

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011121\
 Data File : VX020564.D
 Acq On : 11 Jan 2021 21:00
 Operator : JC/MD
 Sample : M1071-02 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 12 02:56:13 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)

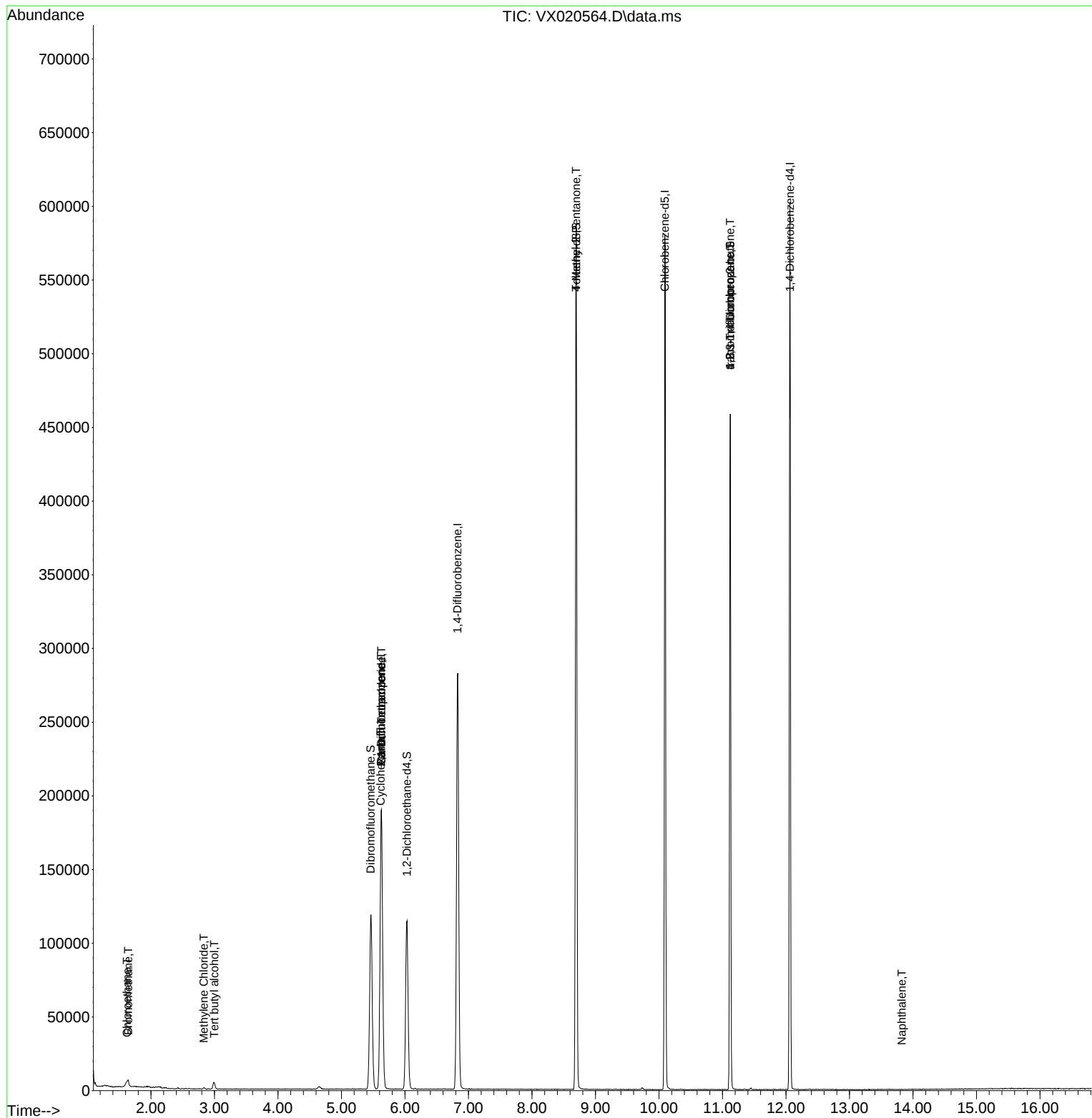
Internal Standards						
1) Pentafluorobenzene	5.623	168	185863	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	301192	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	283005	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	128669	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	113096	50.66	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.32%
35) Dibromofluoromethane	5.458	113	101643	48.70	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.40%
50) Toluene-d8	8.696	98	355449	47.60	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.20%
62) 4-Bromofluorobenzene	11.122	95	122839	46.58	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.16%
Target Compounds						
					Qvalue	
5) Bromomethane	1.642	94	313	0.24	ug/l	98
6) Chloroethane	1.624	64	45	0.46	ug/l #	43
11) Tert butyl alcohol	2.995	59	2559	4.02	ug/l #	73
16) Acetone	2.422	43	632	Below	Cal	92
20) Methylene Chloride	2.831	84	489	0.23	ug/l	88
31) Cyclohexane	5.617	56	3174	1.21	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	13137	4.77	ug/l #	49
38) Carbon Tetrachloride	5.629	117	18130	5.65	ug/l #	16
51) 4-Methyl-2-Pentanone	8.696	43	1338	0.56	ug/l #	1
76) 1,2,3-Trichloropropane	11.122	75	59174	21.83	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	59174	59.48	ug/l #	12
95) Naphthalene	13.823	128	79	3.85	ug/l #	69

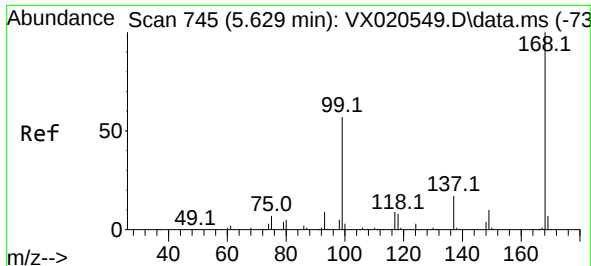
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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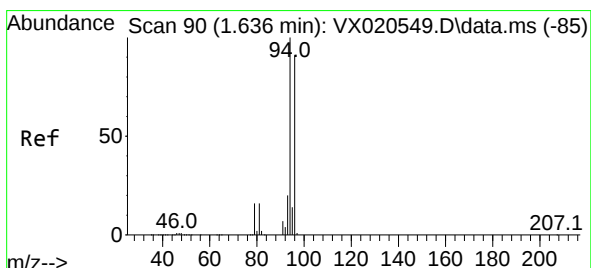
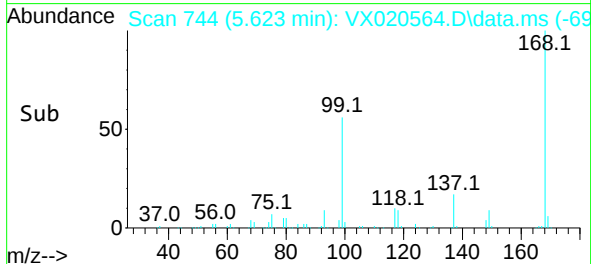
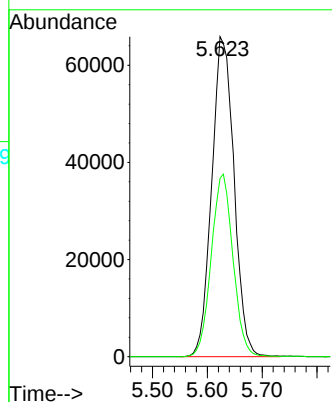
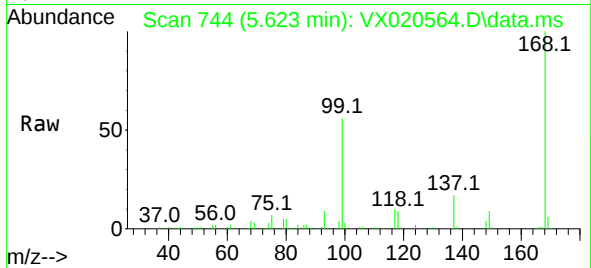




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.006 min
Lab File: VX020564.D
Acq: 11 Jan 2021 21:00

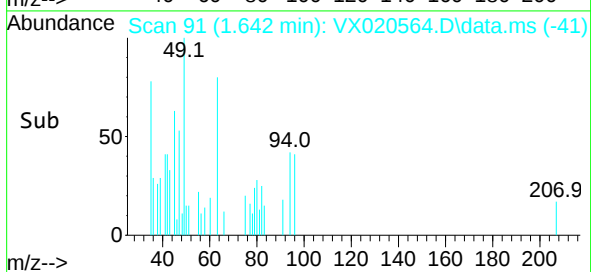
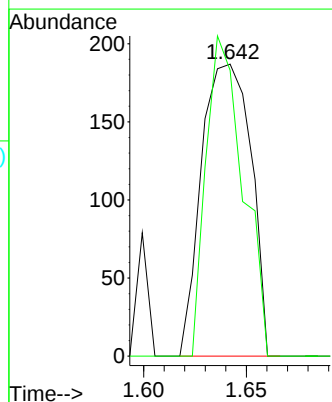
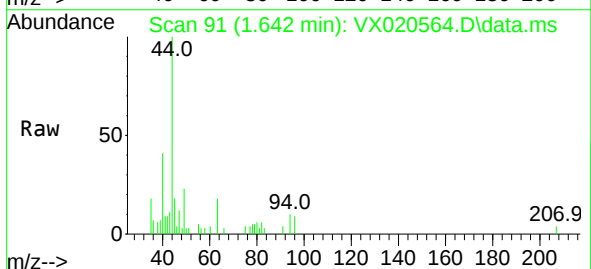
Instrument :
MSVOA_X
ClientSampleId :

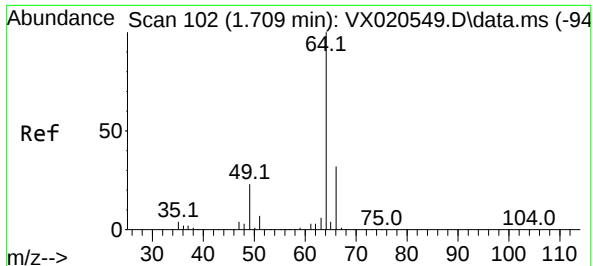
Tgt Ion:168 Resp: 185863
Ion Ratio Lower Upper
168 100
99 55.7 45.8 68.6



#5
Bromomethane
Concen: 0.24 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX020564.D
Acq: 11 Jan 2021 21:00

Tgt Ion: 94 Resp: 313
Ion Ratio Lower Upper
94 100
96 97.9 76.4 114.6

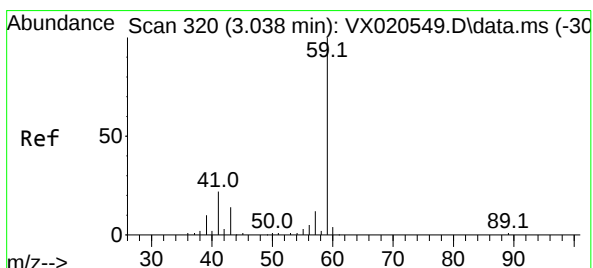
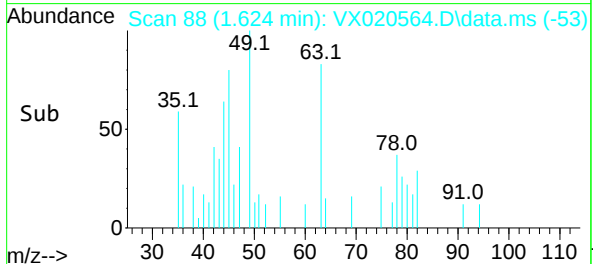
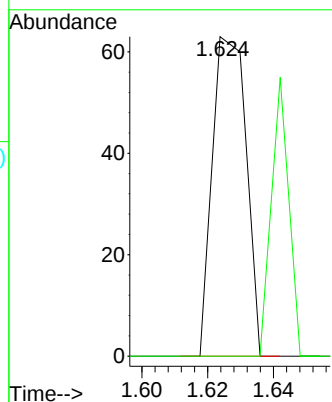
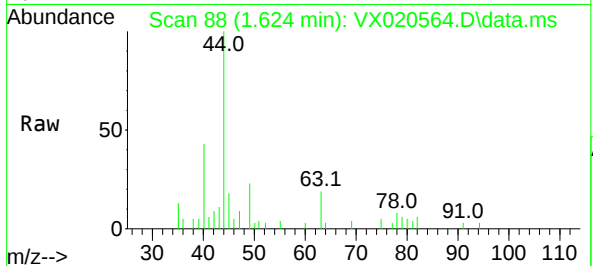




#6
Chloroethane
Concen: 0.46 ug/l
RT: 1.624 min Scan# 88
Delta R.T. -0.085 min
Lab File: VX020564.D
Acq: 11 Jan 2021 21:00

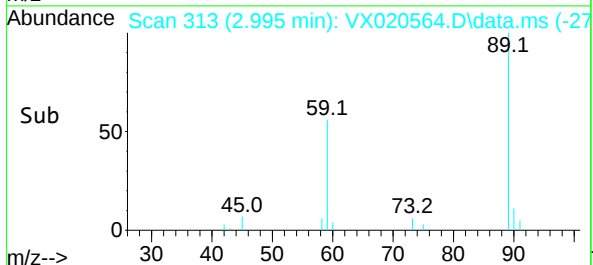
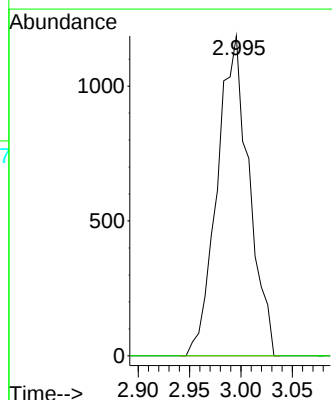
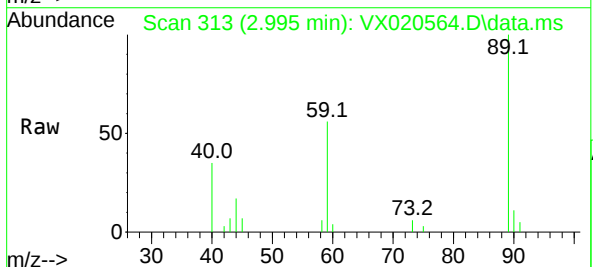
Instrument :
MSVOA_X
ClientSampleId :

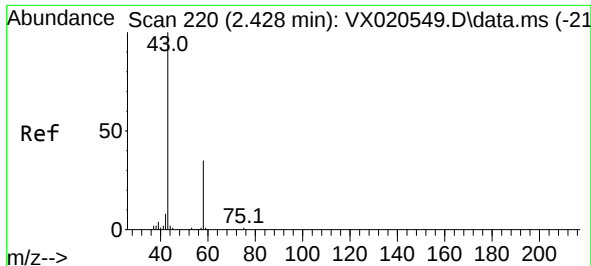
Tgt Ion: 64 Resp: 45
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: 4.02 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.043 min
Lab File: VX020564.D
Acq: 11 Jan 2021 21:00

Tgt Ion: 59 Resp: 2559
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

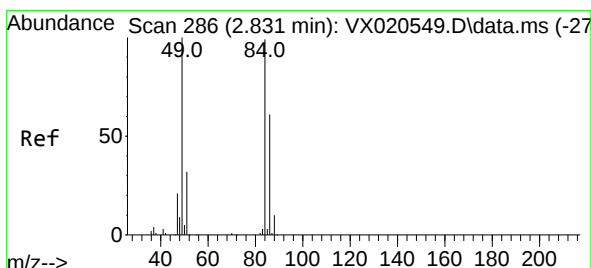
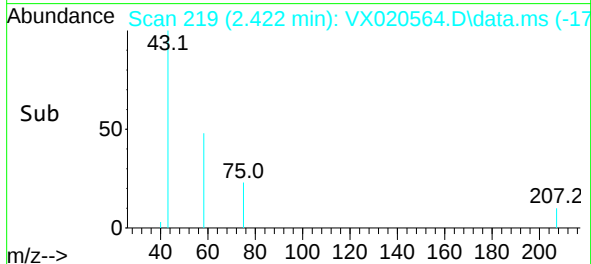
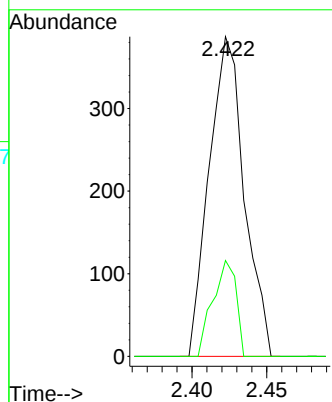
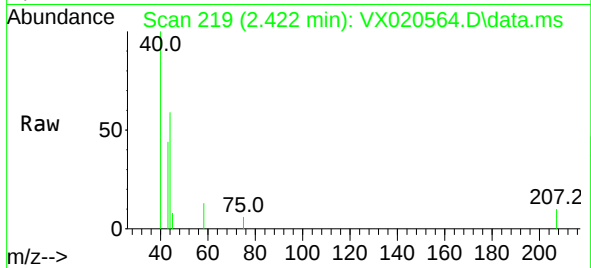




#16
Acetone
Concen: Below Cal
RT: 2.422 min Scan# 219
Delta R.T. -0.006 min
Lab File: VX020564.D
Acq: 11 Jan 2021 21:00

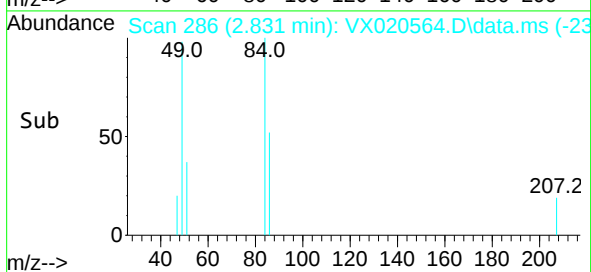
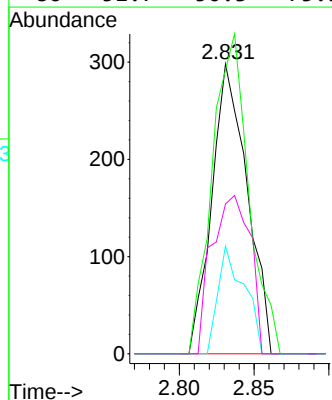
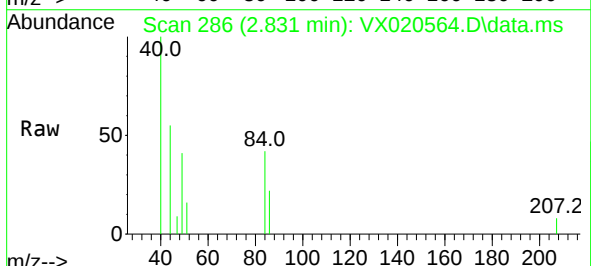
Instrument :
MSVOA_X
ClientSampled :

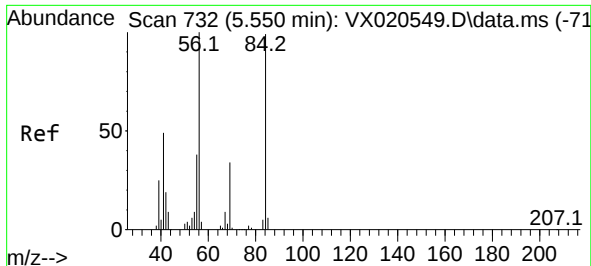
Tgt Ion: 43 Resp: 632
Ion Ratio Lower Upper
43 100
58 30.0 27.8 41.8



#20
Methylene Chloride
Concen: 0.23 ug/l
RT: 2.831 min Scan# 286
Delta R.T. -0.000 min
Lab File: VX020564.D
Acq: 11 Jan 2021 21:00

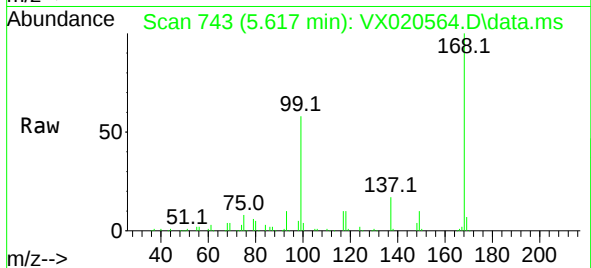
Tgt Ion: 84 Resp: 489
Ion Ratio Lower Upper
84 100
49 98.0 88.6 132.8
51 37.2 27.0 40.6
86 51.7 50.3 75.5



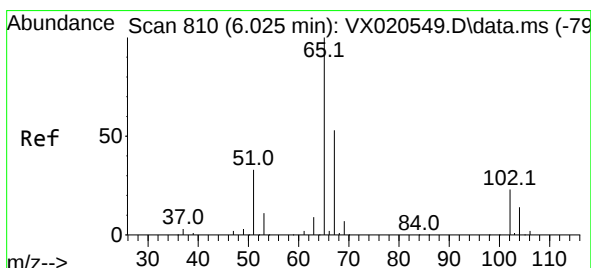
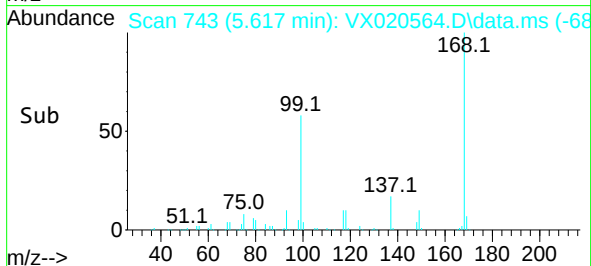
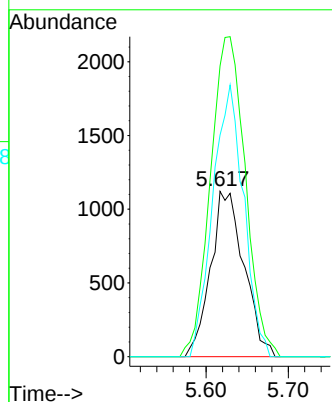


#31
Cyclohexane
Concen: 1.21 ug/l
RT: 5.617 min Scan# 743
Delta R.T. 0.067 min
Lab File: VX020564.D
Acq: 11 Jan 2021 21:00

Instrument :
MSVOA_X
ClientSampleId :

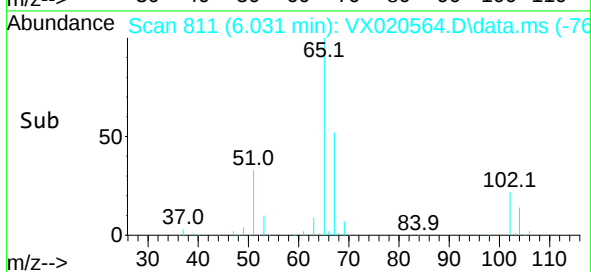
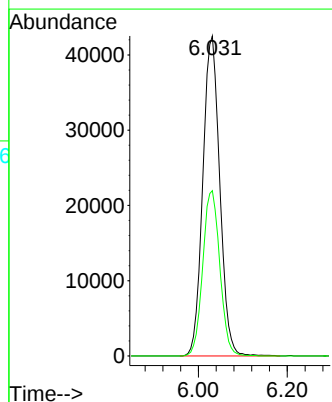
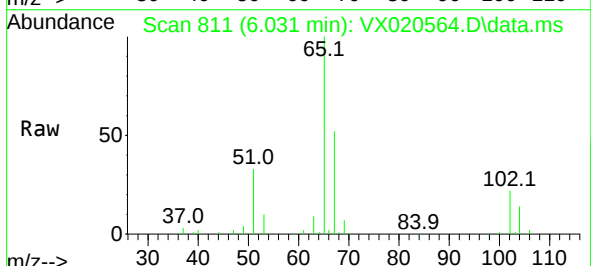


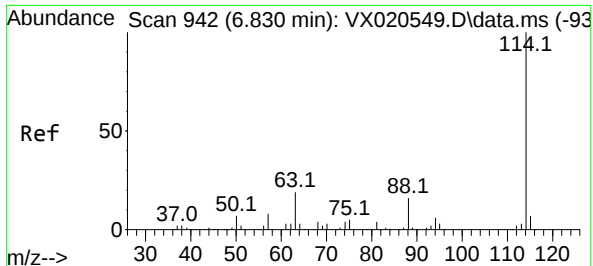
Tgt Ion: 56 Resp: 3174
Ion Ratio Lower Upper
56 100
69 175.9 25.3 37.9#
84 134.1 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 50.66 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.006 min
Lab File: VX020564.D
Acq: 11 Jan 2021 21:00

Tgt Ion: 65 Resp: 113096
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.4

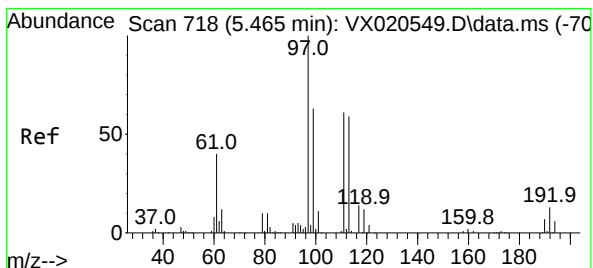
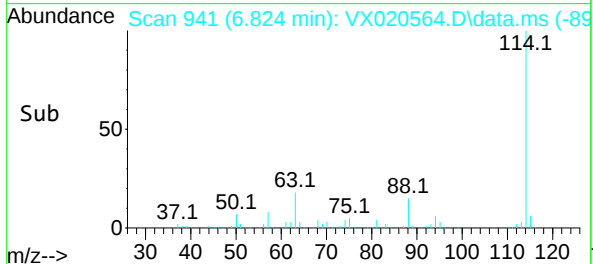
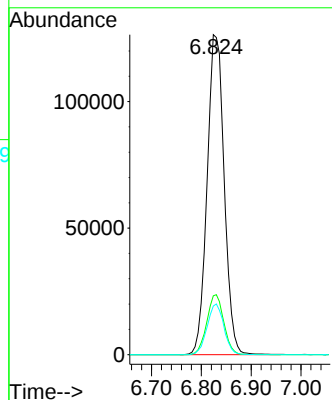
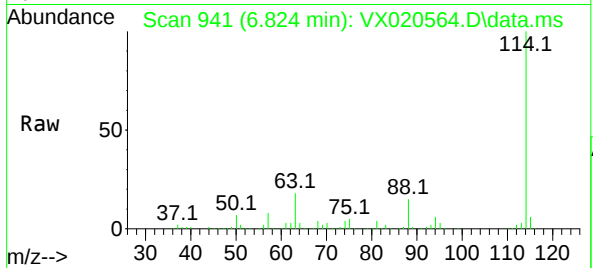




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.824 min Scan# 941
Delta R.T. -0.006 min
Lab File: VX020564.D
Acq: 11 Jan 2021 21:00

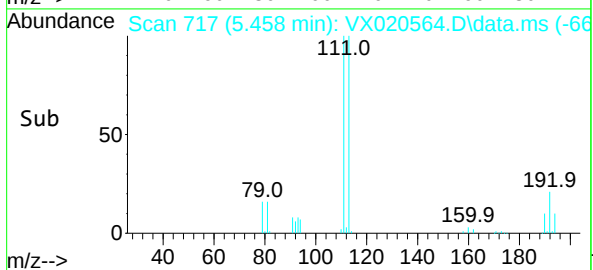
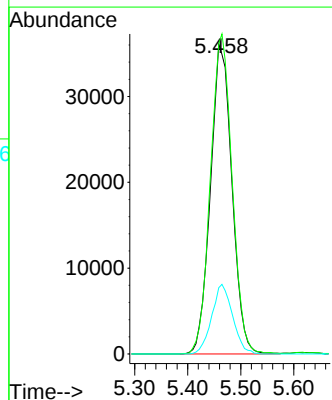
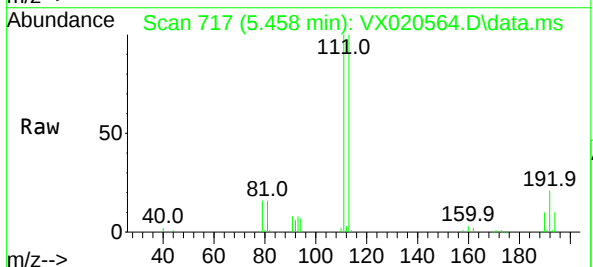
Instrument :
MSVOA_X
ClientSampled :

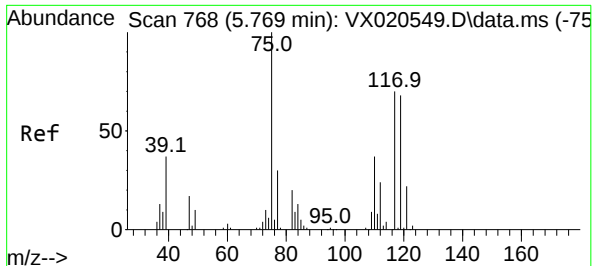
Tgt Ion:114 Resp: 301192
Ion Ratio Lower Upper
114 100
63 18.4 0.0 40.8
88 15.2 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.70 ug/l
RT: 5.458 min Scan# 717
Delta R.T. -0.007 min
Lab File: VX020564.D
Acq: 11 Jan 2021 21:00

Tgt Ion:113 Resp: 101643
Ion Ratio Lower Upper
113 100
111 104.1 81.9 122.9
192 21.9 16.7 25.1

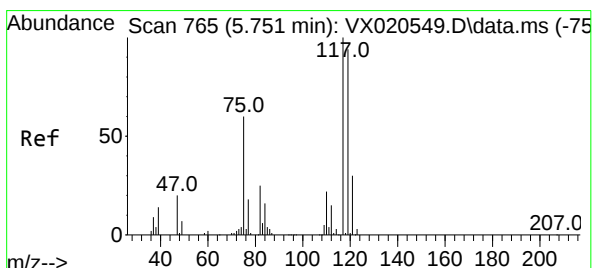
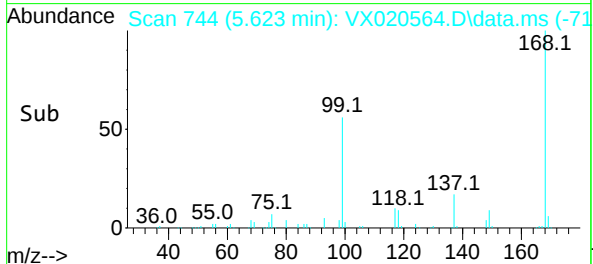
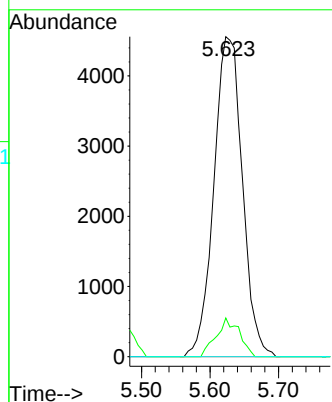
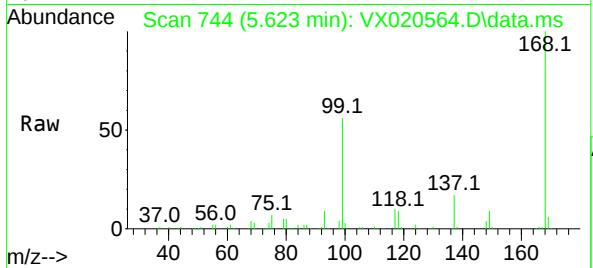




#36
1,1-Dichloropropene
Concen: 4.77 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX020564.D
Acq: 11 Jan 2021 21:00

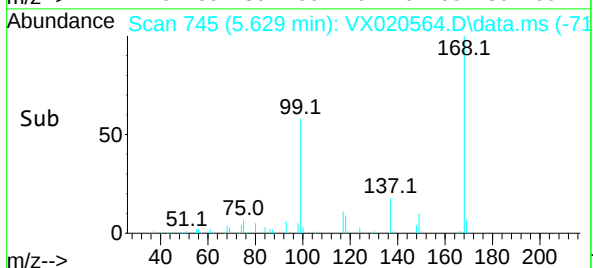
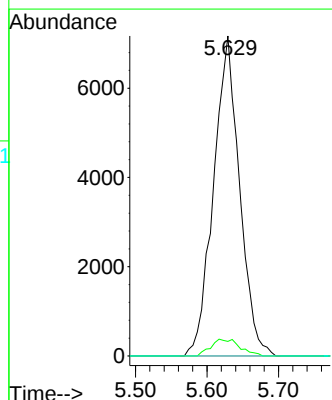
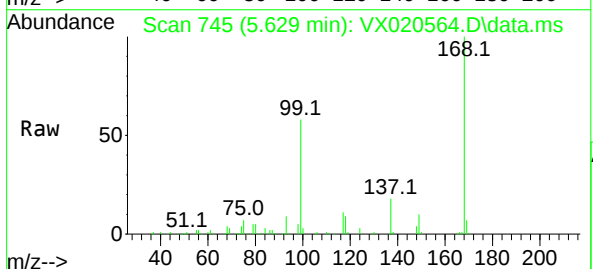
Instrument :
MSVOA_X
ClientSampled :

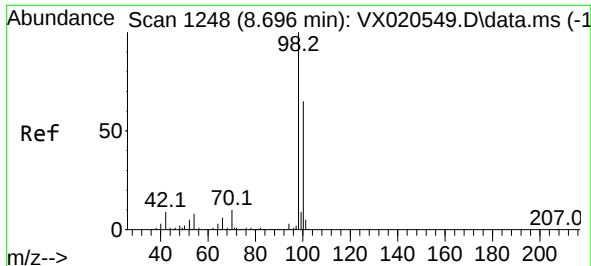
Tgt Ion: 75 Resp: 13137
Ion Ratio Lower Upper
75 100
110 9.8 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.65 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX020564.D
Acq: 11 Jan 2021 21:00

Tgt Ion: 117 Resp: 18130
Ion Ratio Lower Upper
117 100
119 4.5 76.2 114.2#
121 0.0 24.8 37.2#

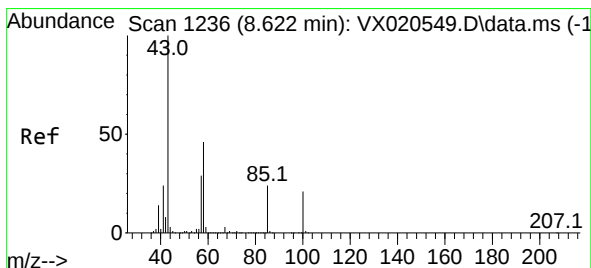
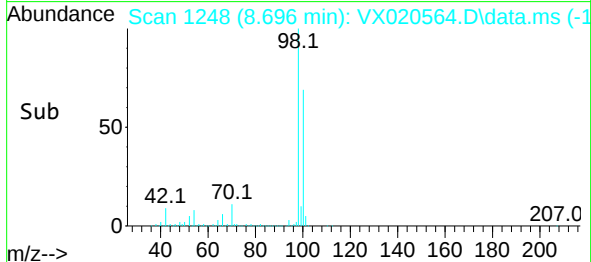
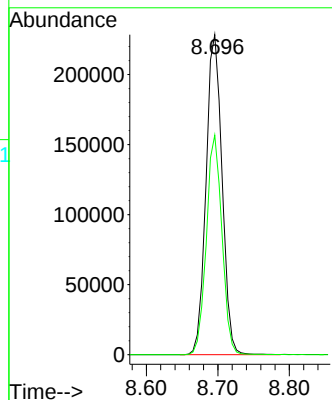
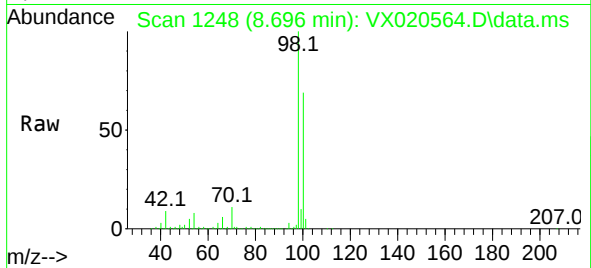




#50
Toluene-d8
Concen: 47.60 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020564.D
Acq: 11 Jan 2021 21:00

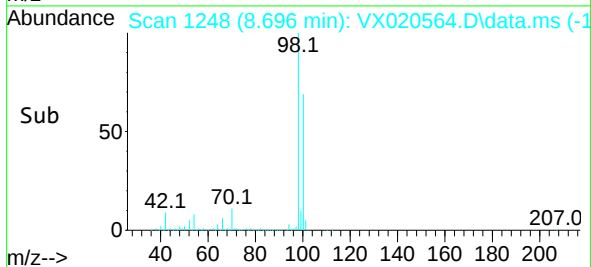
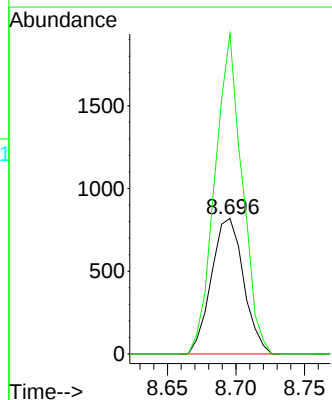
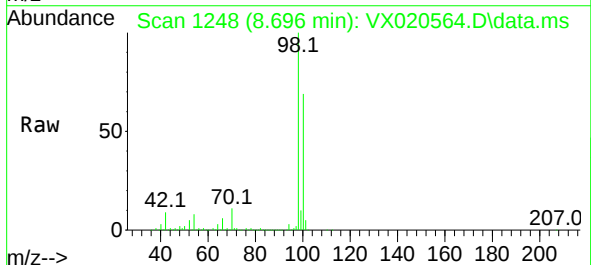
Instrument :
MSVOA_X
ClientSampled :

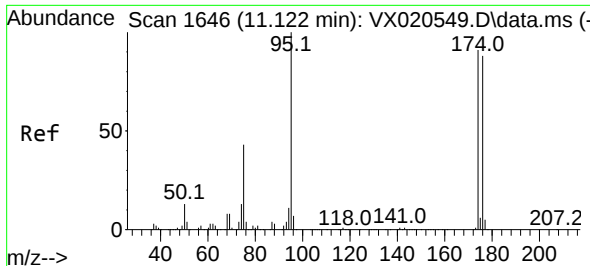
Tgt Ion: 98 Resp: 355449
Ion Ratio Lower Upper
98 100
100 66.8 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.56 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.074 min
Lab File: VX020564.D
Acq: 11 Jan 2021 21:00

Tgt Ion: 43 Resp: 1338
Ion Ratio Lower Upper
43 100
58 200.2 35.4 53.0#

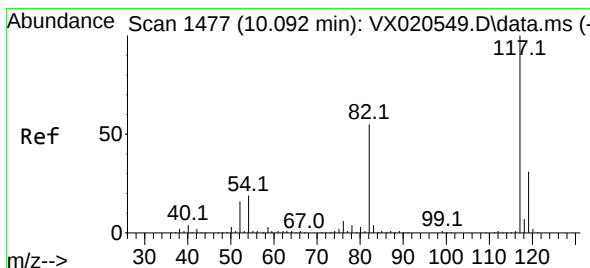
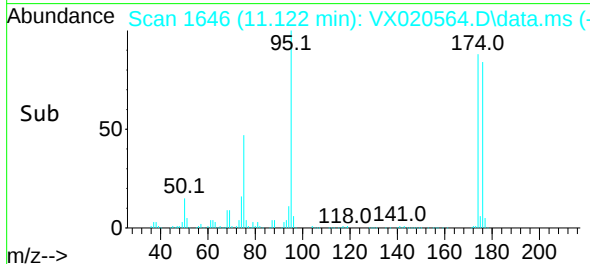
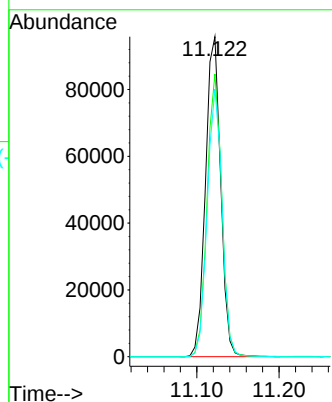
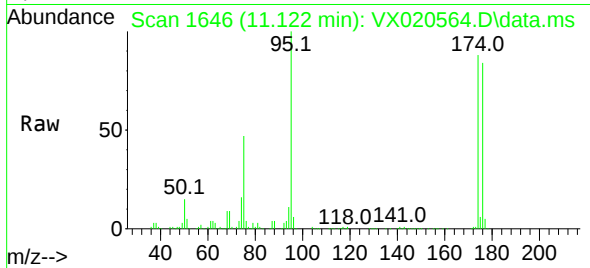




#62
4-Bromofluorobenzene
Concen: 46.58 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.000 min
Lab File: VX020564.D
Acq: 11 Jan 2021 21:00

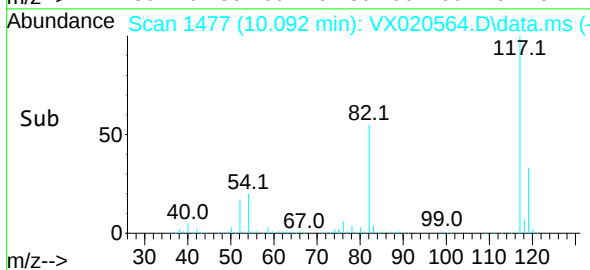
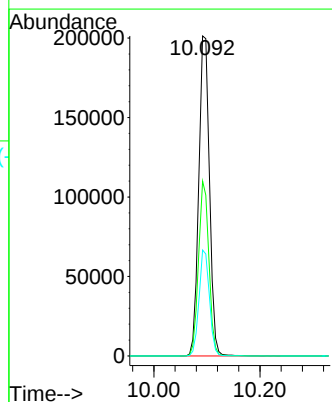
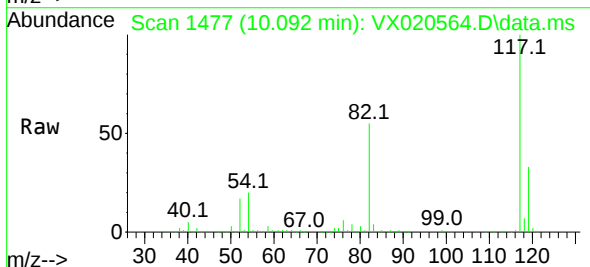
Instrument :
MSVOA_X
ClientSampled :

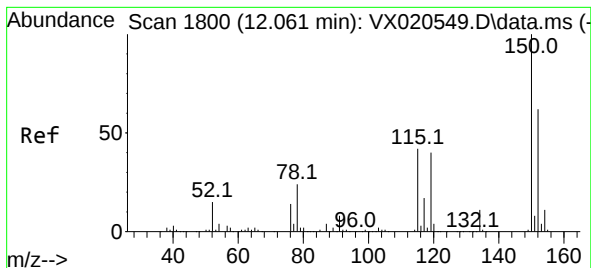
Tgt Ion: 95 Resp: 122839
Ion Ratio Lower Upper
95 100
174 86.2 0.0 154.6
176 82.0 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VX020564.D
Acq: 11 Jan 2021 21:00

Tgt Ion: 117 Resp: 283005
Ion Ratio Lower Upper
117 100
82 54.7 47.4 71.2
119 33.1 26.6 39.8

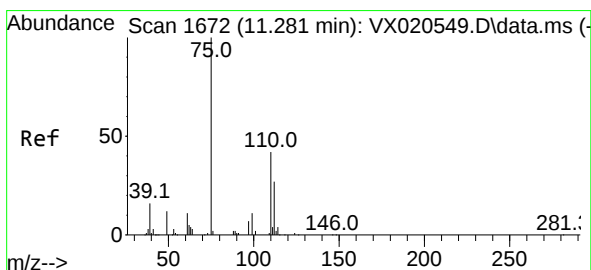
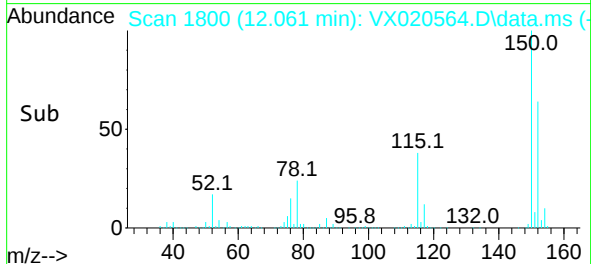
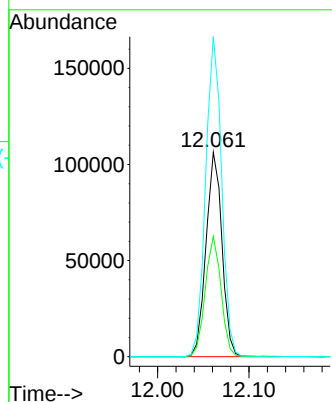
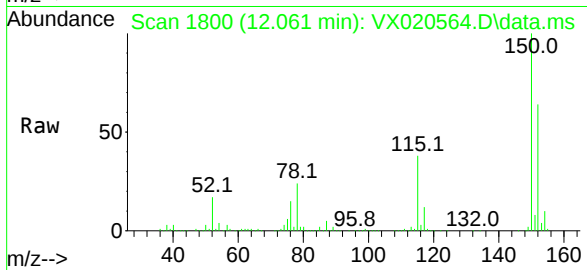




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX020564.D
 Acq: 11 Jan 2021 21:00

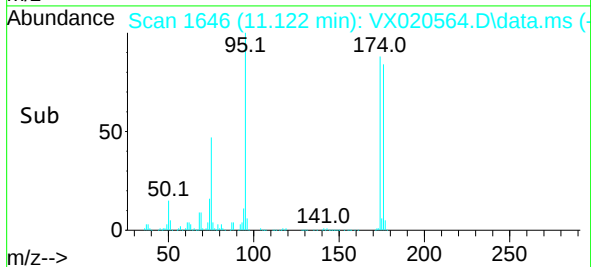
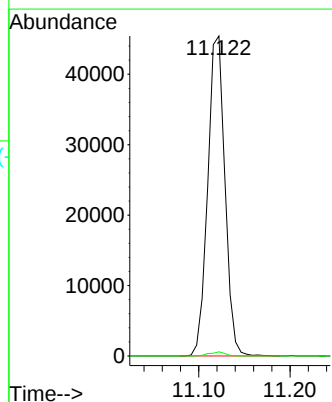
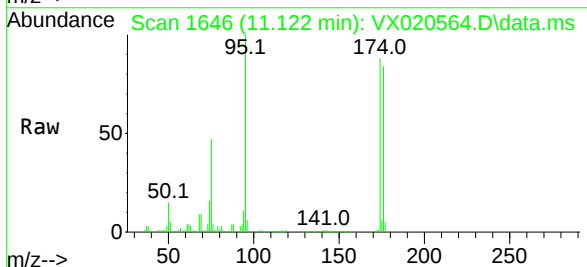
Instrument :
 MSVOA_X
 ClientSampleId :

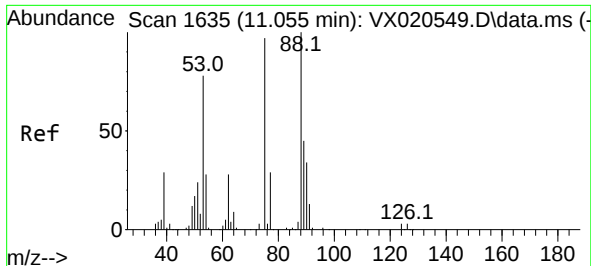
Tgt Ion:152 Resp: 128669
 Ion Ratio Lower Upper
 152 100
 115 58.3 41.1 123.3
 150 157.0 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 21.83 ug/l
 RT: 11.122 min Scan# 1646
 Delta R.T. -0.159 min
 Lab File: VX020564.D
 Acq: 11 Jan 2021 21:00

Tgt Ion: 75 Resp: 59174
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#

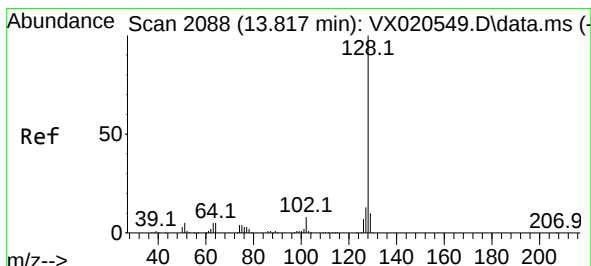
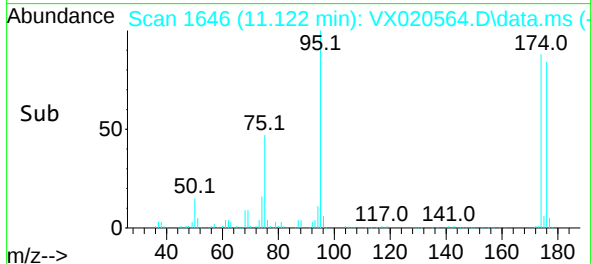
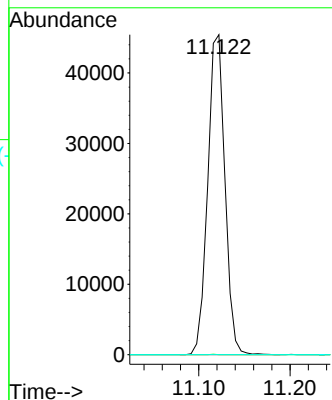
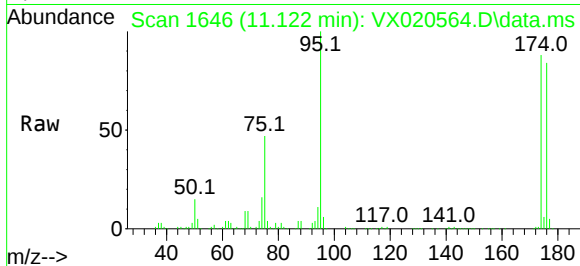




#81
trans-1,4-Dichloro-2-butene
Concen: 59.48 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020564.D
Acq: 11 Jan 2021 21:00

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion: 75 Resp: 59174
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: 13.823 min Scan# 2089
Delta R.T. 0.006 min
Lab File: VX020564.D
Acq: 11 Jan 2021 21:00

Tgt Ion: 128 Resp: 79
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

