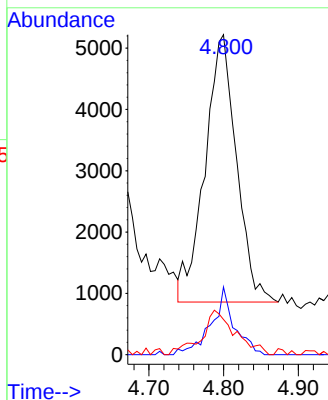
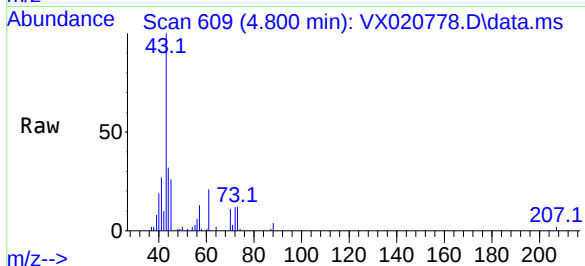
RT: 4.800 min Scan# 609

Delta R.T. 0.006 min

Lab File: VX020778.D

Acq: 27 Jan 2021 18:24

Tgt Ion:	43	Resp:	12800
Ion	Ratio	Lower	Upper
43	100		
61	18.4	12.8	19.2
70	17.6	10.5	15.7#



#40

Benzene

Concen: 0.41 ug/l

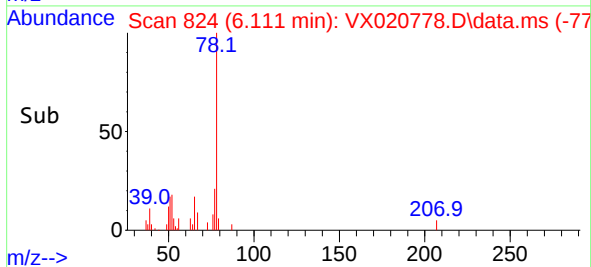
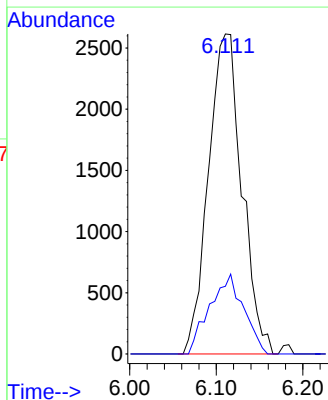
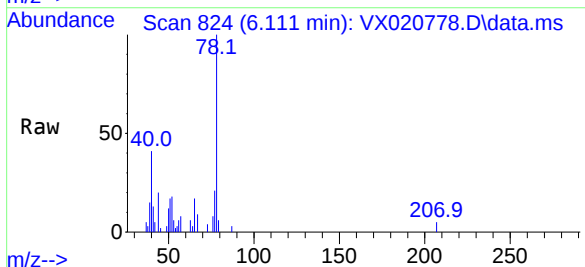
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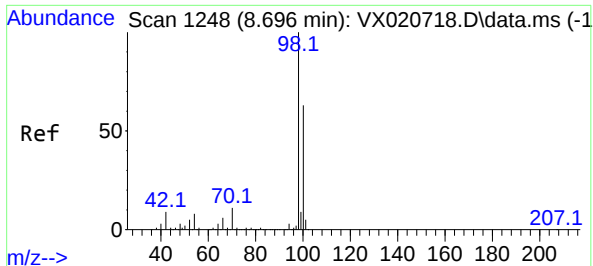
Delta R.T. -0.000 min

Lab File: VX020778.D

Acq: 27 Jan 2021 18:24

Tgt Ion:	78	Resp:	7026
Ion	Ratio	Lower	Upper
78	100		
77	21.1	18.9	28.3

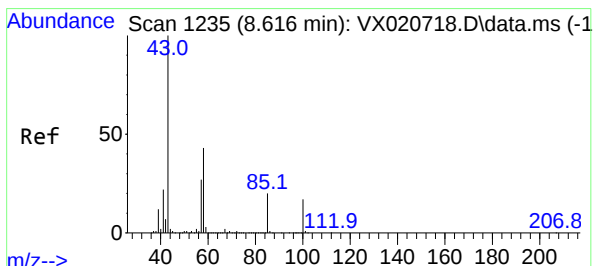
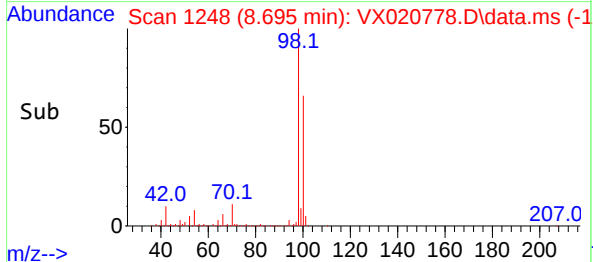
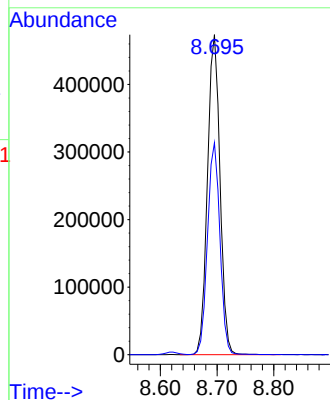
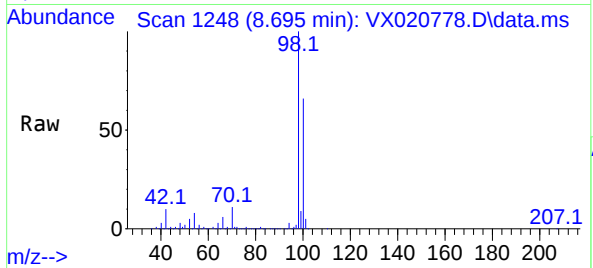




#50
Toluene-d8
Concen: 50.01 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. -0.001 min
Lab File: VX020778.D
Acq: 27 Jan 2021 18:24

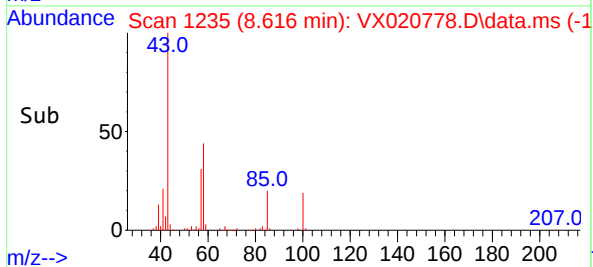
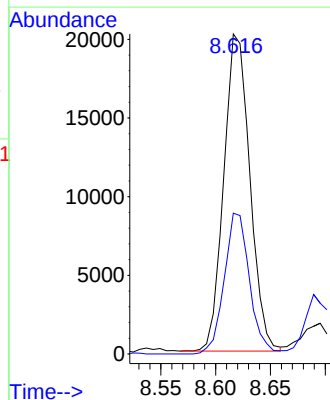
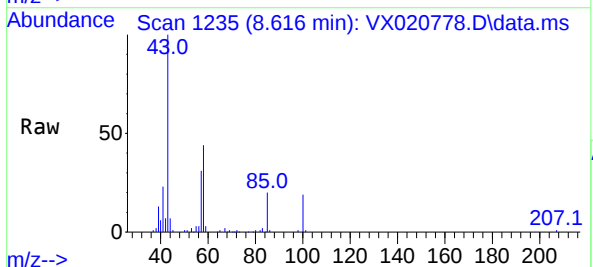
Instrument :
MSVOA_X
ClientSampleId :
1674-1685

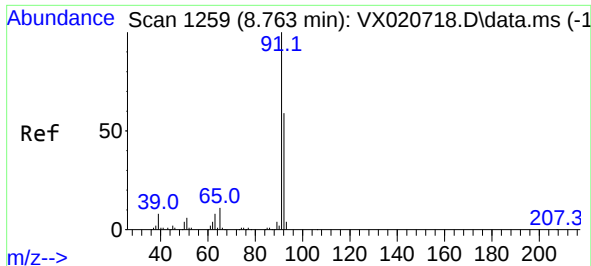
Tgt Ion: 98 Resp: 727634
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 6.02 ug/l
RT: 8.616 min Scan# 1235
Delta R.T. 0.000 min
Lab File: VX020778.D
Acq: 27 Jan 2021 18:24

Tgt Ion: 43 Resp: 33377
Ion Ratio Lower Upper
43 100
58 43.0 35.4 53.0

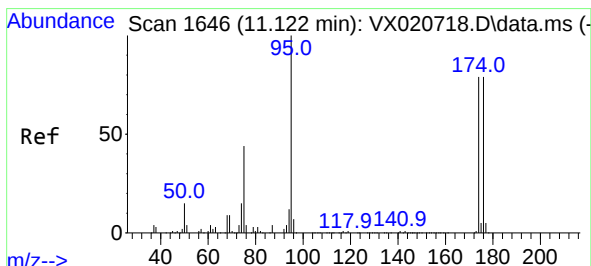
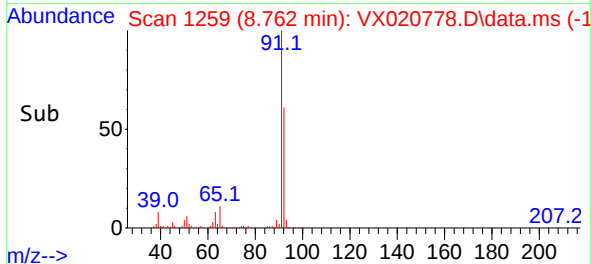
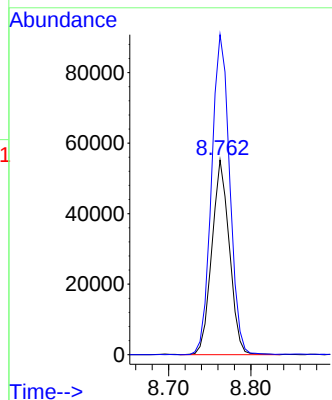
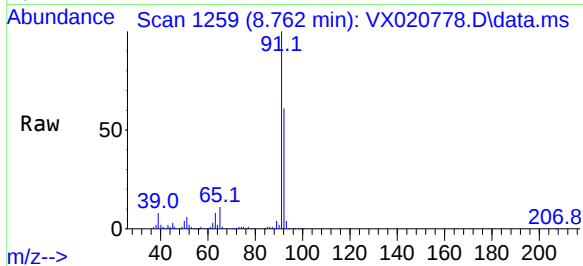




#52
Toluene
Concen: 7.60 ug/l
RT: 8.762 min Scan# 1259
Delta R.T. -0.001 min
Lab File: VX020778.D
Acq: 27 Jan 2021 18:24

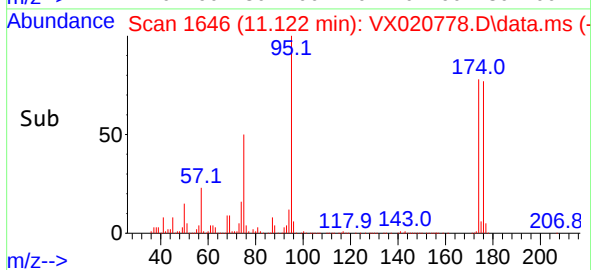
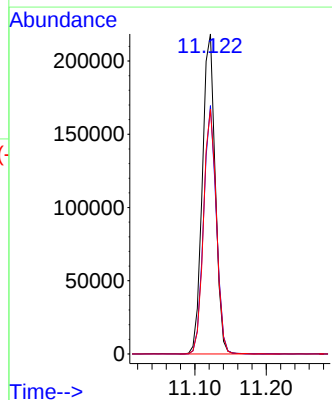
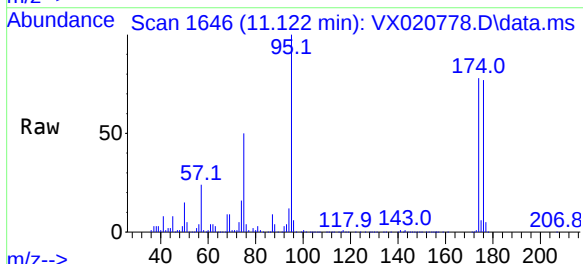
Instrument :
MSVOA_X
ClientSampleId :
1674-1685

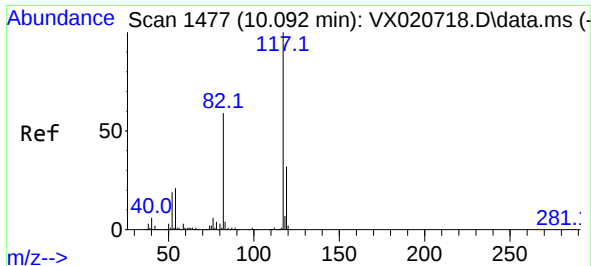
Tgt Ion: 92 Resp: 81794
Ion Ratio Lower Upper
92 100
91 170.3 137.1 205.7



#62
4-Bromofluorobenzene
Concen: 48.47 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020778.D
Acq: 27 Jan 2021 18:24

Tgt Ion: 95 Resp: 273904
Ion Ratio Lower Upper
95 100
174 76.3 0.0 154.6
176 76.2 0.0 155.8

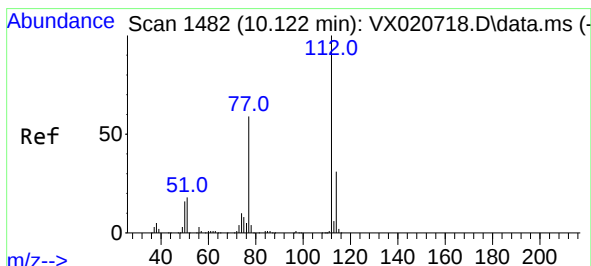
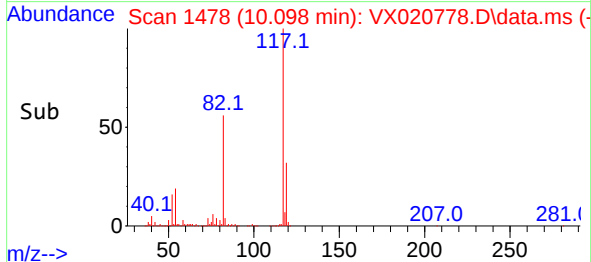
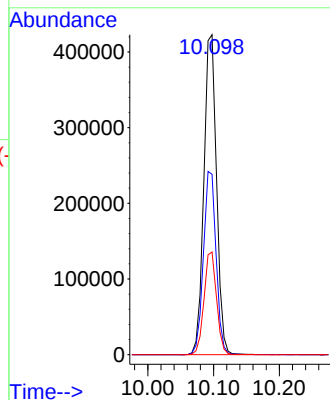
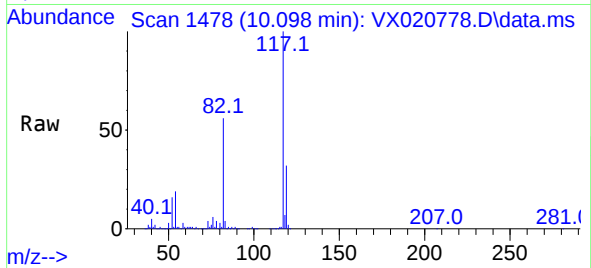




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020778.D
Acq: 27 Jan 2021 18:24

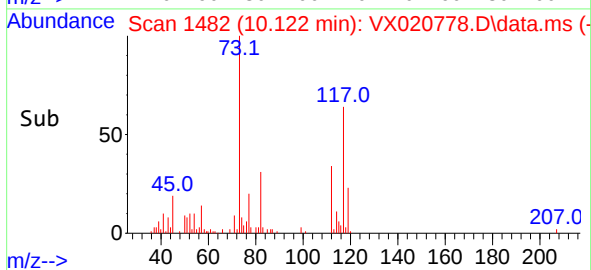
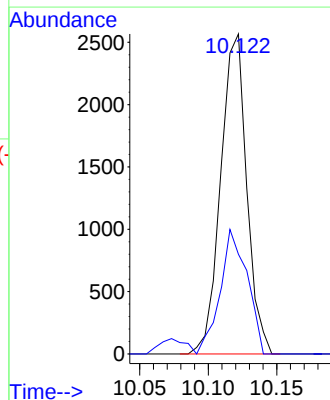
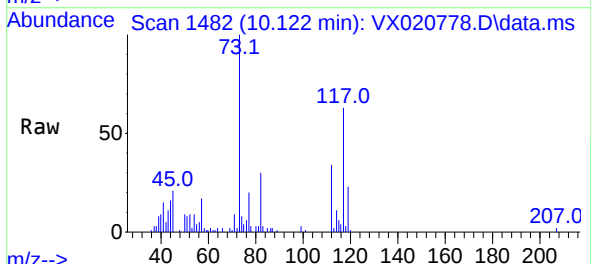
Instrument :
MSVOA_X
ClientSampleId :
1674-1685

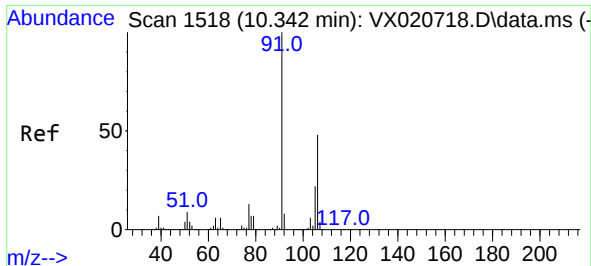
Tgt Ion:117	Resp: 568137
Ion Ratio	Lower Upper
117 100	
82 56.4	47.4 71.2
119 32.1	26.6 39.8



#65
Chlorobenzene
Concen: 0.28 ug/l
RT: 10.122 min Scan# 1482
Delta R.T. -0.000 min
Lab File: VX020778.D
Acq: 27 Jan 2021 18:24

Tgt Ion:112	Resp: 3388
Ion Ratio	Lower Upper
112 100	
114 31.2	25.8 38.6

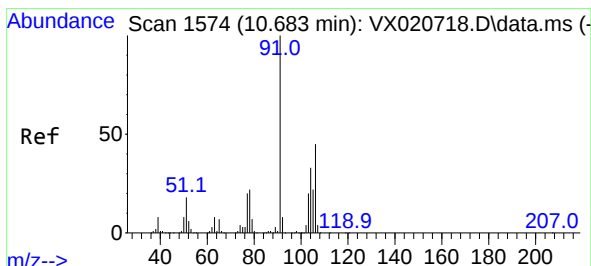
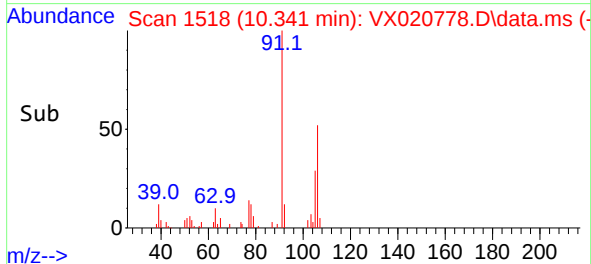
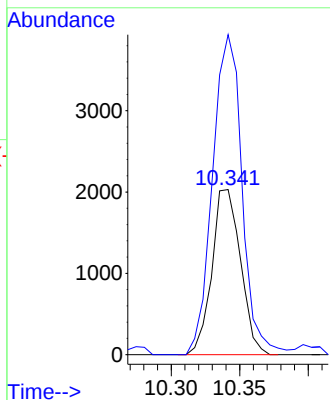
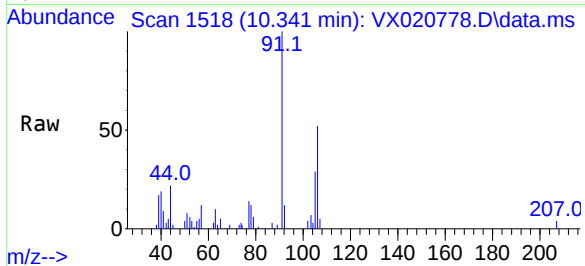




#68
m/p-Xylenes
Concen: 0.37 ug/l
RT: 10.341 min Scan# 1518
Delta R.T. -0.001 min
Lab File: VX020778.D
Acq: 27 Jan 2021 18:24

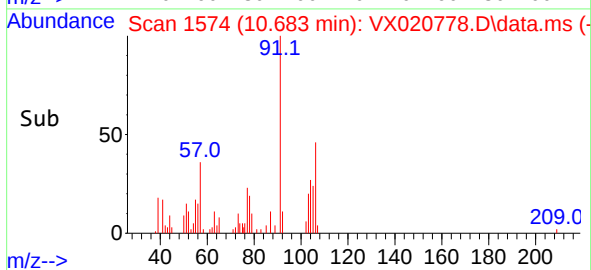
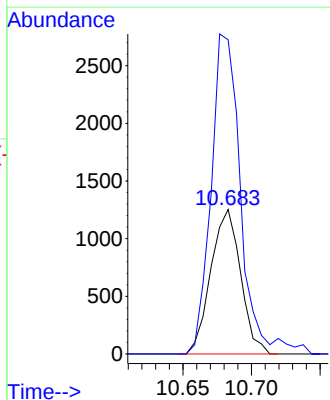
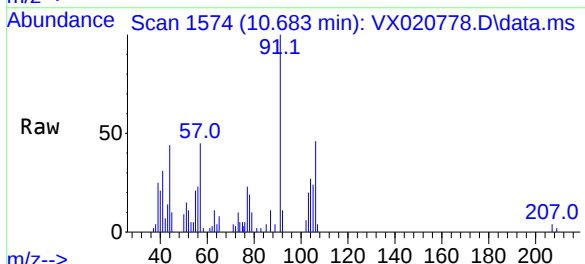
Instrument :
MSVOA_X
ClientSampleId :
1674-1685

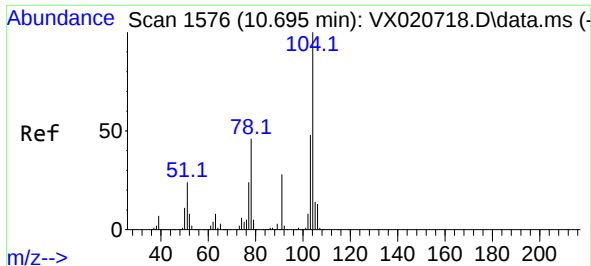
Tgt Ion:106 Resp: 2947
Ion Ratio Lower Upper
106 100
91 199.8 162.8 244.2



#69
o-Xylene
Concen: 0.25 ug/l
RT: 10.683 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VX020778.D
Acq: 27 Jan 2021 18:24

Tgt Ion:106 Resp: 1891
Ion Ratio Lower Upper
106 100
91 220.1 108.1 324.2

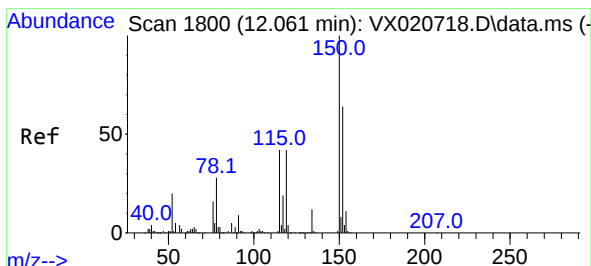
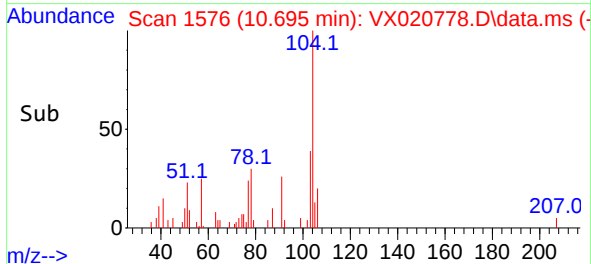
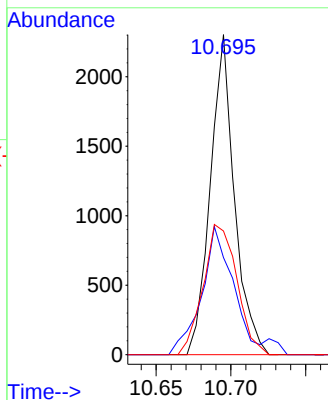
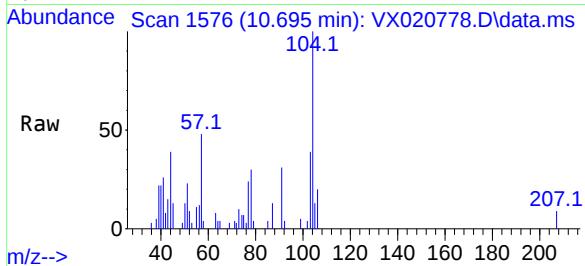




#70
Styrene
Concen: 0.20 ug/l
RT: 10.695 min Scan# 1576
Delta R.T. 0.000 min
Lab File: VX020778.D
Acq: 27 Jan 2021 18:24

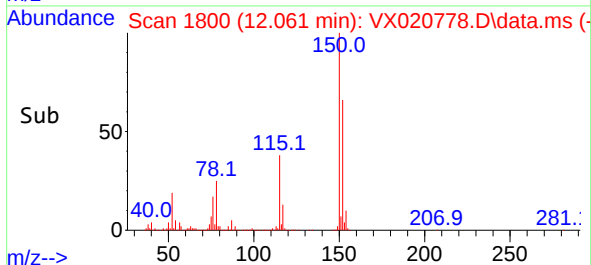
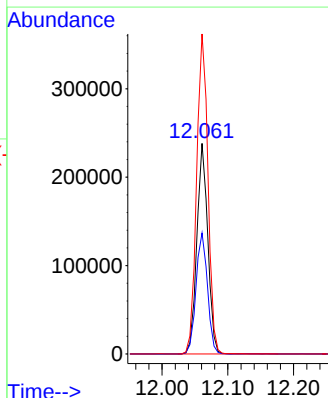
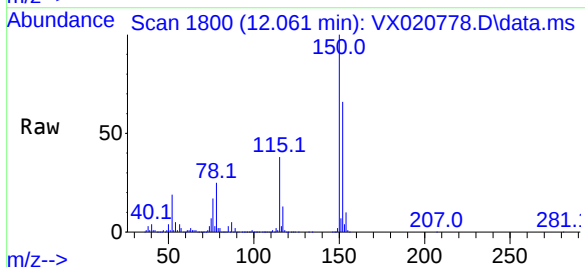
Instrument :
MSVOA_X
ClientSampleId :
1674-1685

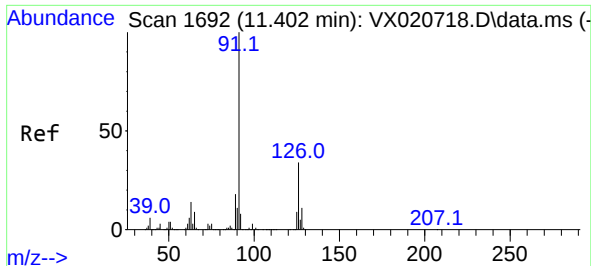
Tgt Ion:	104	Resp:	2582
Ion	Ratio	Lower	Upper
104	100		
78	55.2	40.0	60.0
103	56.9	43.4	65.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020778.D
Acq: 27 Jan 2021 18:24

Tgt Ion:	152	Resp:	275536
Ion	Ratio	Lower	Upper
152	100		
115	60.0	41.1	123.3
150	157.1	0.0	349.0

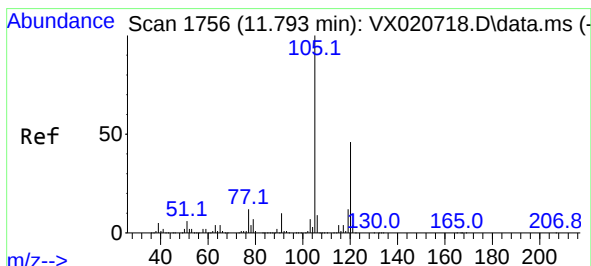
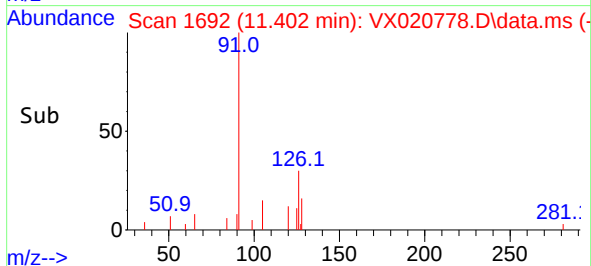
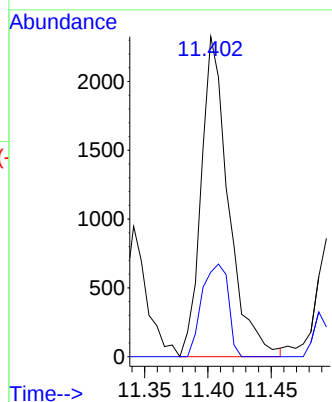
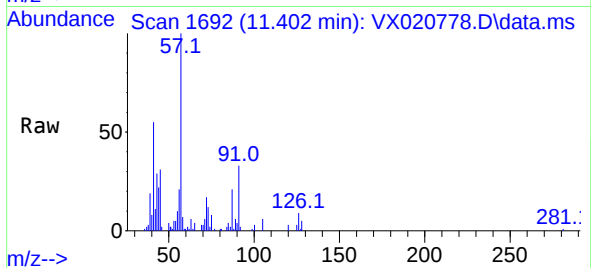




#79
2-Chlorotoluene
Concen: 0.25 ug/l
RT: 11.402 min Scan# 1692
Delta R.T. 0.000 min
Lab File: VX020778.D
Acq: 27 Jan 2021 18:24

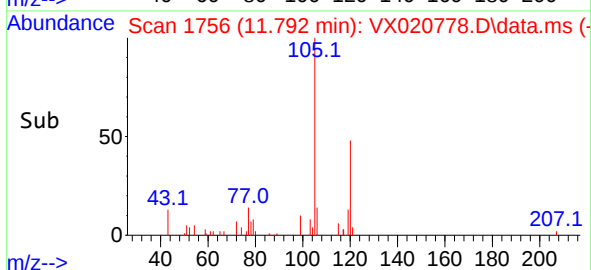
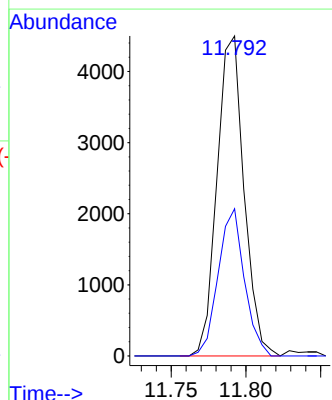
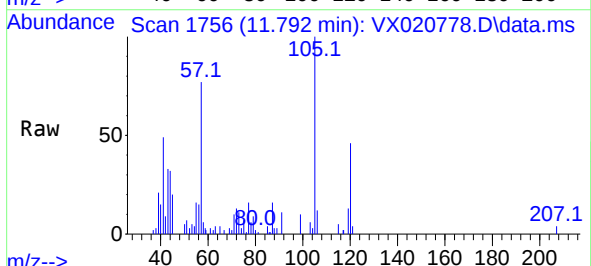
Instrument :
MSVOA_X
ClientSampleId :
1674-1685

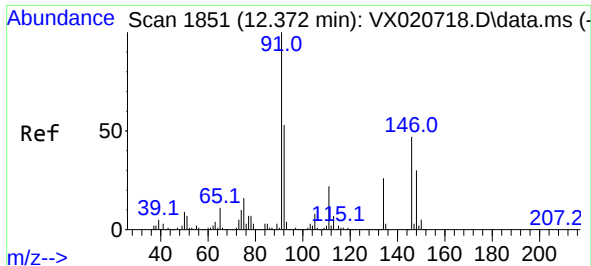
Tgt Ion: 91 Resp: 3505
Ion Ratio Lower Upper
91 100
126 27.6 16.6 49.8



#84
1,2,4-Trimethylbenzene
Concen: 0.33 ug/l
RT: 11.792 min Scan# 1756
Delta R.T. -0.001 min
Lab File: VX020778.D
Acq: 27 Jan 2021 18:24

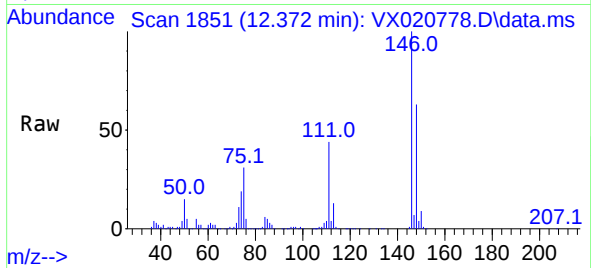
Tgt Ion: 105 Resp: 5643
Ion Ratio Lower Upper
105 100
120 44.7 22.4 67.3



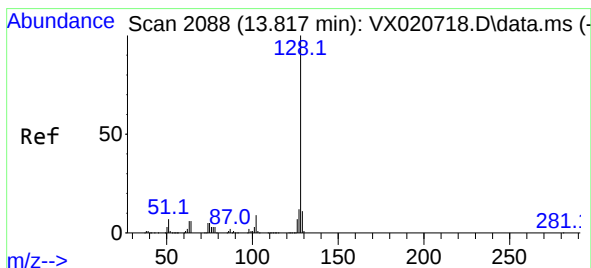
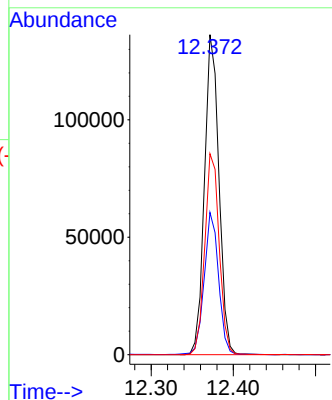
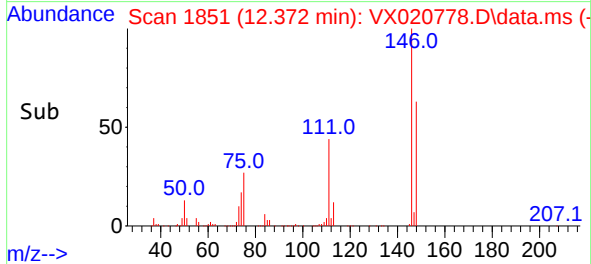


#91
1,2-Dichlorobenzene
Concen: 18.79 ug/l
RT: 12.372 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VX020778.D
Acq: 27 Jan 2021 18:24

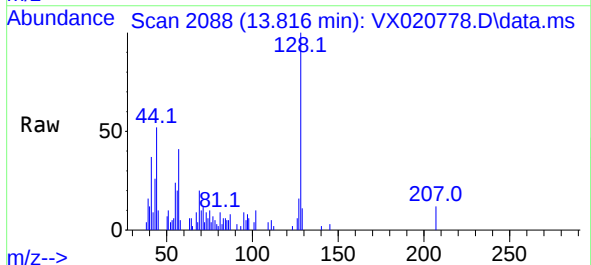
Instrument :
MSVOA_X
ClientSampleId :
1674-1685



Tgt Ion:146 Resp: 166292
Ion Ratio Lower Upper
146 100
111 44.5 20.8 62.2
148 63.0 31.9 95.5



#95
Naphthalene
Concen: 3.06 ug/l
RT: 13.816 min Scan# 2088
Delta R.T. -0.001 min
Lab File: VX020778.D
Acq: 27 Jan 2021 18:24



Tgt Ion:128 Resp: 4187
Ion Ratio Lower Upper
128 100
127 14.0 10.3 15.5
129 14.9 8.8 13.2#

