

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012721\
 Data File : VX020780.D
 Acq On : 27 Jan 2021 19:11
 Operator : JC/SP
 Sample : M1216-04 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PS-103

Quant Time: Jan 28 00:47:10 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)

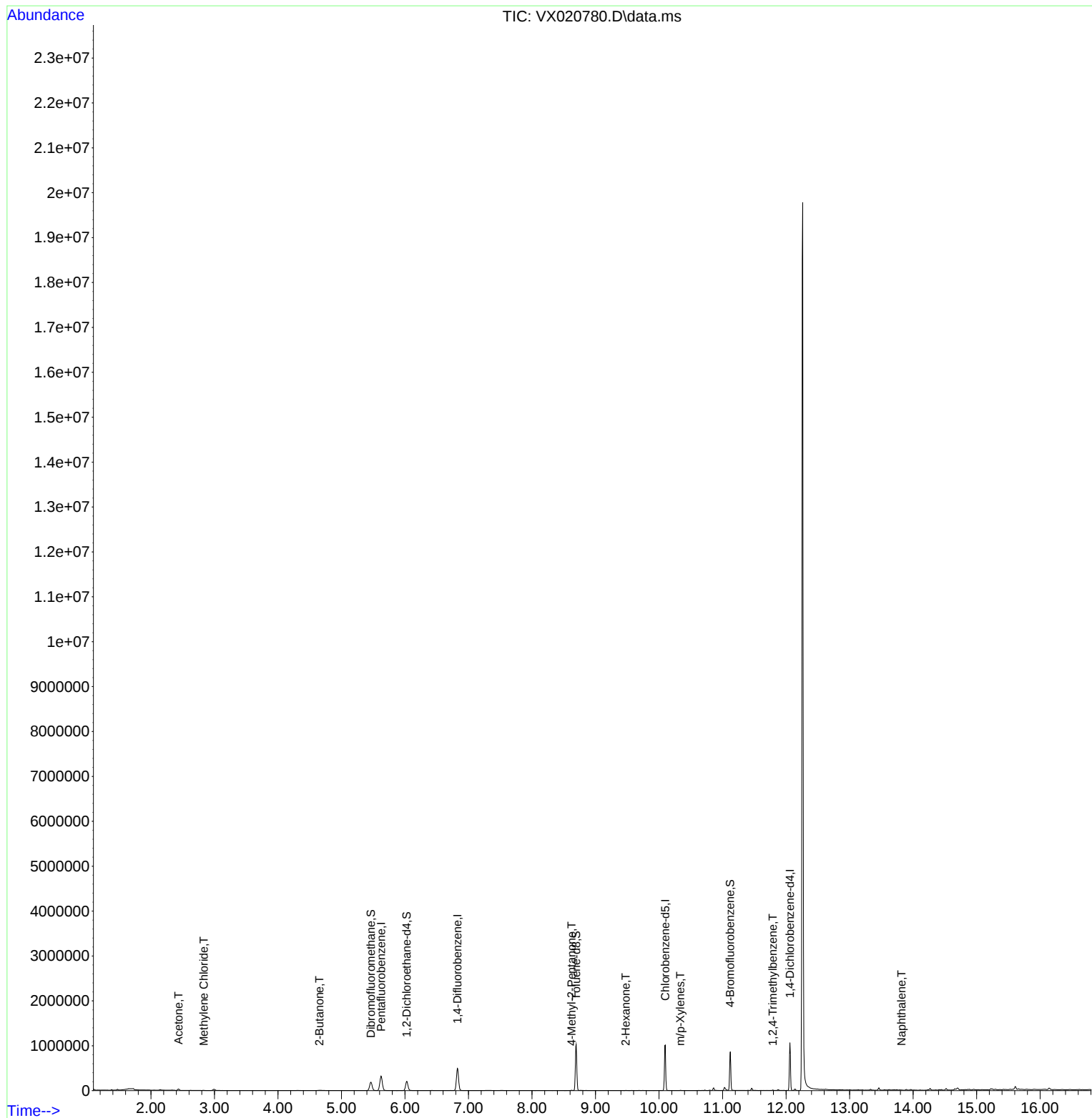
Internal Standards						
1) Pentafluorobenzene	5.623	168	299918	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	508067	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	485030	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	216040	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	198284	48.47	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.94%		
35) Dibromofluoromethane	5.464	113	164412	47.24	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.48%		
50) Toluene-d8	8.696	98	627611	49.19	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.38%		
62) 4-Bromofluorobenzene	11.122	95	235286	47.49	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.98%		
Target Compounds					Qvalue	
16) Acetone	2.434	43	34217	22.06	ug/l	95
20) Methylene Chloride	2.831	84	1706	0.44	ug/l #	89
25) 2-Butanone	4.654	43	11007	4.53	ug/l	99
51) 4-Methyl-2-Pentanone	8.622	43	4653	0.96	ug/l	97
59) 2-Hexanone	9.476	43	2696	0.74	ug/l	81
68) m/p-Xylenes	10.335	106	1359	0.20	ug/l	92
84) 1,2,4-Trimethylbenzene	11.793	105	4232	0.31	ug/l	88
95) Naphthalene	13.817	128	2651	3.02	ug/l #	92

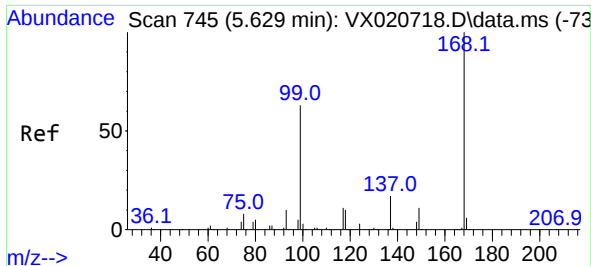
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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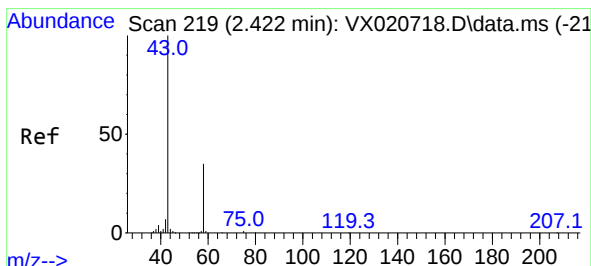
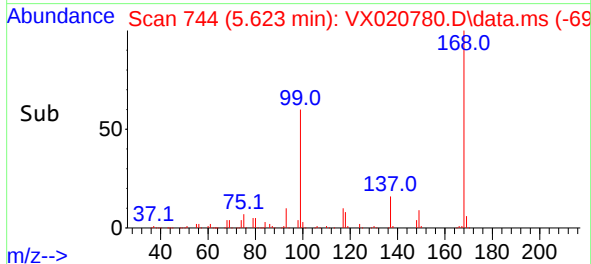
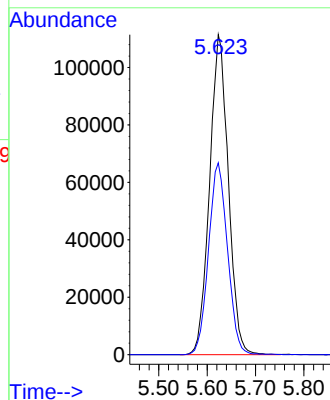
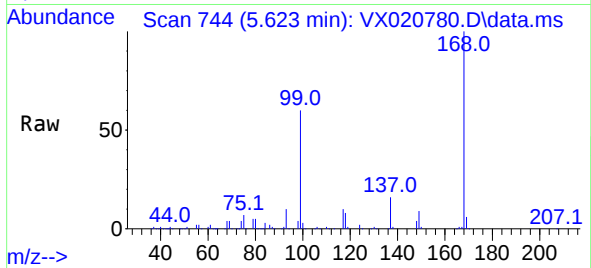




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.006 min
Lab File: VX020780.D
Acq: 27 Jan 2021 19:11

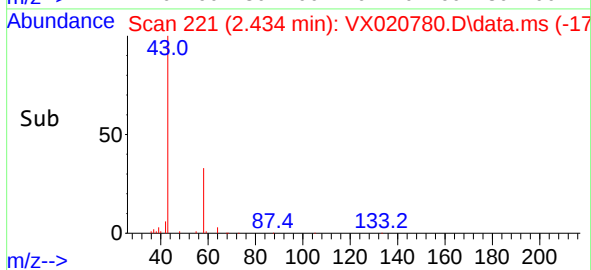
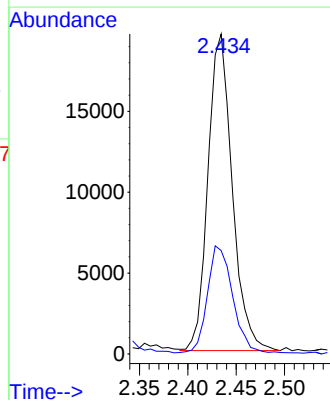
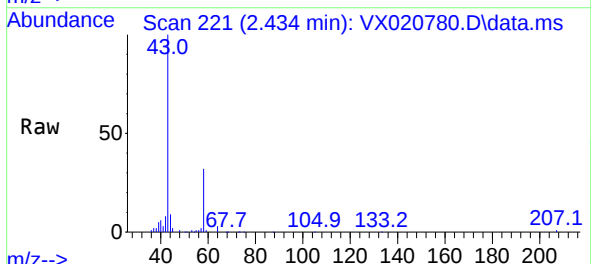
Instrument :
MSVOA_X
ClientSampled :
PS-103

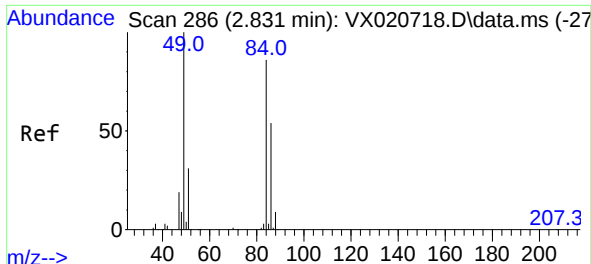
Tgt Ion:168 Resp: 299918
Ion Ratio Lower Upper
168 100
99 59.9 45.8 68.6



#16
Acetone
Concen: 22.06 ug/l
RT: 2.434 min Scan# 221
Delta R.T. 0.012 min
Lab File: VX020780.D
Acq: 27 Jan 2021 19:11

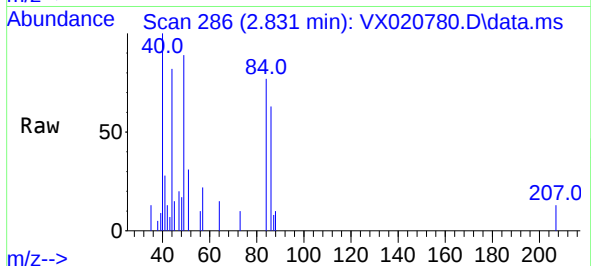
Tgt Ion: 43 Resp: 34217
Ion Ratio Lower Upper
43 100
58 32.2 27.8 41.8





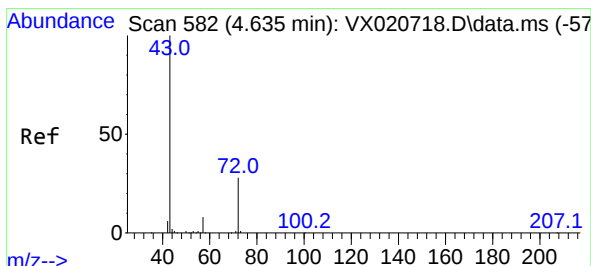
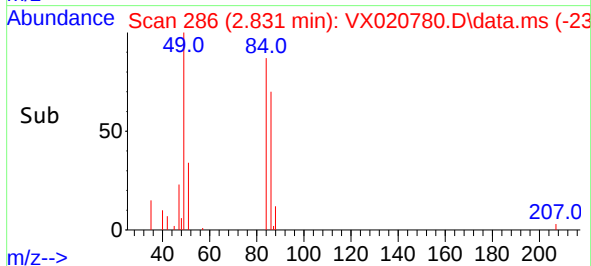
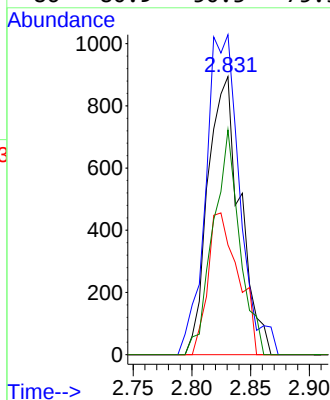
#20
Methylene Chloride
Concen: 0.44 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020780.D
Acq: 27 Jan 2021 19:11

Instrument :
MSVOA_X
ClientSampleId :
PS-103



Tgt Ion: 84 Resp: 1706

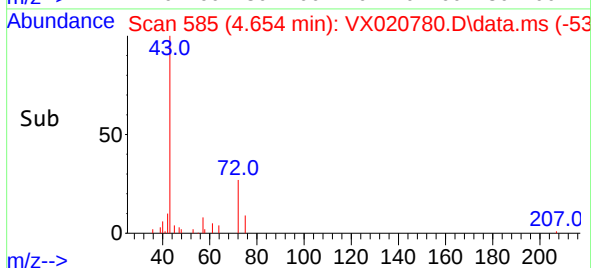
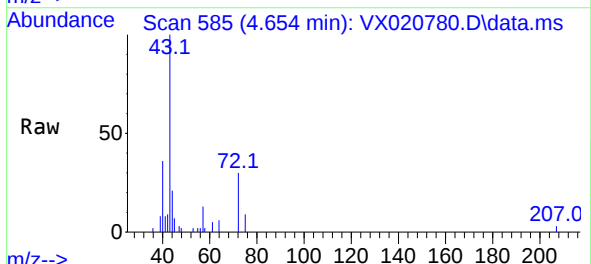
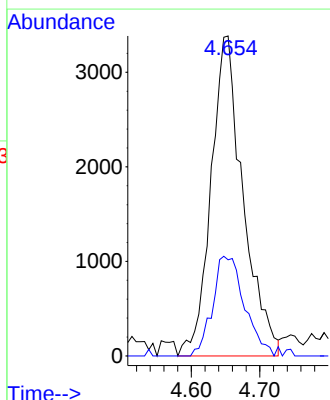
Ion	Ratio	Lower	Upper
84	100		
49	115.1	88.6	132.8
51	39.5	27.0	40.6
86	80.9	50.3	75.5

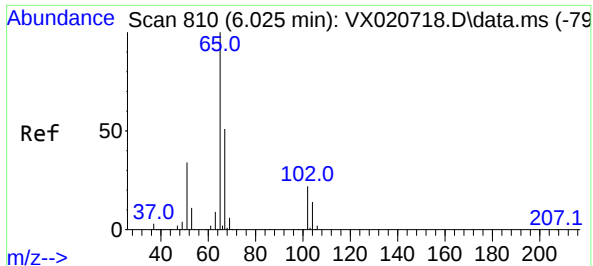


#25
2-Butanone
Concen: 4.53 ug/l
RT: 4.654 min Scan# 585
Delta R.T. 0.019 min
Lab File: VX020780.D
Acq: 27 Jan 2021 19:11

Tgt Ion: 43 Resp: 11007

Ion	Ratio	Lower	Upper
43	100		
72	30.0	23.7	35.5



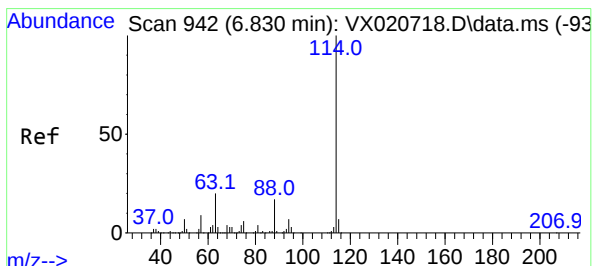
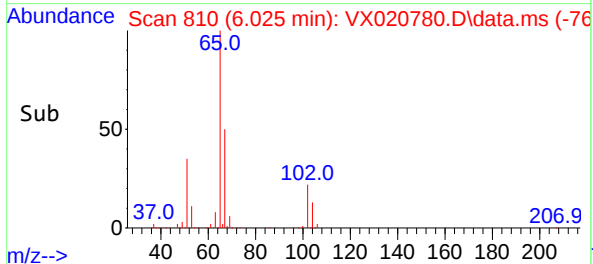
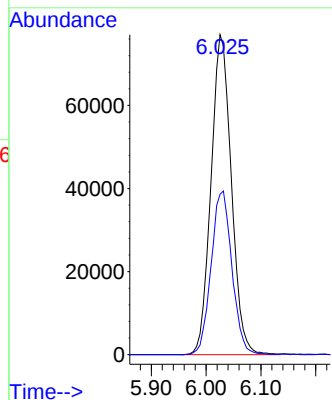
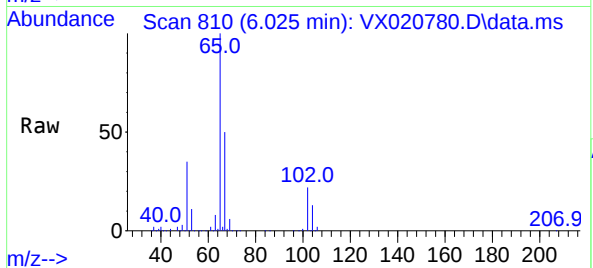


#33

1,2-Dichloroethane-d4
Concen: 48.47 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020780.D
Acq: 27 Jan 2021 19:11

Instrument :
MSVOA_X
ClientSampled :
PS-103

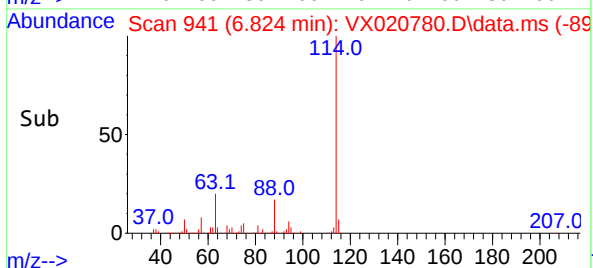
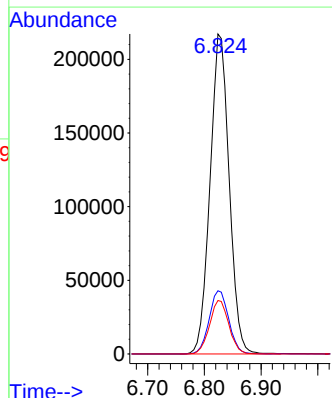
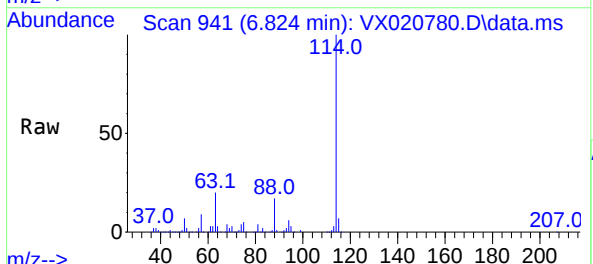
Tgt Ion: 65 Resp: 198284
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.4

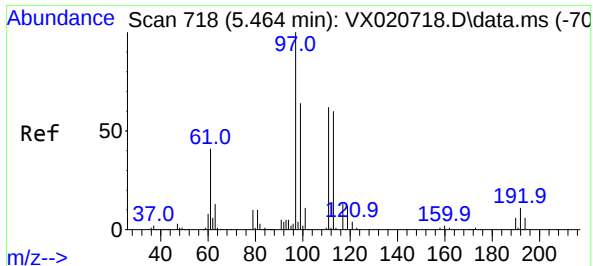


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.824 min Scan# 941
Delta R.T. -0.006 min
Lab File: VX020780.D
Acq: 27 Jan 2021 19:11

Tgt Ion:114 Resp: 508067
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.8
88 16.7 0.0 32.8

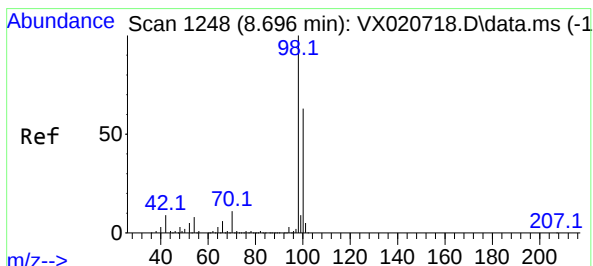
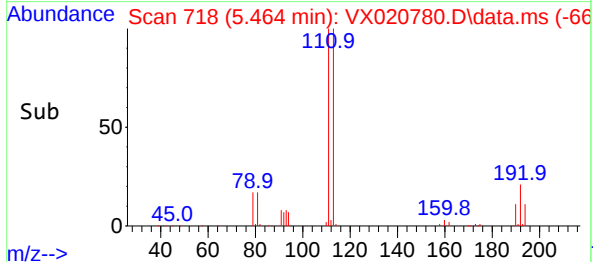
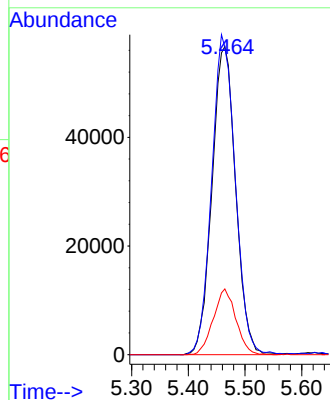
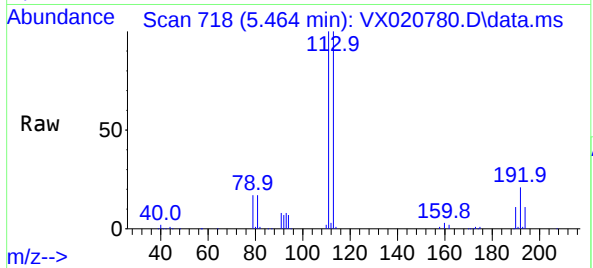




#35
Dibromofluoromethane
Concen: 47.24 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX020780.D
Acq: 27 Jan 2021 19:11

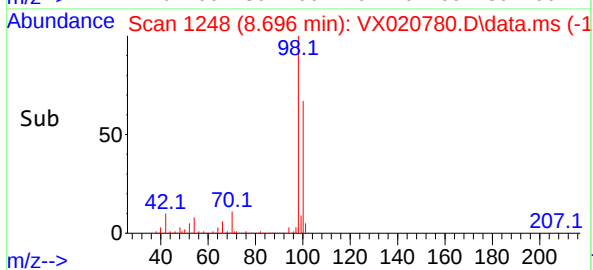
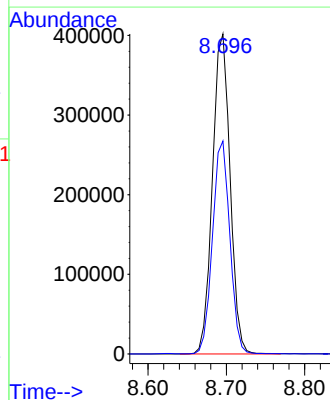
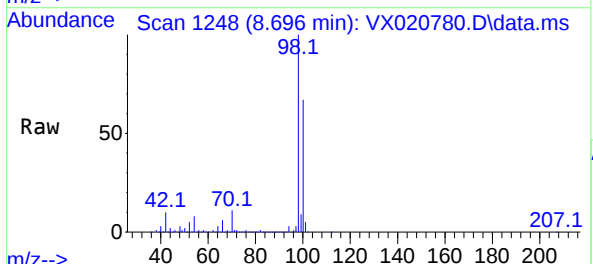
Instrument :
MSVOA_X
ClientSampleId :
PS-103

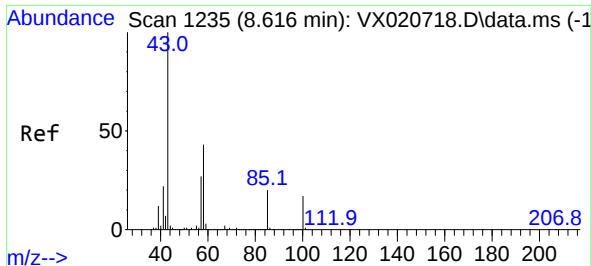
Tgt Ion:113 Resp: 164412
Ion Ratio Lower Upper
113 100
111 103.2 81.9 122.9
192 20.4 16.7 25.1



#50
Toluene-d8
Concen: 49.19 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020780.D
Acq: 27 Jan 2021 19:11

Tgt Ion: 98 Resp: 627611
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9

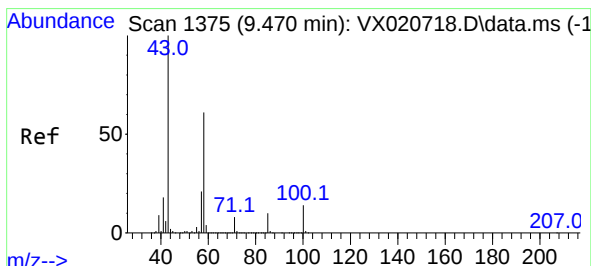
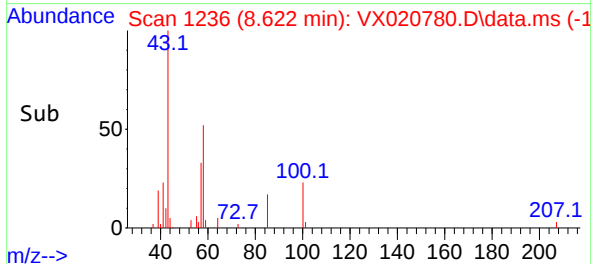
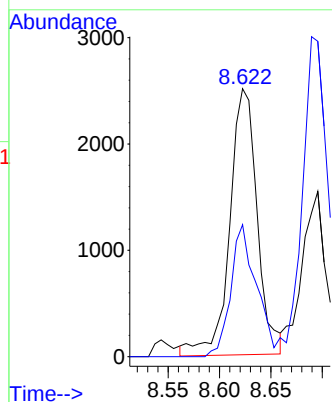
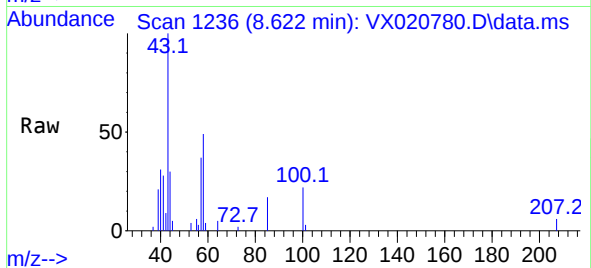




#51
4-Methyl-2-Pentanone
Concen: 0.96 ug/l
RT: 8.622 min Scan# 1236
Delta R.T. 0.006 min
Lab File: VX020780.D
Acq: 27 Jan 2021 19:11

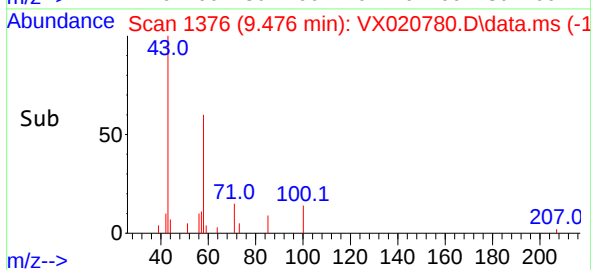
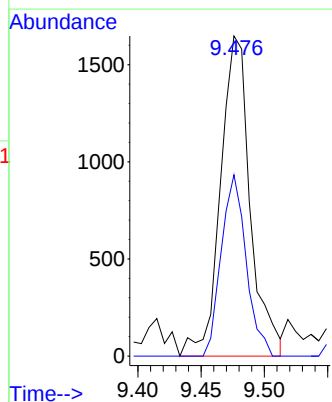
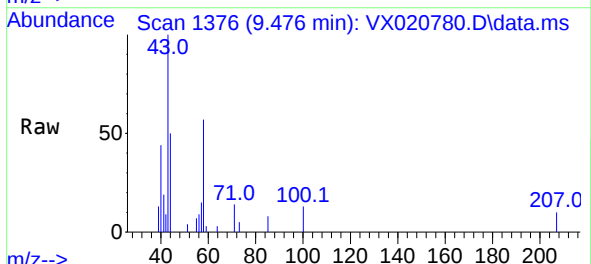
Instrument :
MSVOA_X
ClientSampled :
PS-103

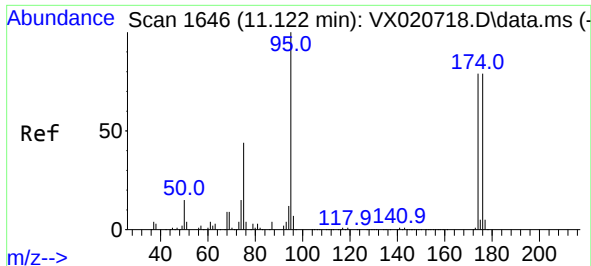
Tgt Ion: 43 Resp: 4653
Ion Ratio Lower Upper
43 100
58 45.9 35.4 53.0



#59
2-Hexanone
Concen: 0.74 ug/l
RT: 9.476 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VX020780.D
Acq: 27 Jan 2021 19:11

Tgt Ion: 43 Resp: 2696
Ion Ratio Lower Upper
43 100
58 47.3 30.9 92.8

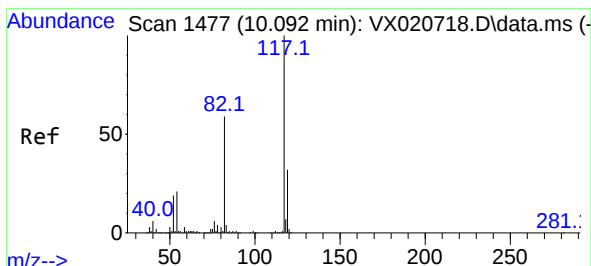
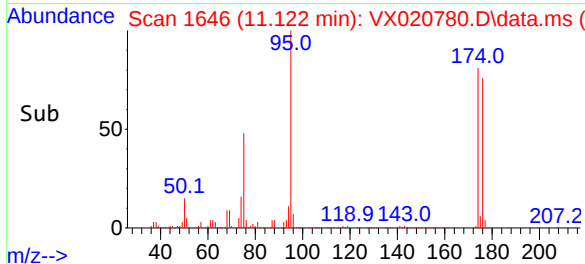
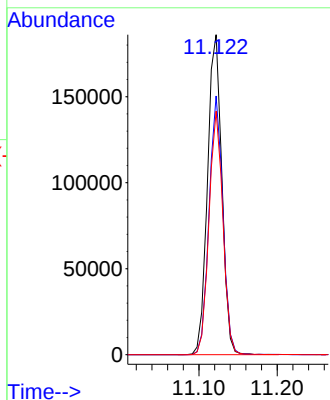
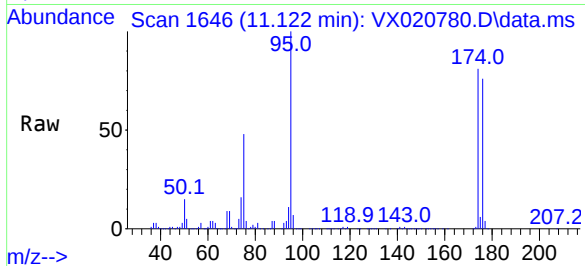




#62
4-Bromofluorobenzene
Concen: 47.49 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020780.D
Acq: 27 Jan 2021 19:11

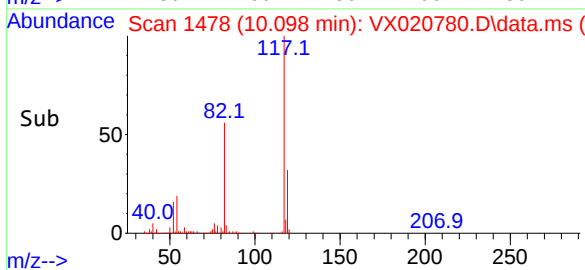
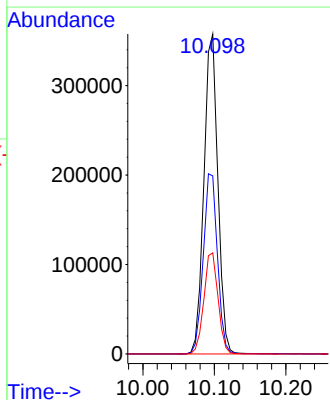
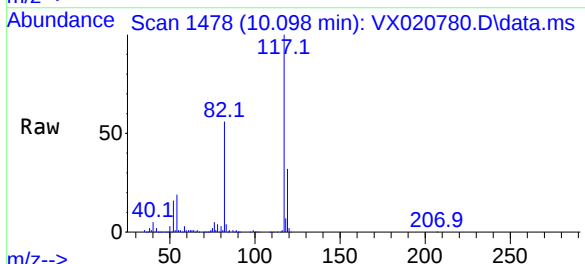
Instrument :
MSVOA_X
ClientSampleId :
PS-103

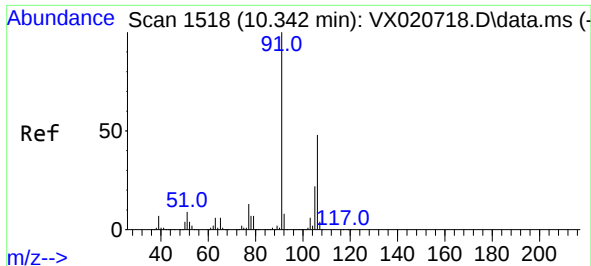
Tgt Ion: 95 Resp: 235286
Ion Ratio Lower Upper
95 100
174 78.0 0.0 154.6
176 74.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020780.D
Acq: 27 Jan 2021 19:11

Tgt Ion: 117 Resp: 485030
Ion Ratio Lower Upper
117 100
82 55.7 47.4 71.2
119 31.6 26.6 39.8

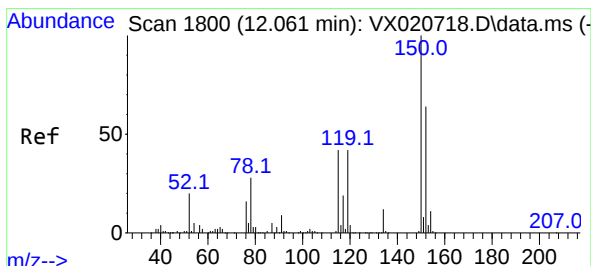
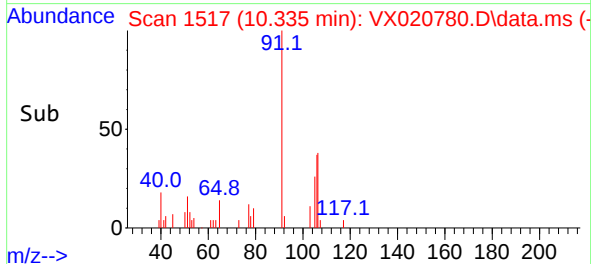
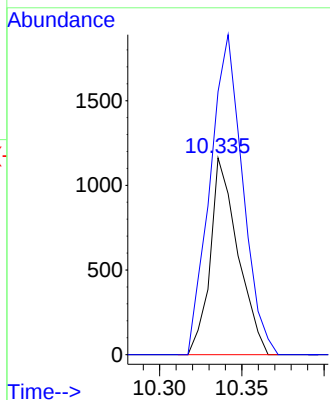
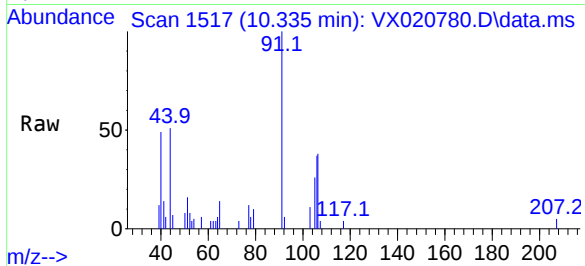




#68
m/p-Xylenes
Concen: 0.20 ug/l
RT: 10.335 min Scan# 1517
Delta R.T. -0.007 min
Lab File: VX020780.D
Acq: 27 Jan 2021 19:11

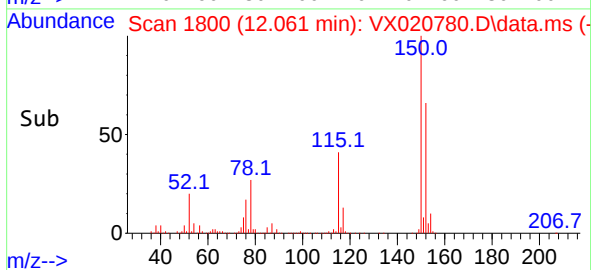
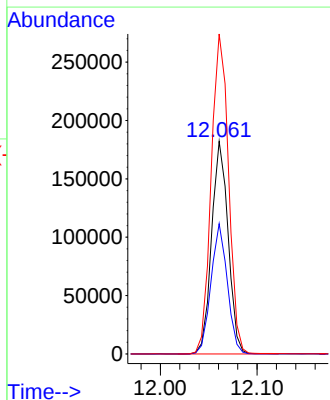
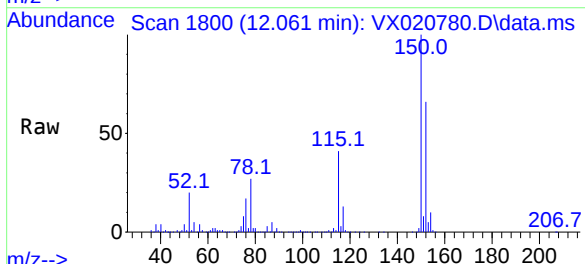
Instrument :
MSVOA_X
ClientSampleId :
PS-103

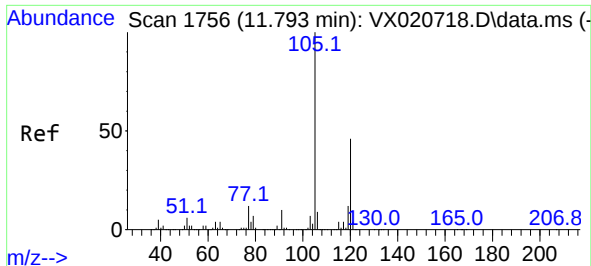
Tgt Ion:106 Resp: 1359
Ion Ratio Lower Upper
106 100
91 191.9 162.8 244.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020780.D
Acq: 27 Jan 2021 19:11

Tgt Ion:152 Resp: 216040
Ion Ratio Lower Upper
152 100
115 60.6 41.1 123.3
150 158.2 0.0 349.0

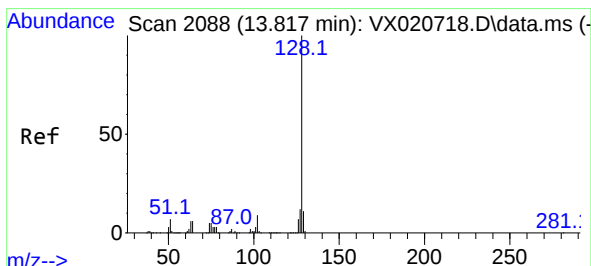
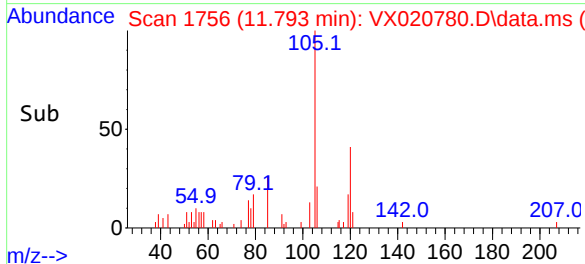
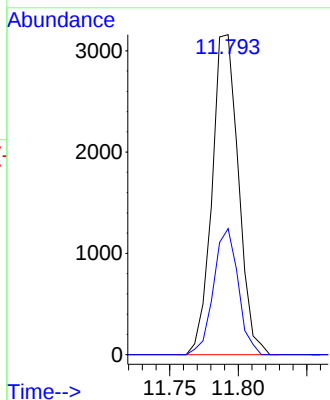
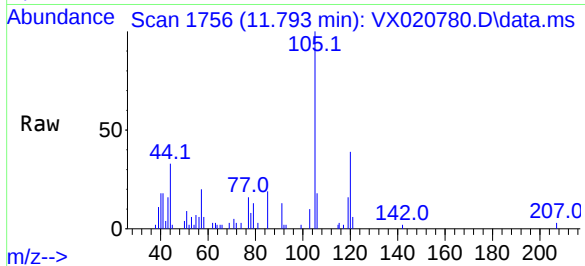




#84
1,2,4-Trimethylbenzene
Concen: 0.31 ug/l
RT: 11.793 min Scan# 1756
Delta R.T. -0.000 min
Lab File: VX020780.D
Acq: 27 Jan 2021 19:11

Instrument :
MSVOA_X
ClientSampled :
PS-103

Tgt Ion:105 Resp: 4232
Ion Ratio Lower Upper
105 100
120 36.8 22.4 67.3



#95
Naphthalene
Concen: 3.02 ug/l
RT: 13.817 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VX020780.D
Acq: 27 Jan 2021 19:11

Tgt Ion:128 Resp: 2651
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 16.9 8.8 13.2#

