

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011221\
 Data File : VX020583.D
 Acq On : 12 Jan 2021 16:48
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Jan 13 00:27:59 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 11 15:05:37 2021
 Response via : Initial Calibration

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

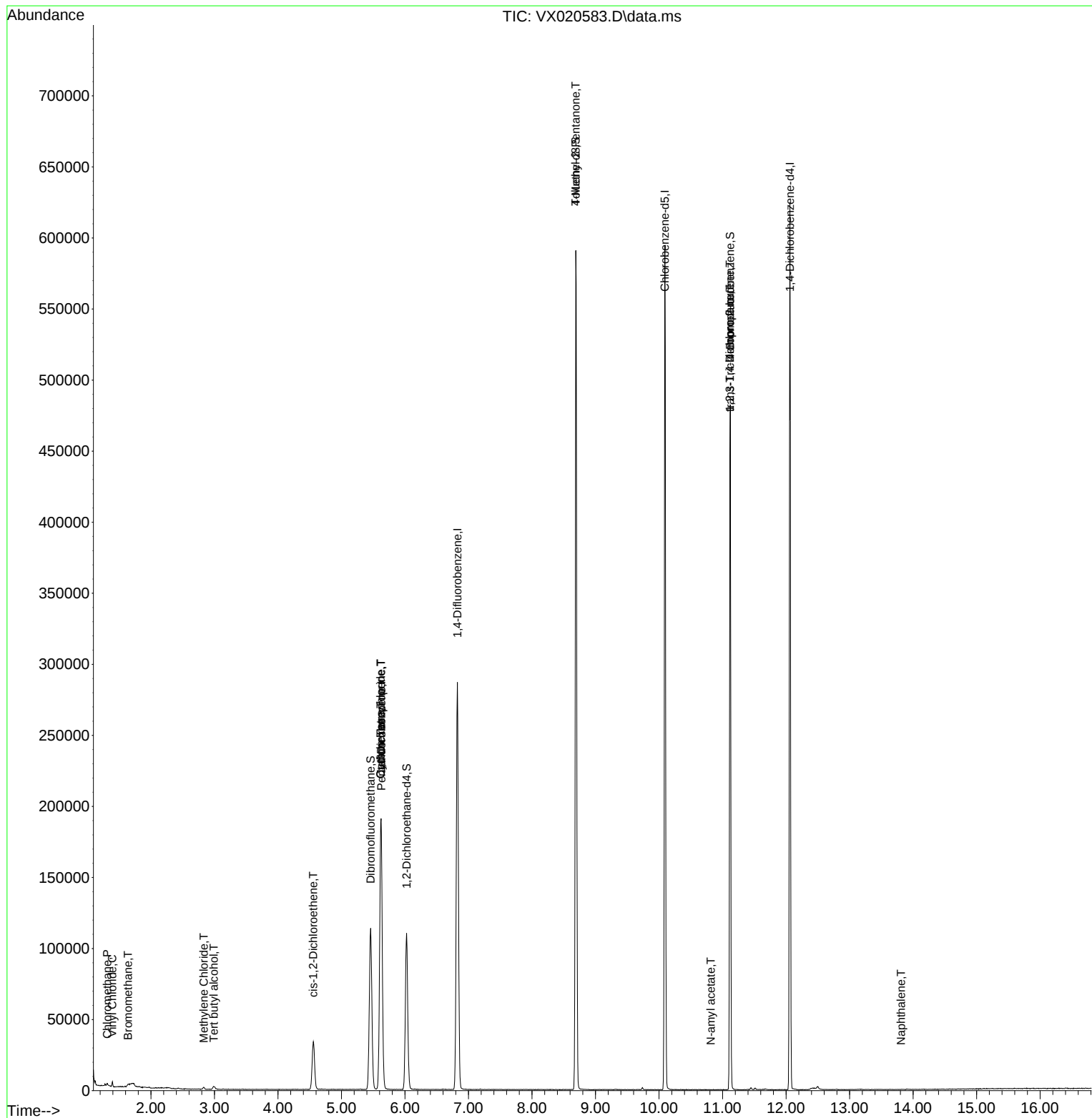
Internal Standards						
1) Pentafluorobenzene	5.629	168	195344	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	305763	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	291577	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	135270	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	101553	43.28	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	86.56%		
35) Dibromofluoromethane	5.458	113	99291	46.87	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.74%		
50) Toluene-d8	8.689	98	369805	48.78	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.56%		
62) 4-Bromofluorobenzene	11.122	95	134054	50.07	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.14%		
Target Compounds					Qvalue	
3) Chloromethane	1.313	50	1041	0.58	ug/l #	88
4) Vinyl Chloride	1.392	62	1856	0.91	ug/l	98
5) Bromomethane	1.636	94	480	0.35	ug/l	99
11) Tert butyl alcohol	2.989	59	1493	1.22	ug/l #	73
16) Acetone	2.428	43	546	Below Cal		97
20) Methylene Chloride	2.831	84	836	0.38	ug/l #	79
27) cis-1,2-Dichloroethene	4.556	96	23817	10.19	ug/l	82
31) Cyclohexane	5.617	56	2690	0.98	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	12852	4.60	ug/l #	49
38) Carbon Tetrachloride	5.617	117	18249	5.60	ug/l #	17
51) 4-Methyl-2-Pentanone	8.689	43	1231	0.50	ug/l #	1
74) N-amyl acetate	10.817	43	18	1.24	ug/l #	38
76) 1,2,3-Trichloropropane	11.116	75	59484	20.87	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	59484	56.87	ug/l #	12
95) Naphthalene	13.810	128	96	3.85	ug/l #	69

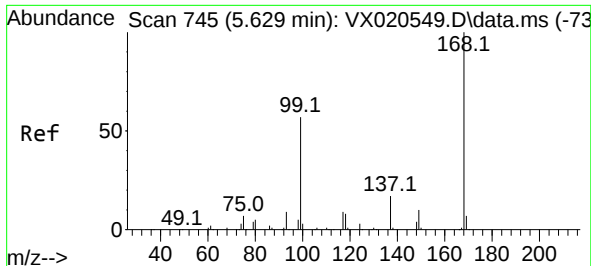
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 11 15:05:37 2021
Response via : Initial Calibration

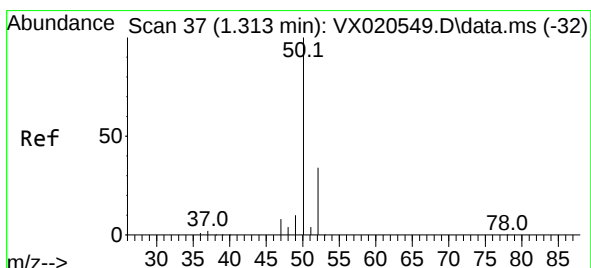
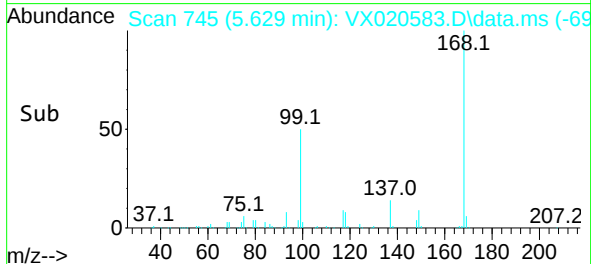
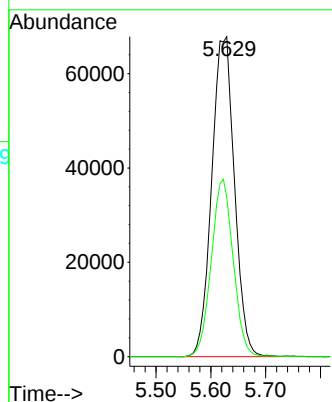
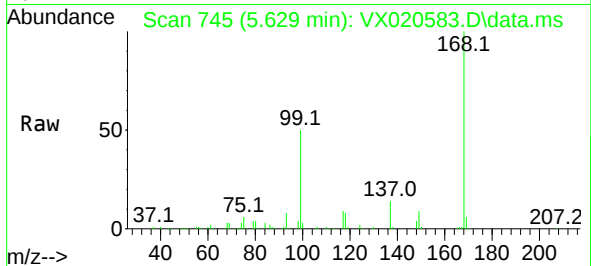




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX020583.D
Acq: 12 Jan 2021 16:48

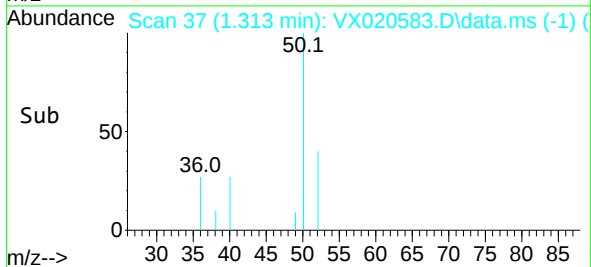
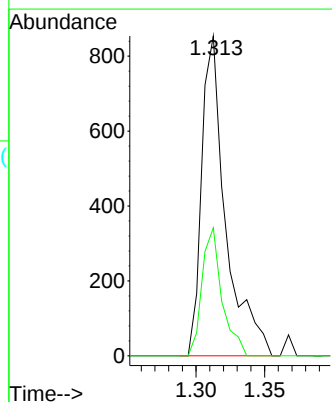
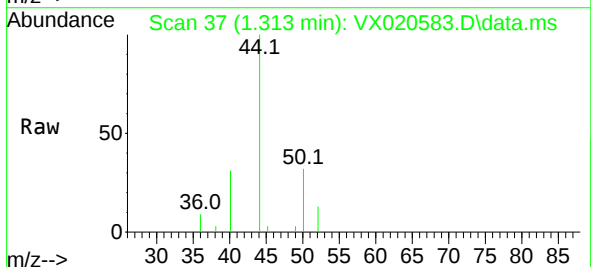
Instrument :
MSVOA_X
ClientSampleId :
IBLK

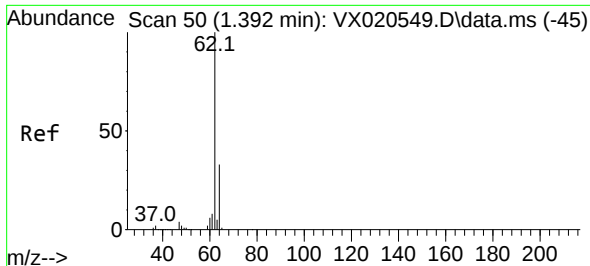
Tgt Ion:168 Resp: 195344
Ion Ratio Lower Upper
168 100
99 49.8 45.8 68.6



#3
Chloromethane
Concen: 0.58 ug/l
RT: 1.313 min Scan# 37
Delta R.T. -0.000 min
Lab File: VX020583.D
Acq: 12 Jan 2021 16:48

Tgt Ion: 50 Resp: 1041
Ion Ratio Lower Upper
50 100
52 40.0 26.4 39.6#

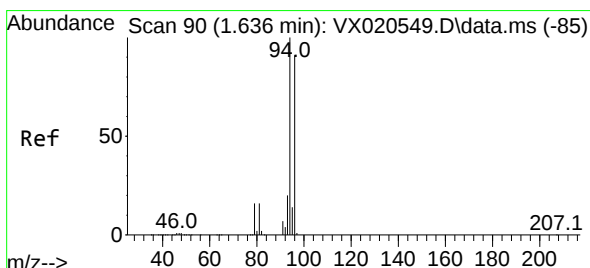
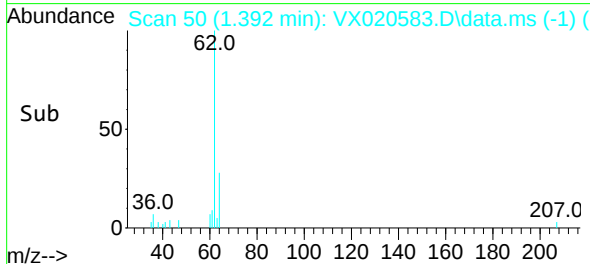
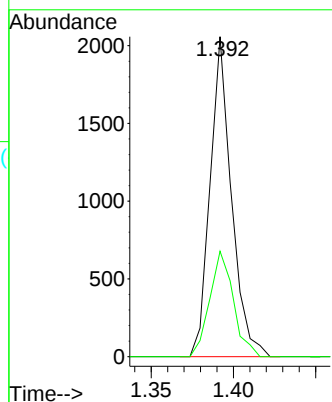
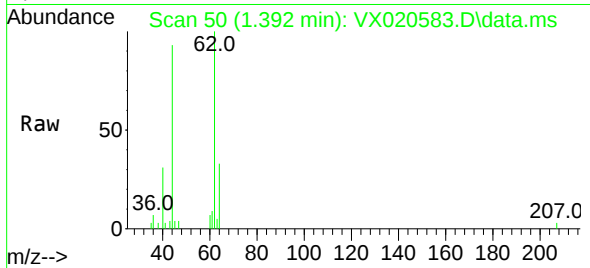




#4
 Vinyl Chloride
 Concen: 0.91 ug/l
 RT: 1.392 min Scan# 50
 Delta R.T. -0.000 min
 Lab File: VX020583.D
 Acq: 12 Jan 2021 16:48

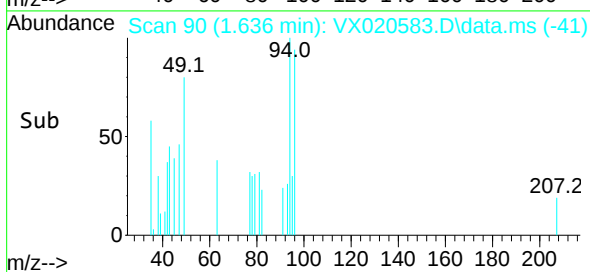
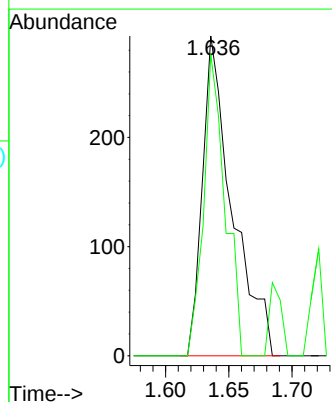
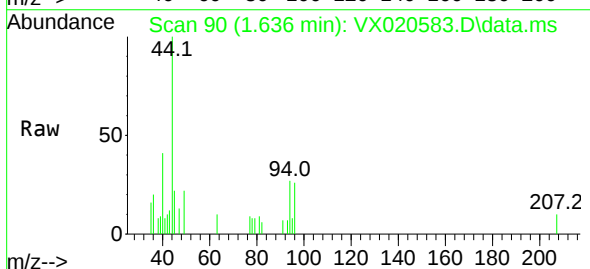
Instrument :
 MSVOA_X
 ClientSampled :
 IBLK

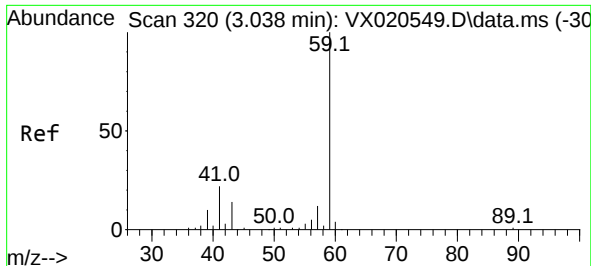
Tgt Ion: 62 Resp: 1856
 Ion Ratio Lower Upper
 62 100
 64 32.9 25.7 38.5



#5
 Bromomethane
 Concen: 0.35 ug/l
 RT: 1.636 min Scan# 90
 Delta R.T. -0.000 min
 Lab File: VX020583.D
 Acq: 12 Jan 2021 16:48

Tgt Ion: 94 Resp: 480
 Ion Ratio Lower Upper
 94 100
 96 94.2 76.4 114.6



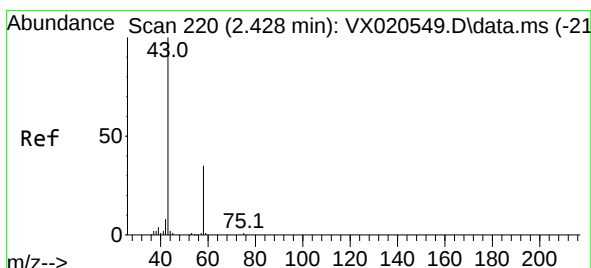
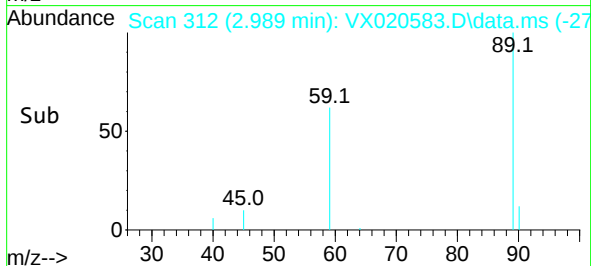
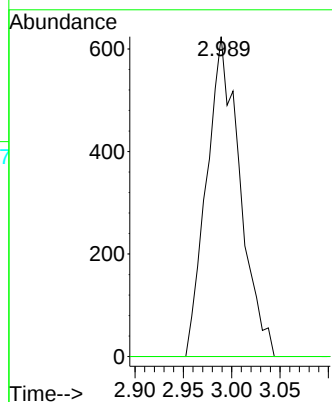
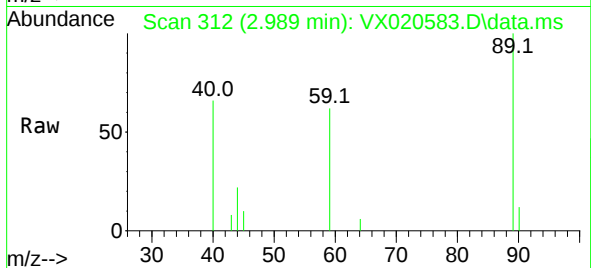


#11

Tert butyl alcohol
Concen: 1.22 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.049 min
Lab File: VX020583.D
Acq: 12 Jan 2021 16:48

Instrument :
MSVOA_X
ClientSampled :
IBLK

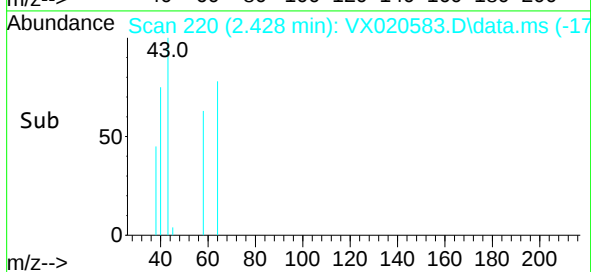
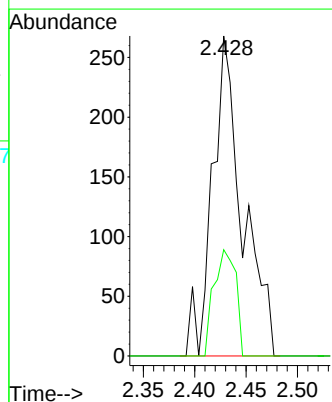
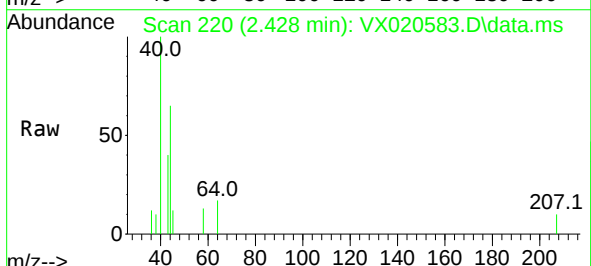
Tgt Ion: 59 Resp: 1493
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

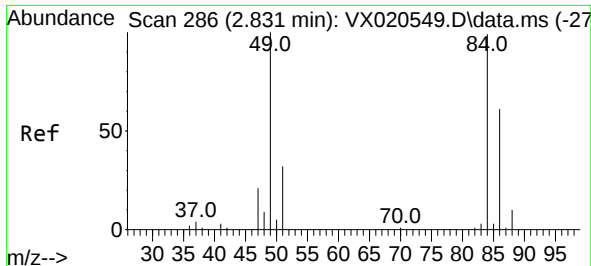


#16

Acetone
Concen: Below Cal
RT: 2.428 min Scan# 220
Delta R.T. 0.000 min
Lab File: VX020583.D
Acq: 12 Jan 2021 16:48

Tgt Ion: 43 Resp: 546
Ion Ratio Lower Upper
43 100
58 33.2 27.8 41.8

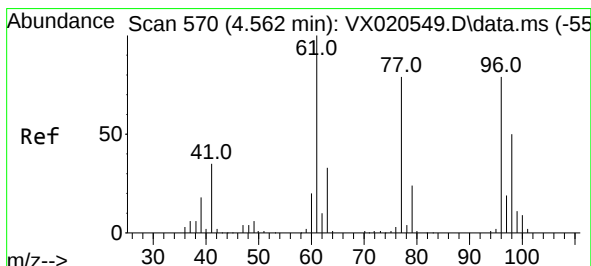
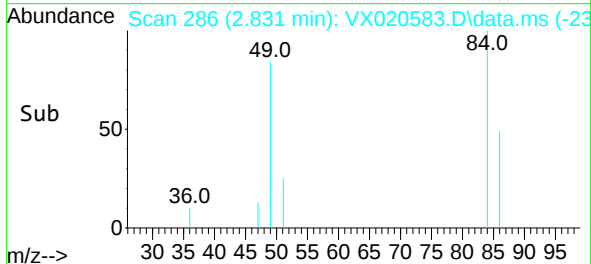
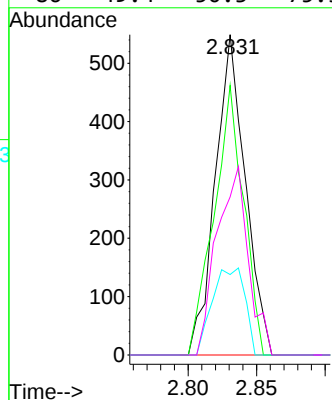
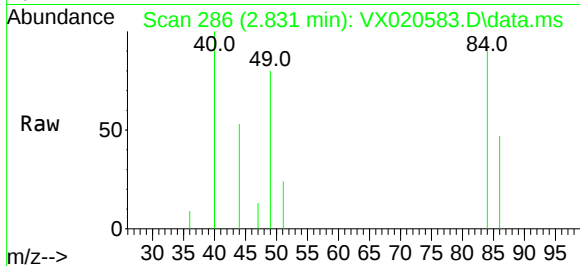




#20
Methylene Chloride
Concen: 0.38 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020583.D
Acq: 12 Jan 2021 16:48

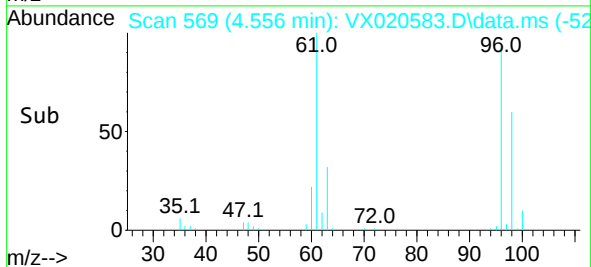
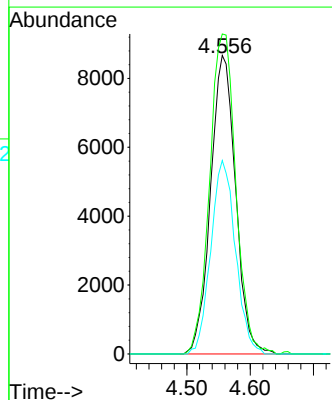
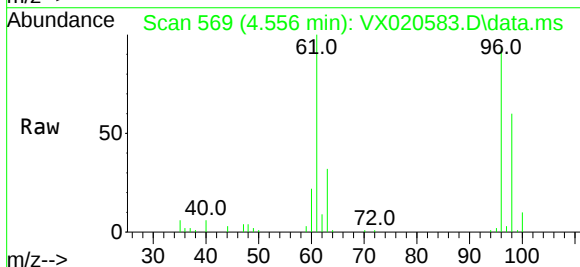
Instrument :
MSVOA_X
ClientSampleId :
IBLK

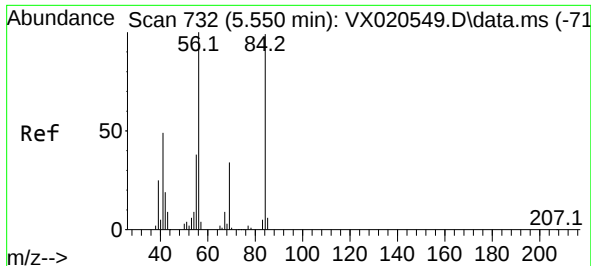
Tgt Ion: 84	Resp: 836
Ion Ratio	Lower Upper
84 100	
49 84.2	88.6 132.8#
51 25.1	27.0 40.6#
86 49.4	50.3 75.5#



#27
cis-1,2-Dichloroethene
Concen: 10.19 ug/l
RT: 4.556 min Scan# 569
Delta R.T. -0.006 min
Lab File: VX020583.D
Acq: 12 Jan 2021 16:48

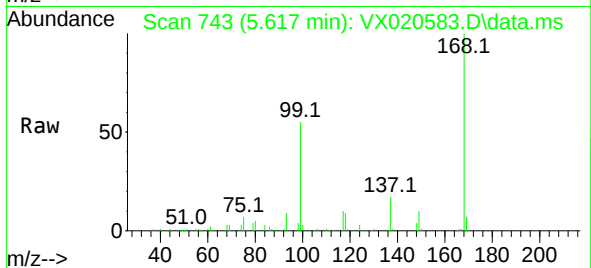
Tgt Ion: 96	Resp: 23817
Ion Ratio	Lower Upper
96 100	
61 111.8	0.0 285.6
98 63.8	0.0 129.6



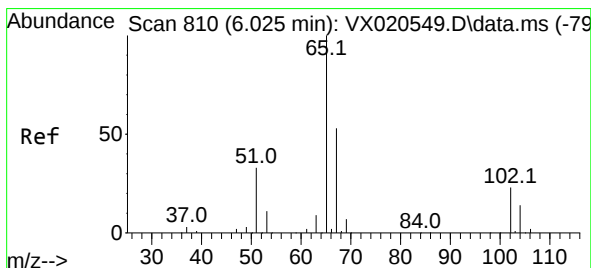
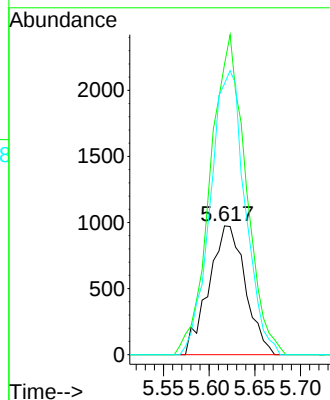
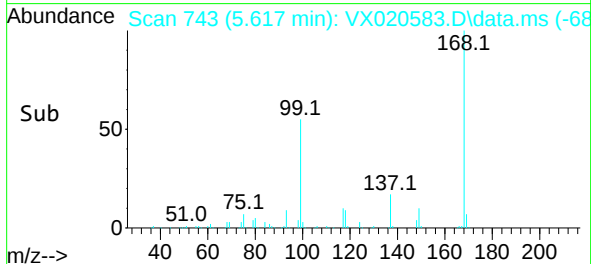


#31
Cyclohexane
Concen: 0.98 ug/l
RT: 5.617 min Scan# 743
Delta R.T. 0.067 min
Lab File: VX020583.D
Acq: 12 Jan 2021 16:48

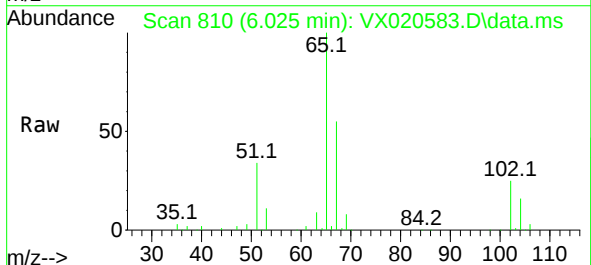
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MSVOA_X
ClientSampleId :
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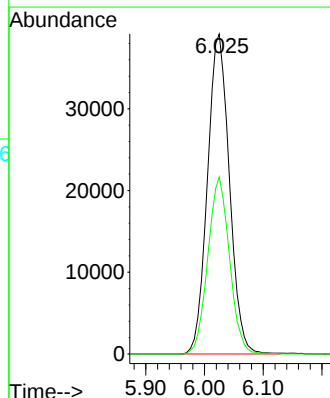
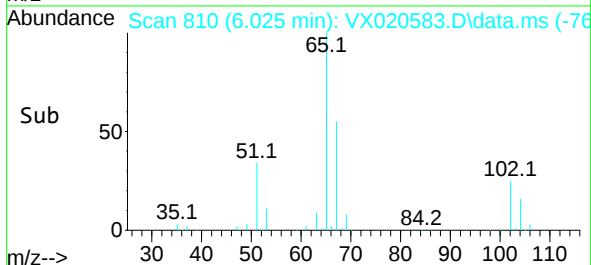
Tgt Ion: 56 Resp: 2690
Ion Ratio Lower Upper
56 100
69 220.2 25.3 37.9#
84 210.6 71.4 107.0#

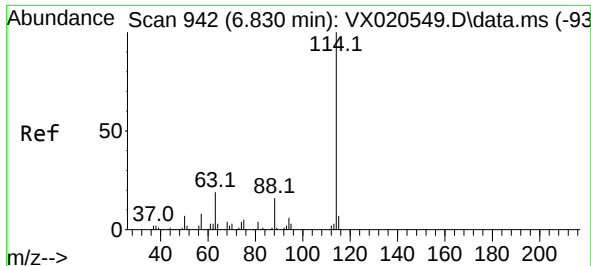


#33
1,2-Dichloroethane-d4
Concen: 43.28 ug/l
RT: 6.025 min Scan# 810
Delta R.T. 0.000 min
Lab File: VX020583.D
Acq: 12 Jan 2021 16:48



Tgt Ion: 65 Resp: 101553
Ion Ratio Lower Upper
65 100
67 54.5 0.0 105.4

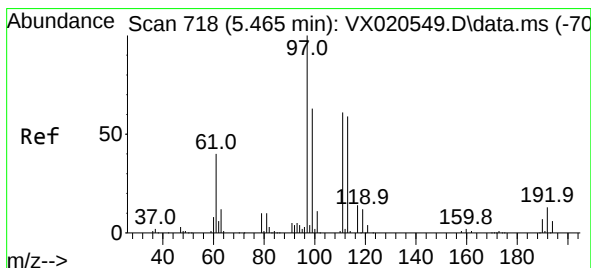
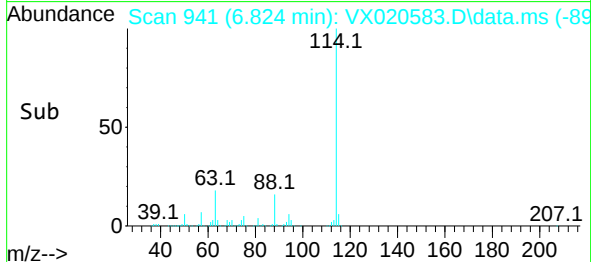
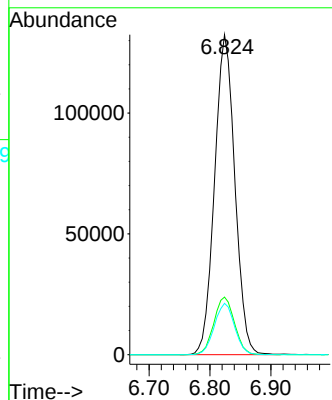
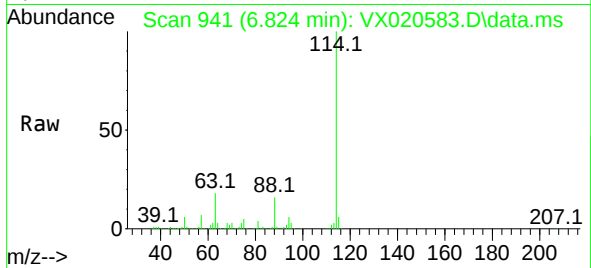




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.824 min Scan# 941
Delta R.T. -0.006 min
Lab File: VX020583.D
Acq: 12 Jan 2021 16:48

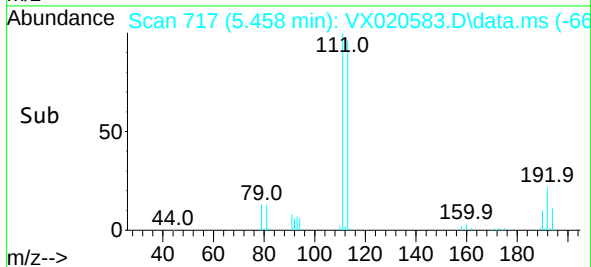
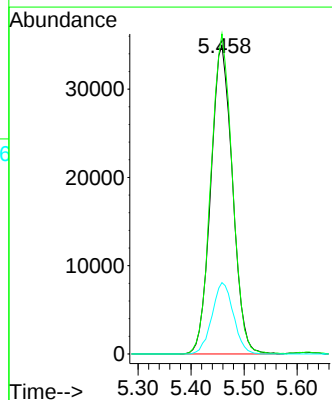
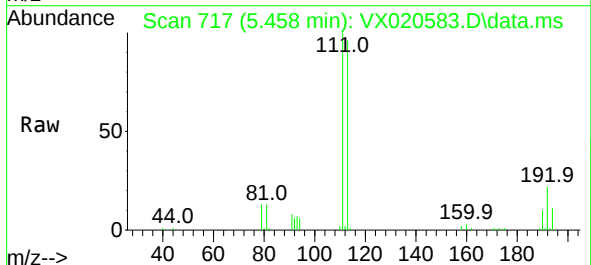
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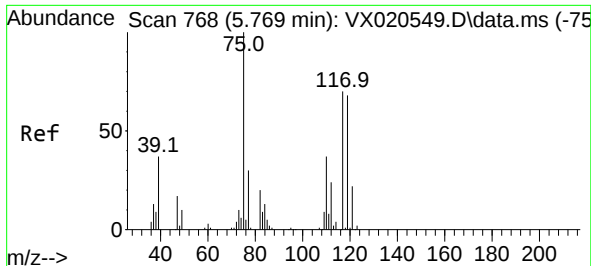
Tgt Ion:114 Resp: 305763
Ion Ratio Lower Upper
114 100
63 18.0 0.0 40.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 46.87 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.007 min
Lab File: VX020583.D
Acq: 12 Jan 2021 16:48

Tgt Ion:113 Resp: 99291
Ion Ratio Lower Upper
113 100
111 102.4 81.9 122.9
192 22.8 16.7 25.1

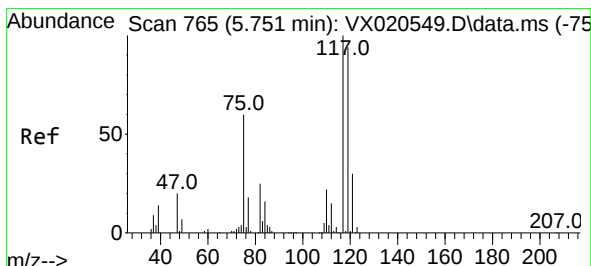
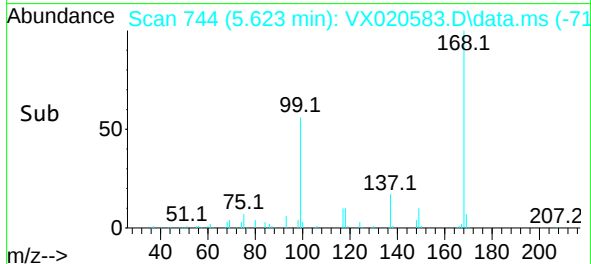
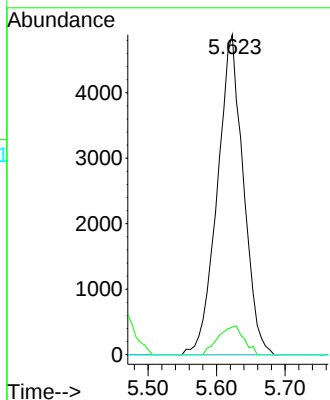
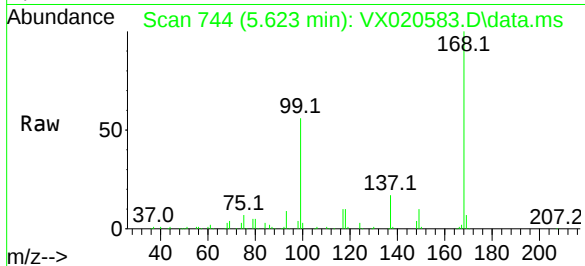




#36
1,1-Dichloropropene
Concen: 4.60 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX020583.D
Acq: 12 Jan 2021 16:48

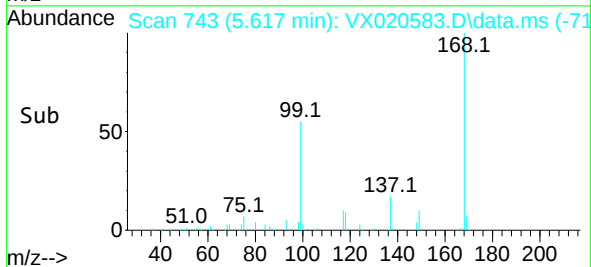
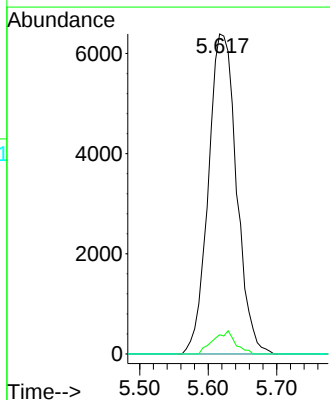
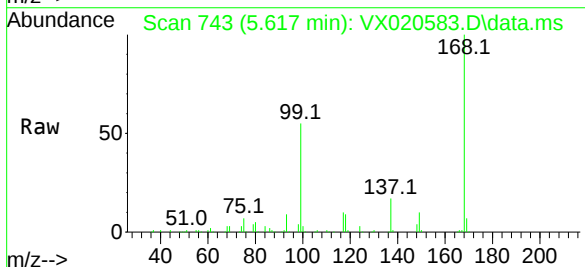
Instrument :
MSVOA_X
ClientSampled :
IBLK

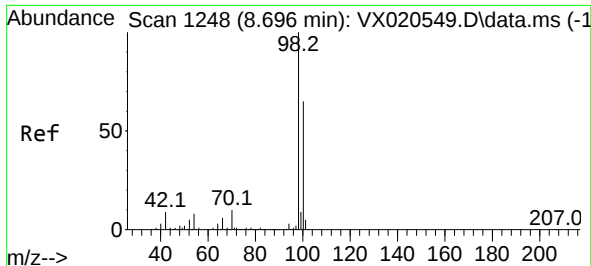
Tgt Ion: 75 Resp: 12852
Ion Ratio Lower Upper
75 100
110 8.9 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.60 ug/l
RT: 5.617 min Scan# 743
Delta R.T. -0.134 min
Lab File: VX020583.D
Acq: 12 Jan 2021 16:48

Tgt Ion: 117 Resp: 18249
Ion Ratio Lower Upper
117 100
119 6.0 76.2 114.2#
121 0.0 24.8 37.2#

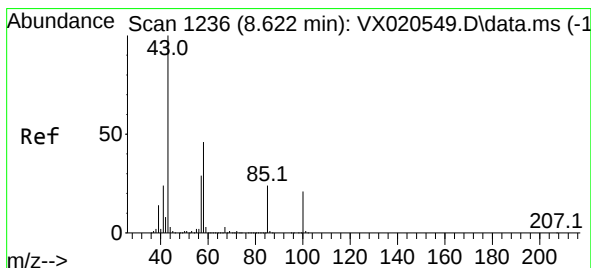
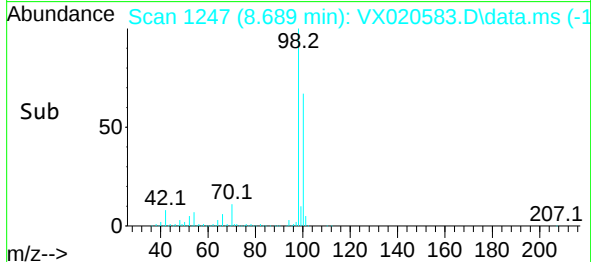
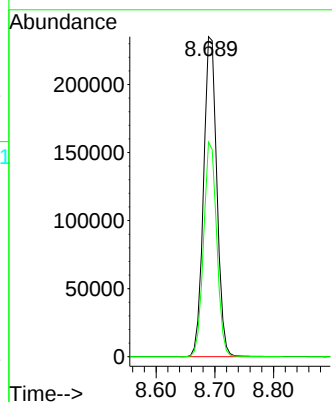
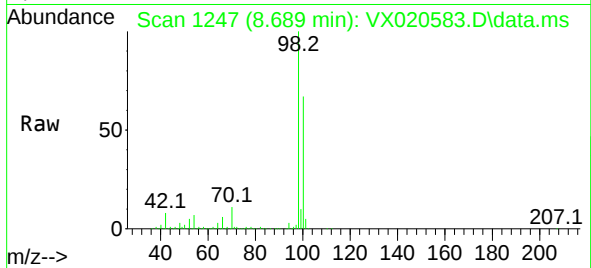




#50
Toluene-d8
Concen: 48.78 ug/l
RT: 8.689 min Scan# 1247
Delta R.T. -0.007 min
Lab File: VX020583.D
Acq: 12 Jan 2021 16:48

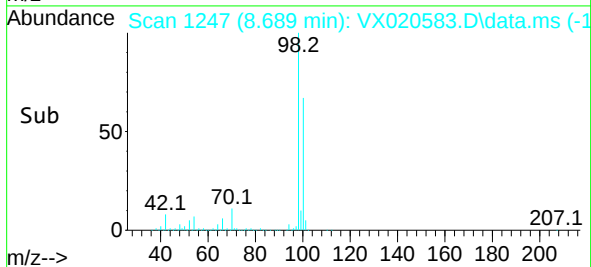
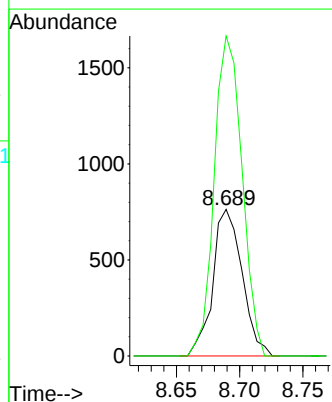
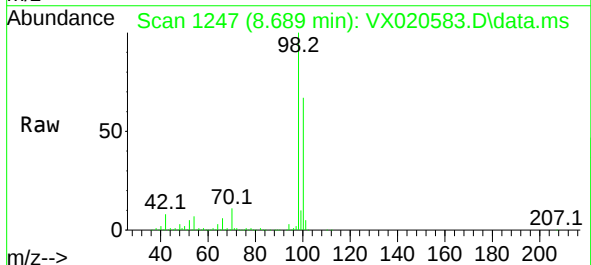
Instrument :
MSVOA_X
ClientSampled :
IBLK

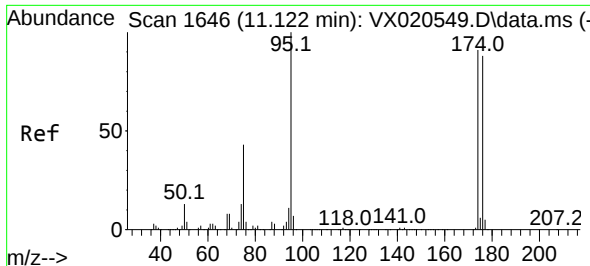
Tgt Ion: 98 Resp: 369805
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.50 ug/l
RT: 8.689 min Scan# 1247
Delta R.T. 0.067 min
Lab File: VX020583.D
Acq: 12 Jan 2021 16:48

Tgt Ion: 43 Resp: 1231
Ion Ratio Lower Upper
43 100
58 207.2 35.4 53.0#

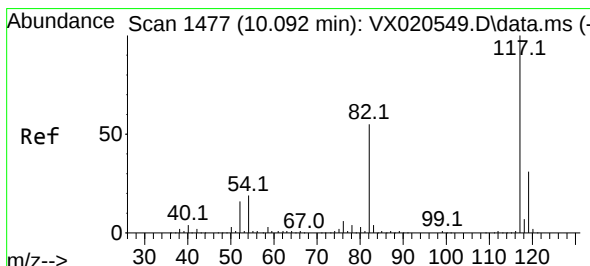
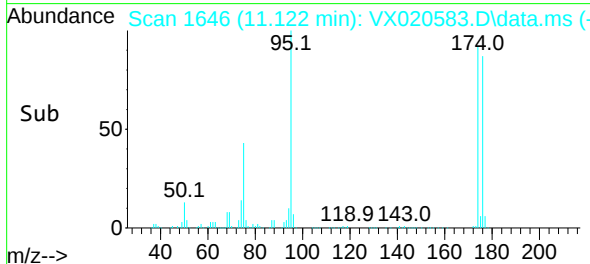
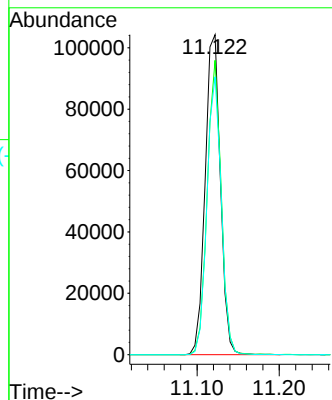
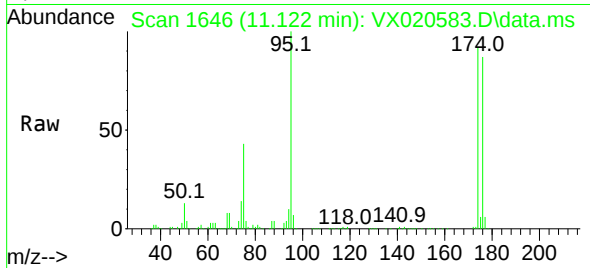




#62
4-Bromofluorobenzene
Concen: 50.07 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020583.D
Acq: 12 Jan 2021 16:48

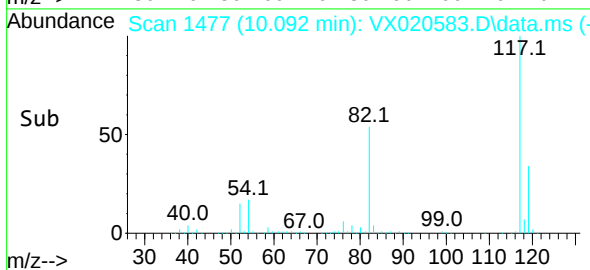
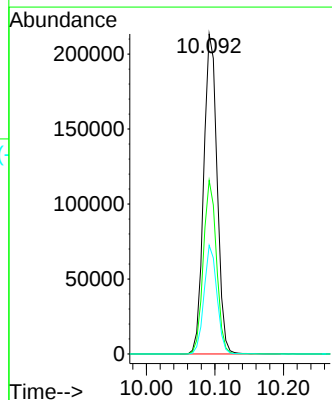
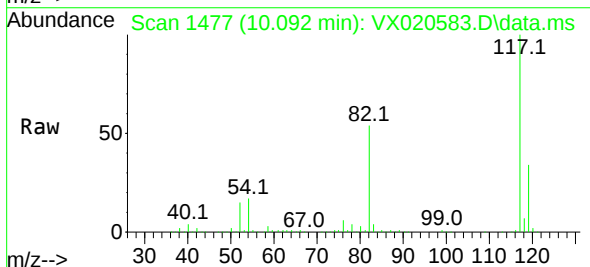
Instrument :
MSVOA_X
ClientSampleId :
IBLK

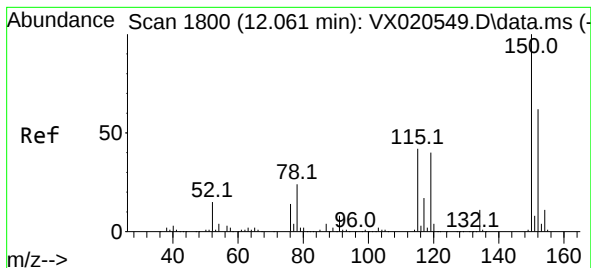
Tgt Ion: 95 Resp: 134054
Ion Ratio Lower Upper
95 100
174 84.6 0.0 154.6
176 82.2 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.001 min
Lab File: VX020583.D
Acq: 12 Jan 2021 16:48

Tgt Ion: 117 Resp: 291577
Ion Ratio Lower Upper
117 100
82 54.3 47.4 71.2
119 34.0 26.6 39.8

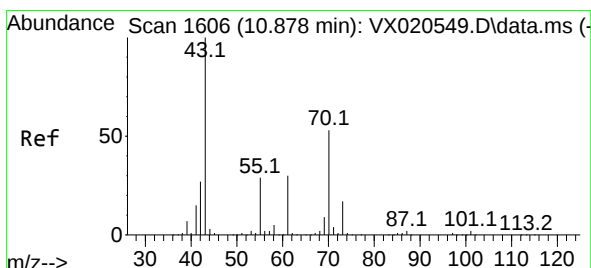
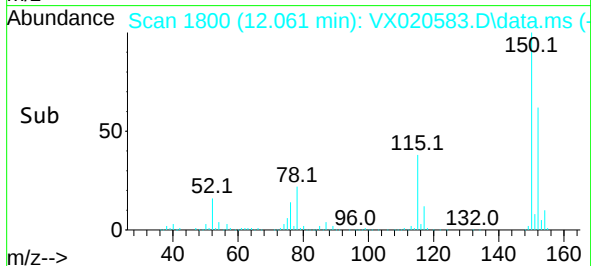
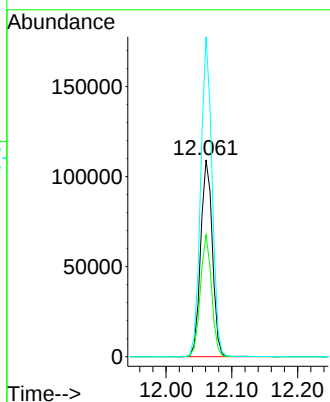
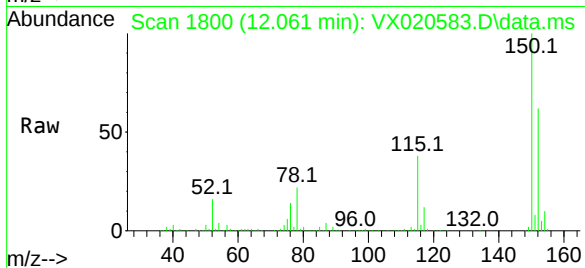




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020583.D
Acq: 12 Jan 2021 16:48

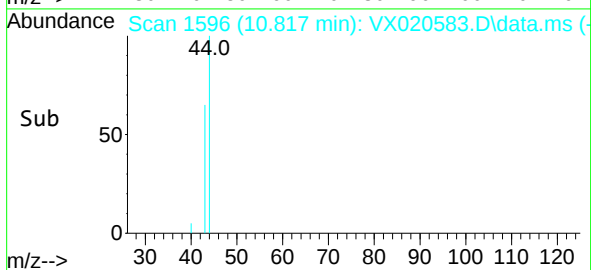
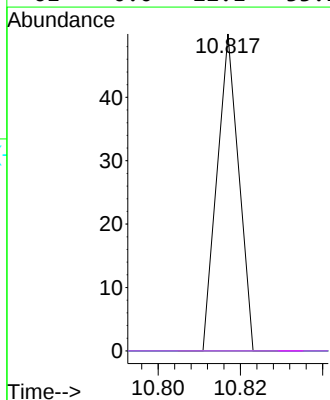
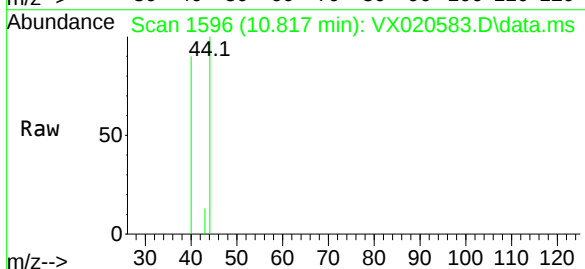
Instrument :
MSVOA_X
ClientSampled :
IBLK

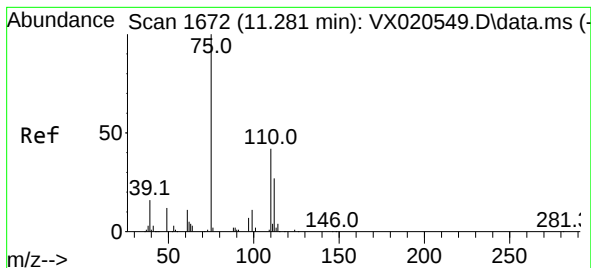
Tgt Ion:152 Resp: 135270
Ion Ratio Lower Upper
152 100
115 59.1 41.1 123.3
150 157.2 0.0 349.0



#74
N-ethyl acetate
Concen: 1.24 ug/l
RT: 10.817 min Scan# 1596
Delta R.T. -0.061 min
Lab File: VX020583.D
Acq: 12 Jan 2021 16:48

Tgt Ion: 43 Resp: 18
Ion Ratio Lower Upper
43 100
70 0.0 39.0 58.6#
55 0.0 21.5 32.3#
61 0.0 22.1 33.1#

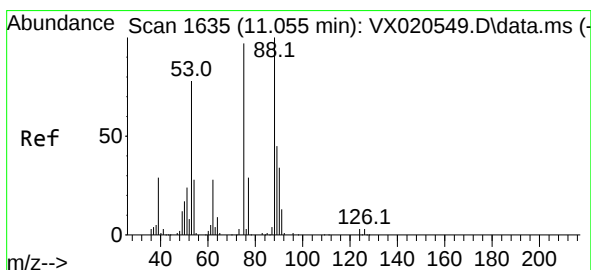
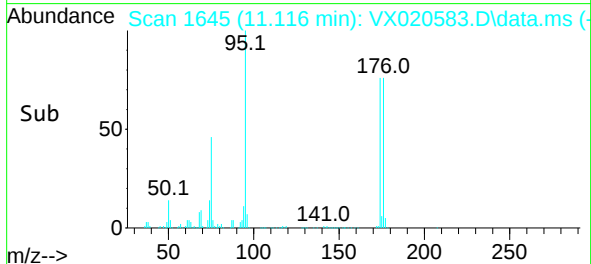
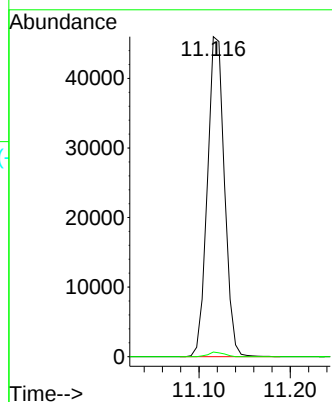
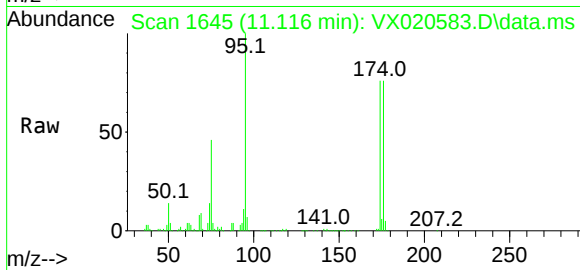




#76
1,2,3-Trichloropropane
Concen: 20.87 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. -0.165 min
Lab File: VX020583.D
Acq: 12 Jan 2021 16:48

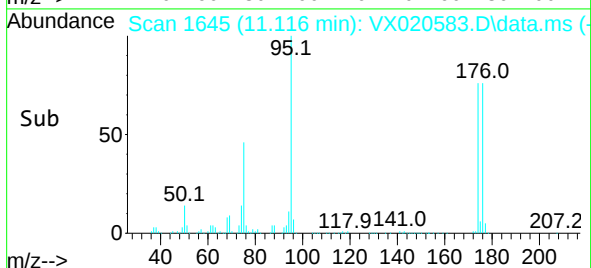
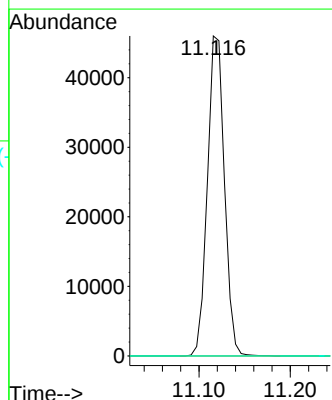
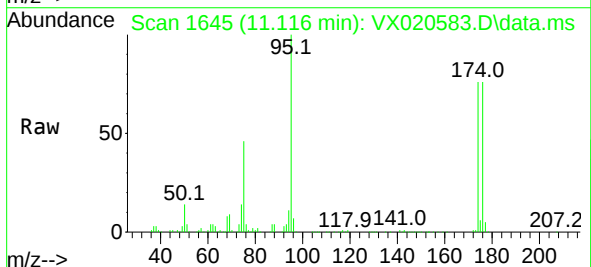
Instrument :
MSVOA_X
ClientSampled :
IBLK

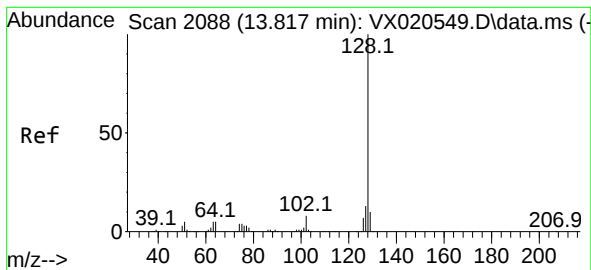
Tgt Ion: 75 Resp: 59484
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.87 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX020583.D
Acq: 12 Jan 2021 16:48

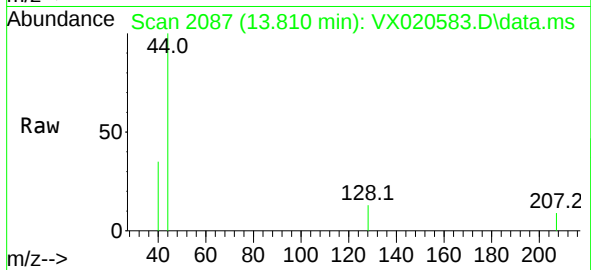
Tgt Ion: 75 Resp: 59484
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 3.85 ug/l
RT: 13.810 min Scan# 2087
Delta R.T. -0.007 min
Lab File: VX020583.D
Acq: 12 Jan 2021 16:48

Instrument :
MSVOA_X
ClientSampleId :
IBLK



Tgt Ion:128 Resp: 96
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

