

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011121\
 Data File : VX020566.D
 Acq On : 11 Jan 2021 21:46
 Operator : JC/MD
 Sample : M1071-04 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 12 02:56:48 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)

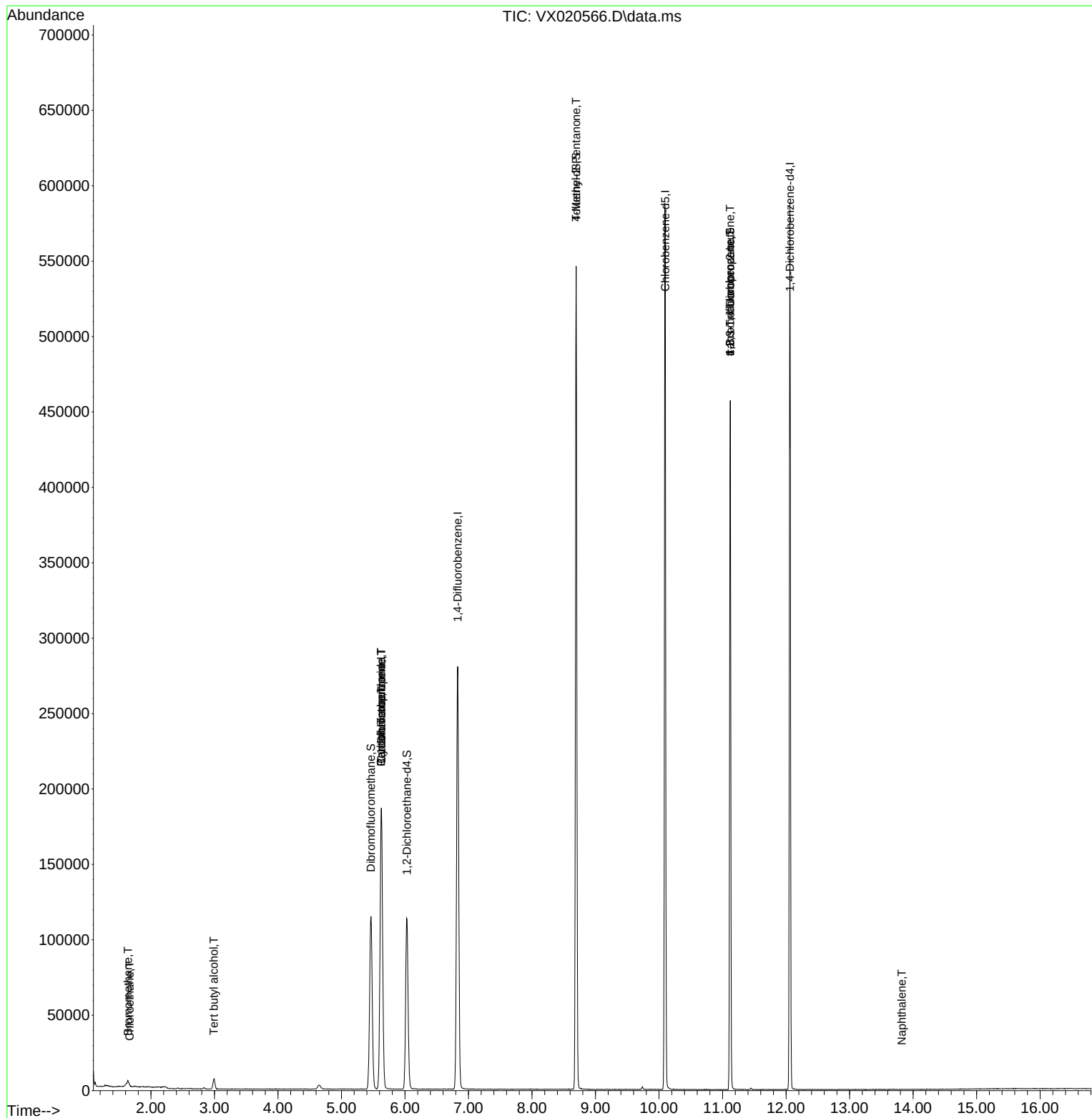
Internal Standards						
1) Pentafluorobenzene	5.623	168	182469	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	297536	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.098	117	292030	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	123939	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	111930	51.07	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.14%
35) Dibromofluoromethane	5.464	113	101224	49.10	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.20%
50) Toluene-d8	8.696	98	335615	45.50	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	91.00%
62) 4-Bromofluorobenzene	11.122	95	121235	46.54	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	93.08%
Target Compounds						
					Qvalue	
5) Bromomethane	1.636	94	363	0.28	ug/l	89
6) Chloroethane	1.666	64	42	0.46	ug/l #	43
11) Tert butyl alcohol	2.989	59	3783	7.21	ug/l #	73
16) Acetone	2.422	43	600	Below Cal	#	82
31) Cyclohexane	5.629	56	3174	1.23	ug/l #	1
36) 1,1-Dichloropropene	5.629	75	13092	4.82	ug/l #	49
38) Carbon Tetrachloride	5.623	117	17590	5.54	ug/l #	18
51) 4-Methyl-2-Pentanone	8.696	43	981	0.41	ug/l #	1
76) 1,2,3-Trichloropropane	11.122	75	58048	22.23	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.122	75	58048	60.58	ug/l #	12
95) Naphthalene	13.823	128	103	3.86	ug/l #	69

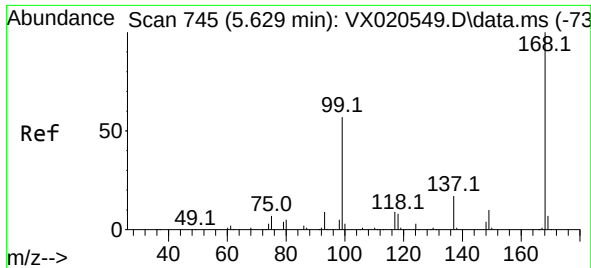
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X011121W.M
Quant Title : SW846 8260
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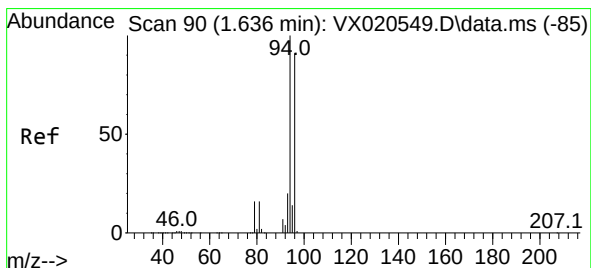
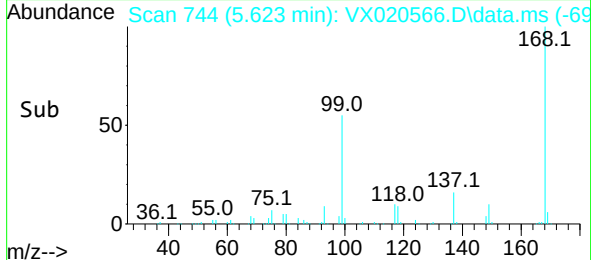
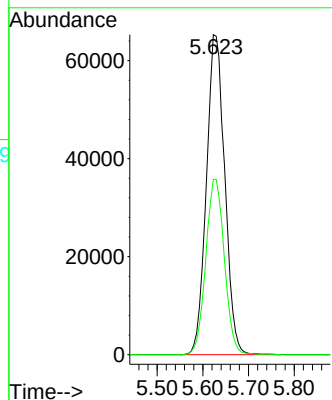
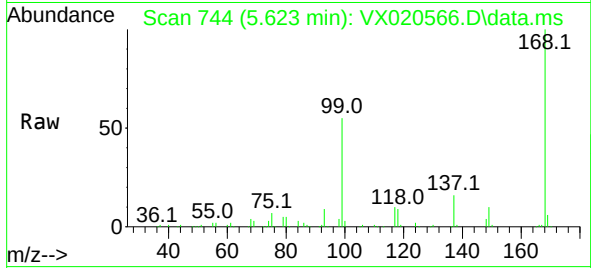




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.006 min
Lab File: VX020566.D
Acq: 11 Jan 2021 21:46

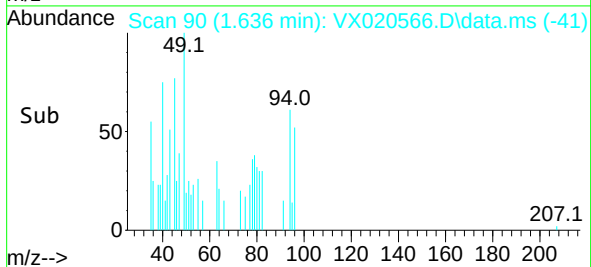
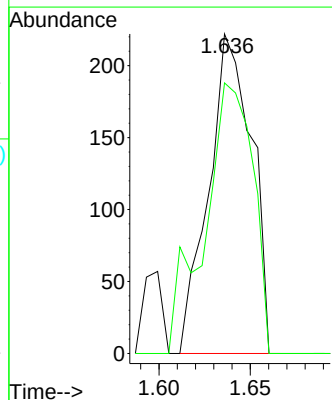
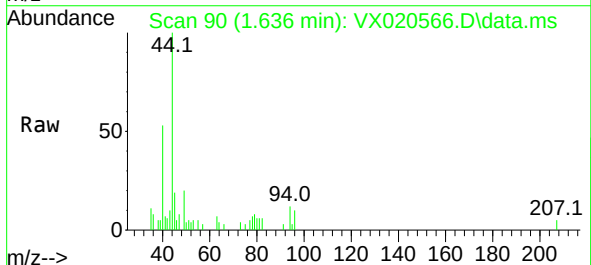
Instrument :
MSVOA_X
ClientSampled :

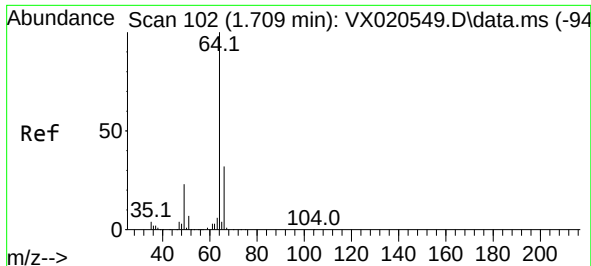
Tgt Ion:168 Resp: 182469
Ion Ratio Lower Upper
168 100
99 54.8 45.8 68.6



#5
Bromomethane
Concen: 0.28 ug/l
RT: 1.636 min Scan# 90
Delta R.T. -0.000 min
Lab File: VX020566.D
Acq: 11 Jan 2021 21:46

Tgt Ion: 94 Resp: 363
Ion Ratio Lower Upper
94 100
96 84.7 76.4 114.6

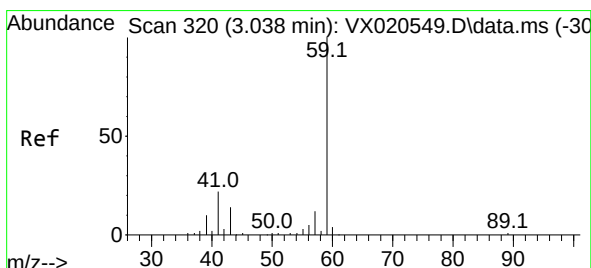
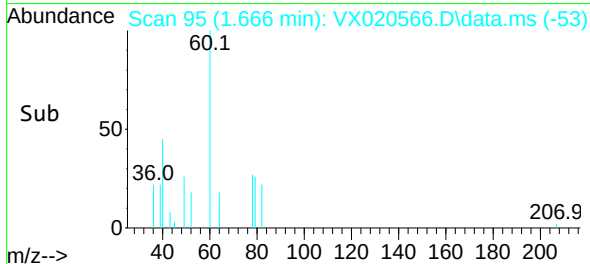
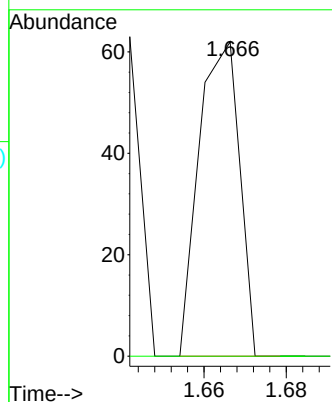
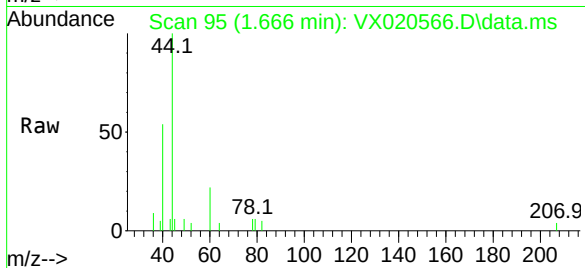




#6
Chloroethane
Concen: 0.46 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.043 min
Lab File: VX020566.D
Acq: 11 Jan 2021 21:46

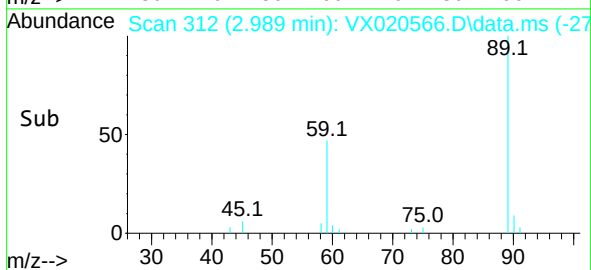
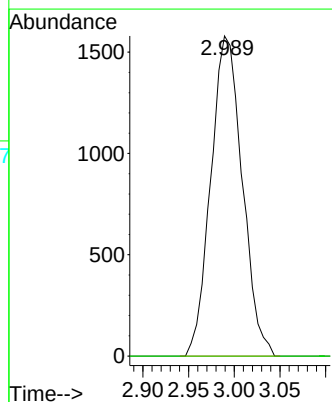
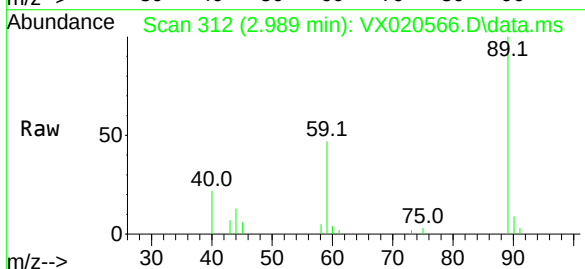
Instrument :
MSVOA_X
ClientSampled :

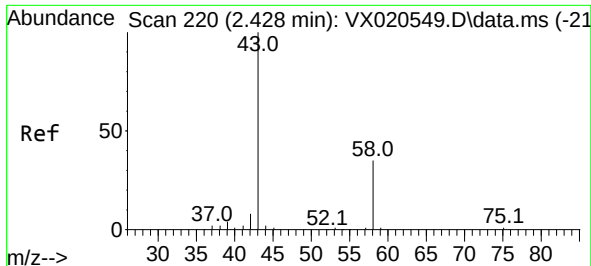
Tgt Ion: 64 Resp: 42
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: 7.21 ug/l
RT: 2.989 min Scan# 312
Delta R.T. -0.049 min
Lab File: VX020566.D
Acq: 11 Jan 2021 21:46

Tgt Ion: 59 Resp: 3783
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

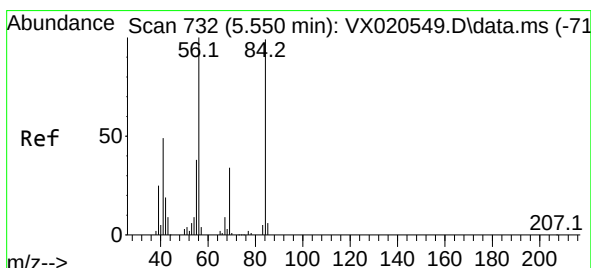
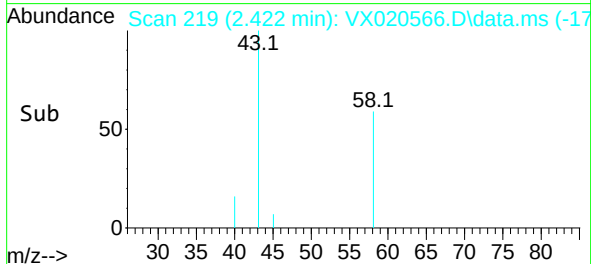
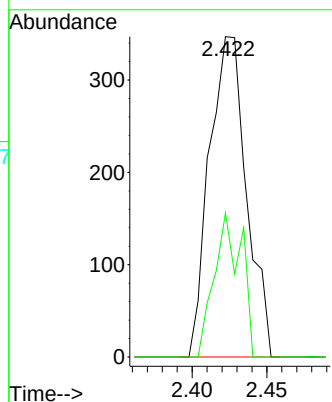
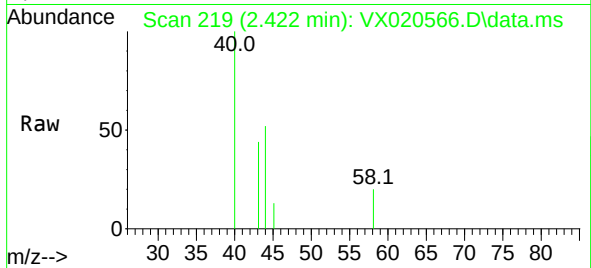




#16
Acetone
Concen: Below Cal
RT: 2.422 min Scan# 219
Delta R.T. -0.006 min
Lab File: VX020566.D
Acq: 11 Jan 2021 21:46

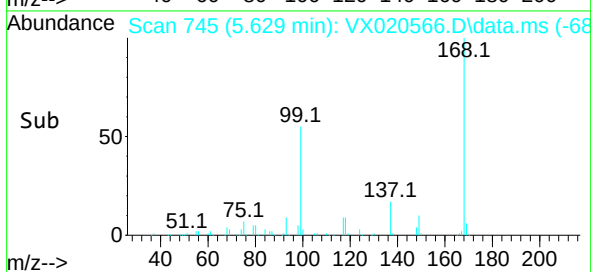
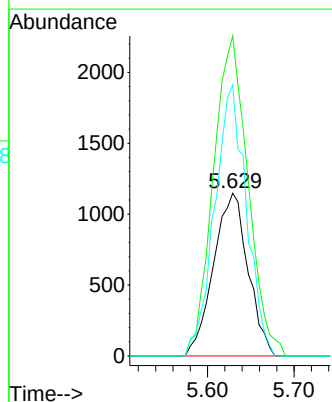
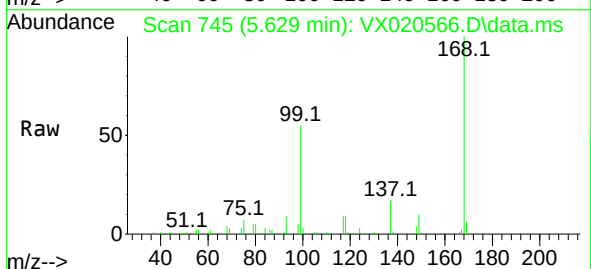
Instrument :
MSVOA_X
ClientSampleId :

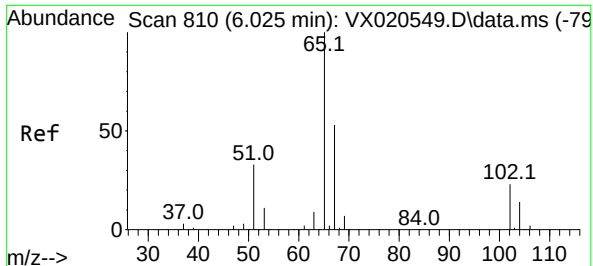
Tgt Ion: 43 Resp: 600
Ion Ratio Lower Upper
43 100
58 45.0 27.8 41.8#



#31
Cyclohexane
Concen: 1.23 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.079 min
Lab File: VX020566.D
Acq: 11 Jan 2021 21:46

Tgt Ion: 56 Resp: 3174
Ion Ratio Lower Upper
56 100
69 196.6 25.3 37.9#
84 166.4 71.4 107.0#





#33

1,2-Dichloroethane-d4

Concen: 51.07 ug/l

RT: 6.031 min Scan# 811

Delta R.T. 0.006 min

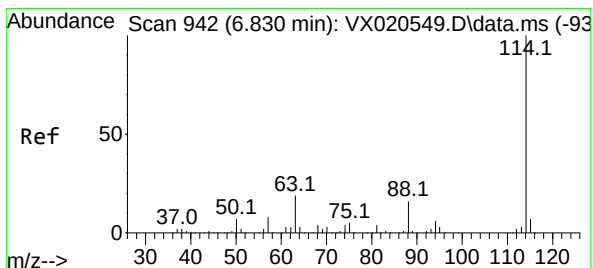
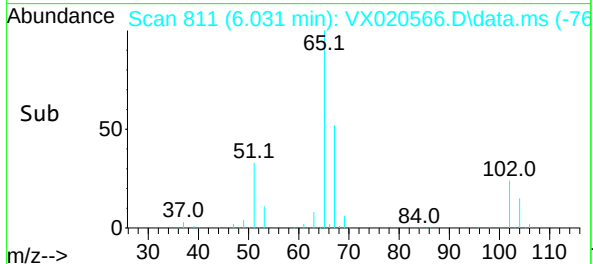
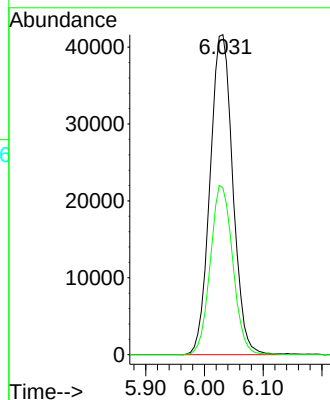
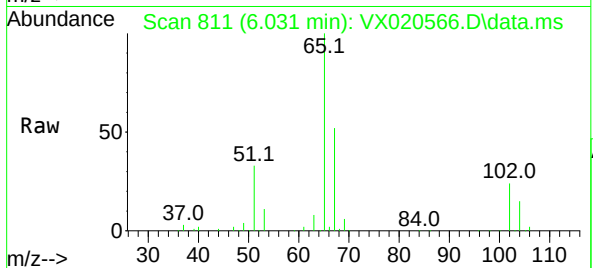
Lab File: VX020566.D

Acq: 11 Jan 2021 21:46

Tgt Ion: 65 Resp: 111930

Ion Ratio Lower Upper

65	100		
67	52.2	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

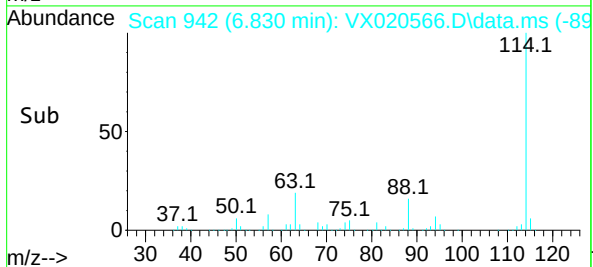
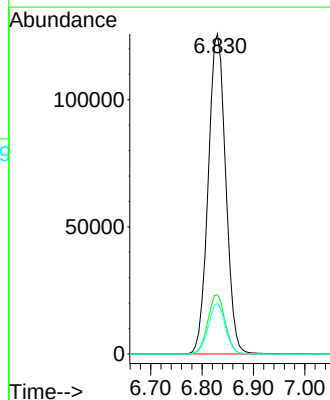
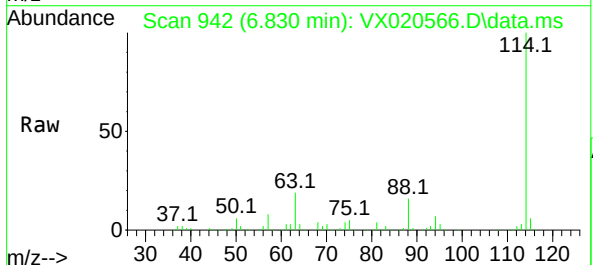
Lab File: VX020566.D

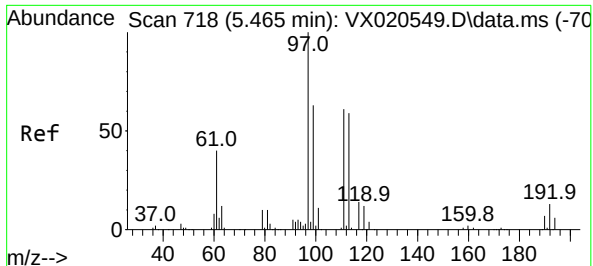
Acq: 11 Jan 2021 21:46

Tgt Ion: 114 Resp: 297536

Ion Ratio Lower Upper

114	100		
63	18.5	0.0	40.8
88	15.8	0.0	32.8

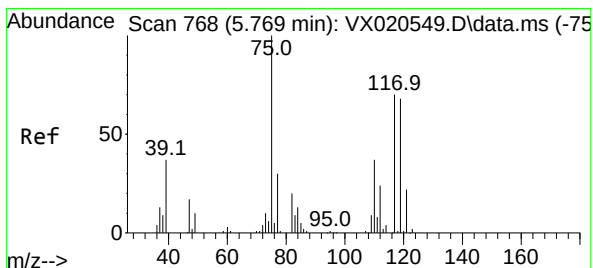
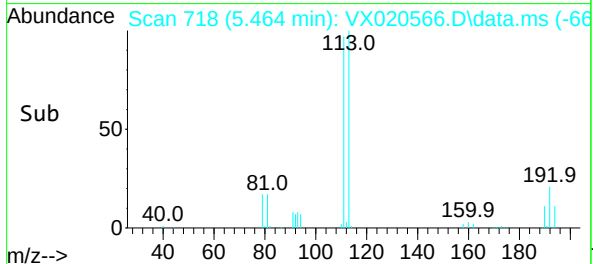
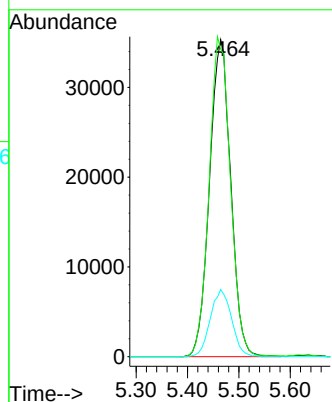
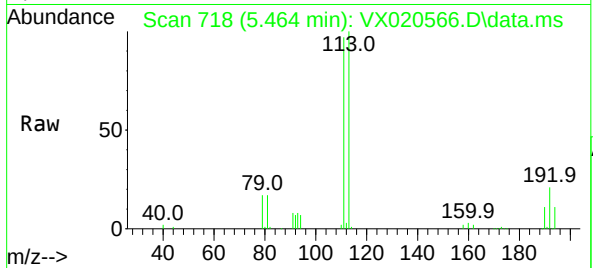




#35
Dibromofluoromethane
Concen: 49.10 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.001 min
Lab File: VX020566.D
Acq: 11 Jan 2021 21:46

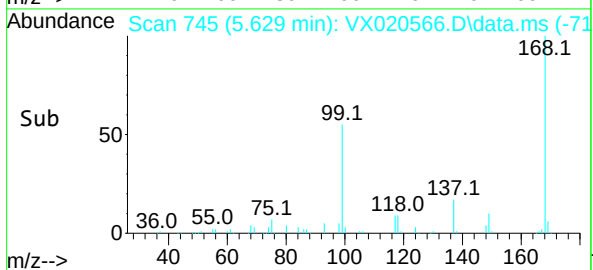
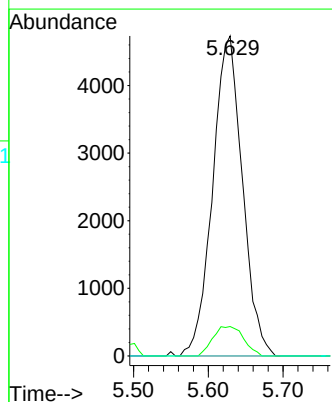
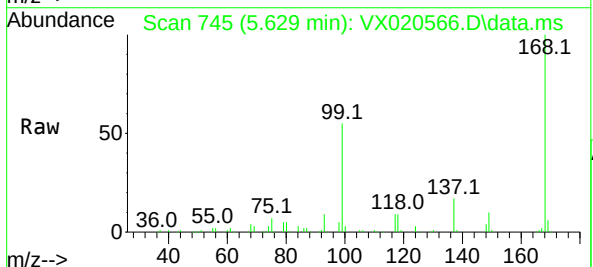
Instrument :
MSVOA_X
ClientSampled :

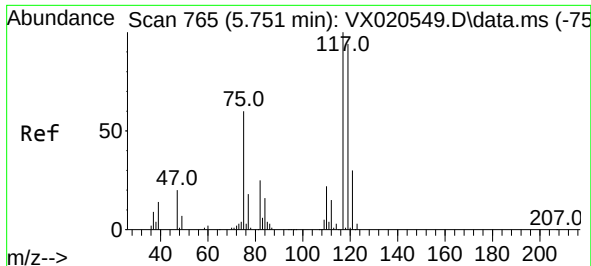
Tgt Ion:113 Resp: 101224
Ion Ratio Lower Upper
113 100
111 101.4 81.9 122.9
192 21.2 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.82 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.140 min
Lab File: VX020566.D
Acq: 11 Jan 2021 21:46

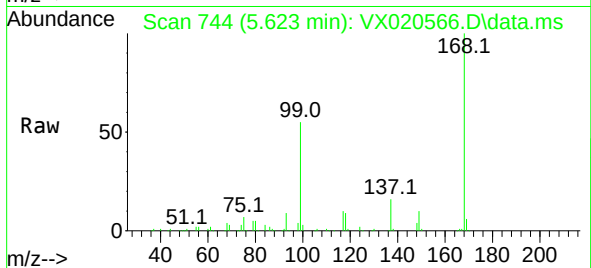
Tgt Ion: 75 Resp: 13092
Ion Ratio Lower Upper
75 100
110 9.5 18.1 54.4#
77 0.0 25.3 37.9#



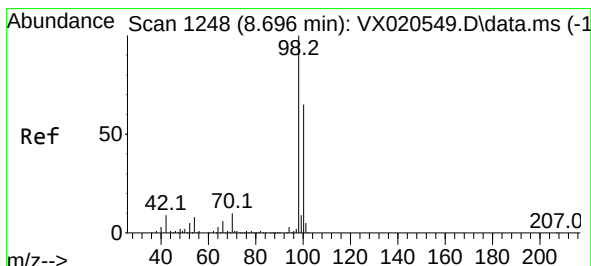
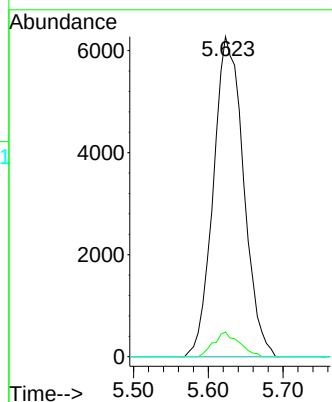
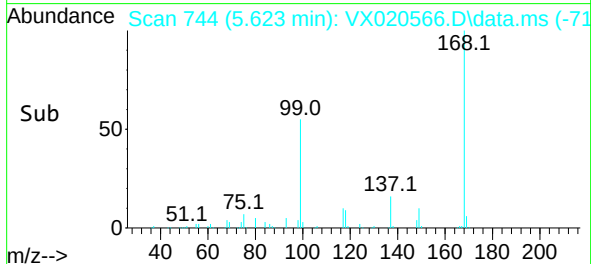


#38
Carbon Tetrachloride
Concen: 5.54 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.128 min
Lab File: VX020566.D
Acq: 11 Jan 2021 21:46

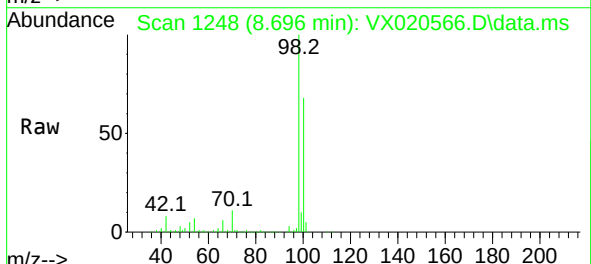
Instrument :
MSVOA_X
ClientSampled :



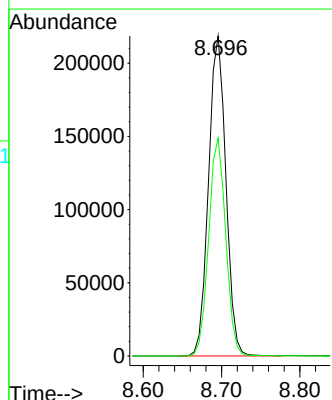
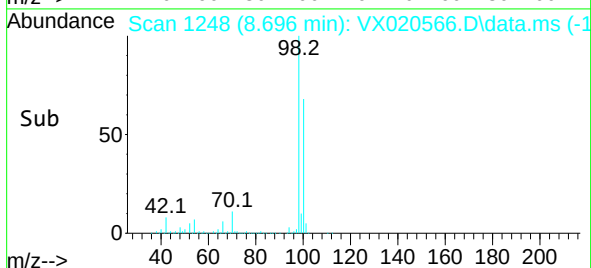
Tgt Ion:117 Resp: 17590
Ion Ratio Lower Upper
117 100
119 7.7 76.2 114.2#
121 0.0 24.8 37.2#

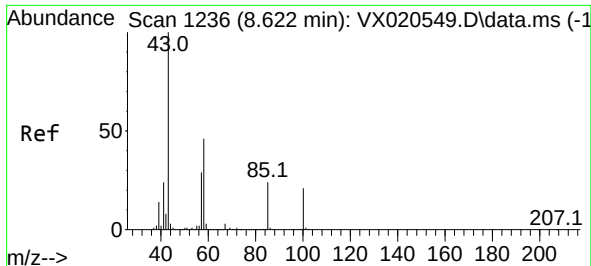


#50
Toluene-d8
Concen: 45.50 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. -0.000 min
Lab File: VX020566.D
Acq: 11 Jan 2021 21:46



Tgt Ion: 98 Resp: 335615
Ion Ratio Lower Upper
98 100
100 66.9 51.9 77.9

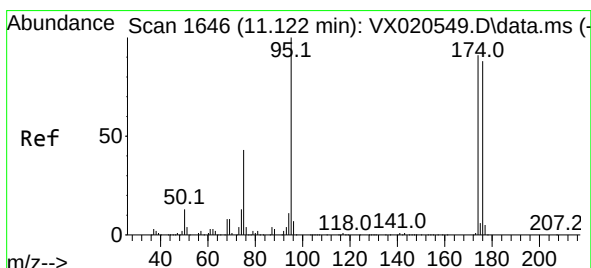
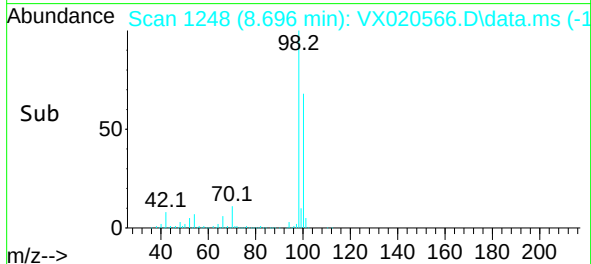
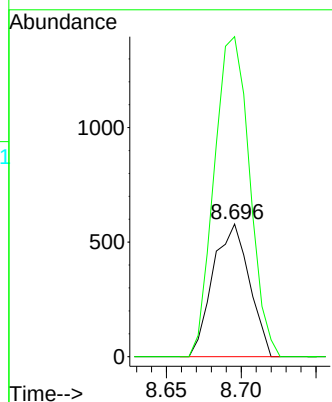
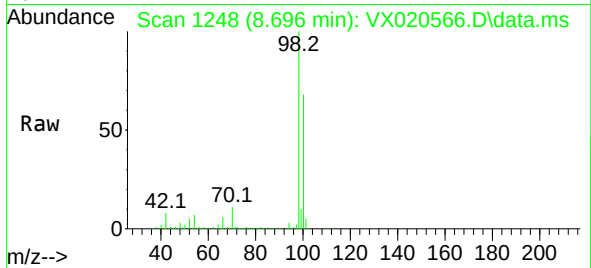




#51
4-Methyl-2-Pentanone
Concen: 0.41 ug/l
RT: 8.696 min Scan# 1248
Delta R.T. 0.074 min
Lab File: VX020566.D
Acq: 11 Jan 2021 21:46

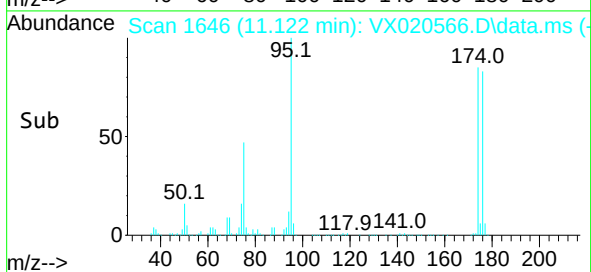
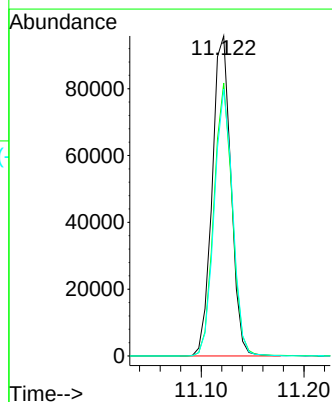
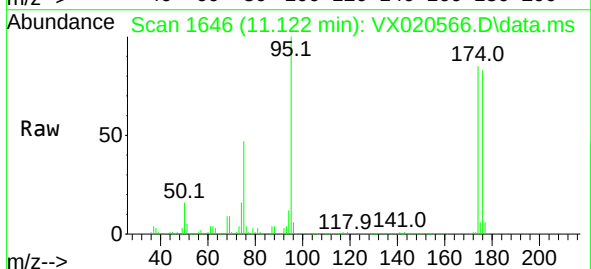
Instrument :
MSVOA_X
ClientSampled :

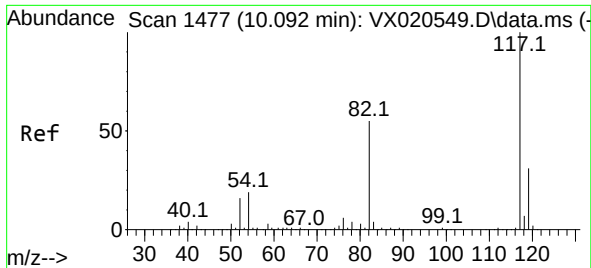
Tgt Ion: 43 Resp: 981
Ion Ratio Lower Upper
43 100
58 234.3 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 46.54 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.000 min
Lab File: VX020566.D
Acq: 11 Jan 2021 21:46

Tgt Ion: 95 Resp: 121235
Ion Ratio Lower Upper
95 100
174 83.1 0.0 154.6
176 81.9 0.0 155.8

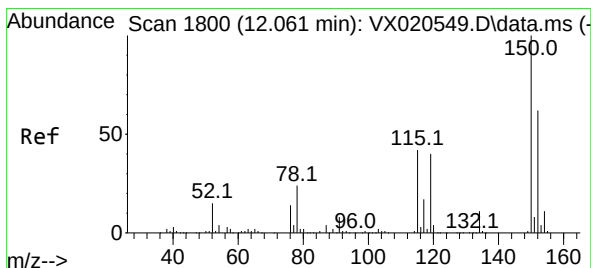
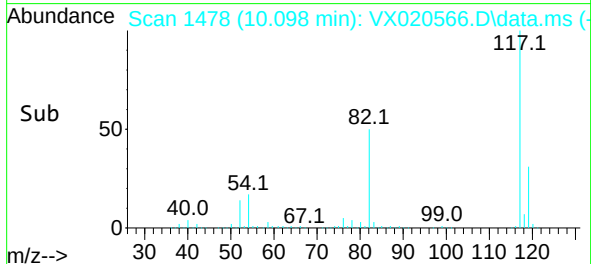
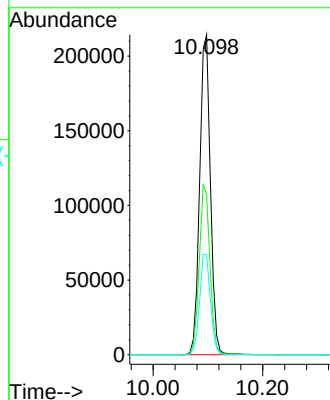
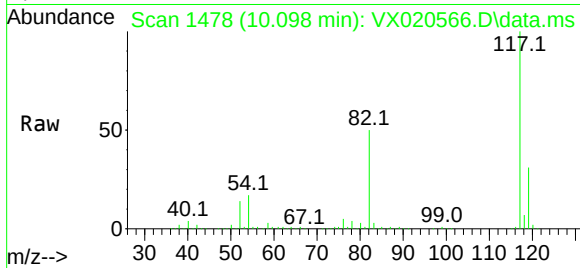




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.098 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX020566.D
Acq: 11 Jan 2021 21:46

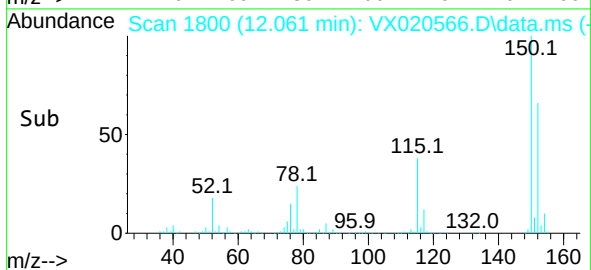
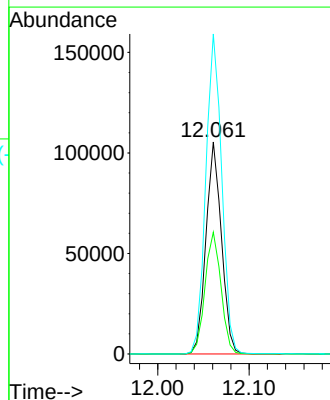
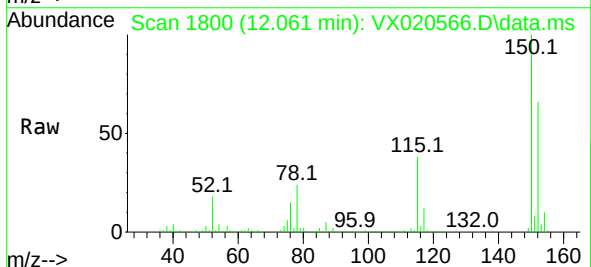
Instrument :
MSVOA_X
ClientSampled :

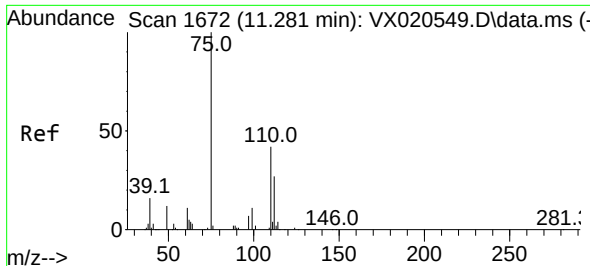
Tgt Ion:117 Resp: 292030
Ion Ratio Lower Upper
117 100
82 50.0 47.4 71.2
119 31.2 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VX020566.D
Acq: 11 Jan 2021 21:46

Tgt Ion:152 Resp: 123939
Ion Ratio Lower Upper
152 100
115 59.1 41.1 123.3
150 155.0 0.0 349.0

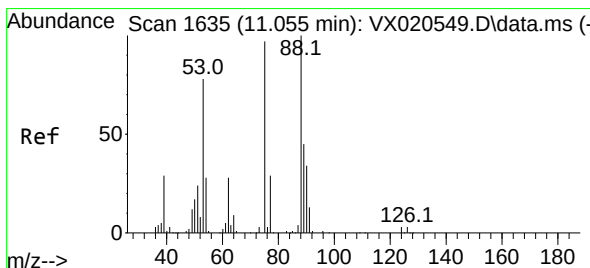
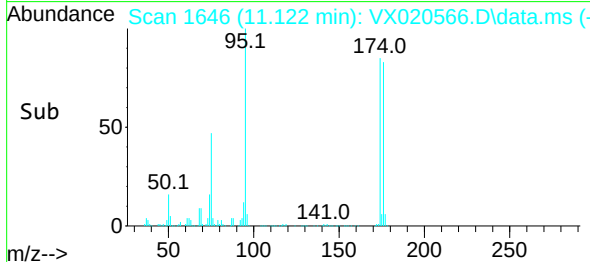
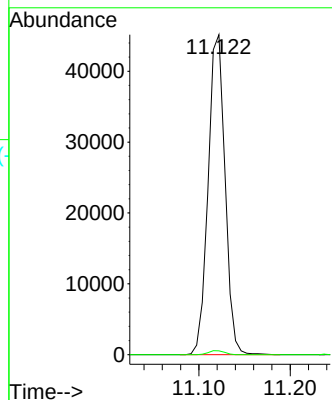
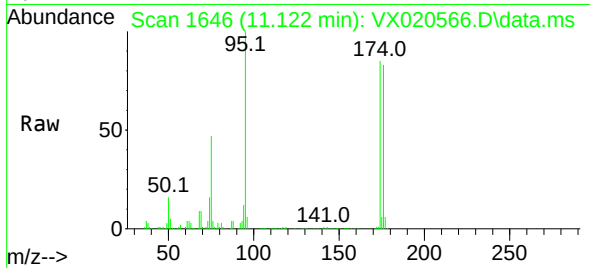




#76
1,2,3-Trichloropropane
Concen: 22.23 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. -0.159 min
Lab File: VX020566.D
Acq: 11 Jan 2021 21:46

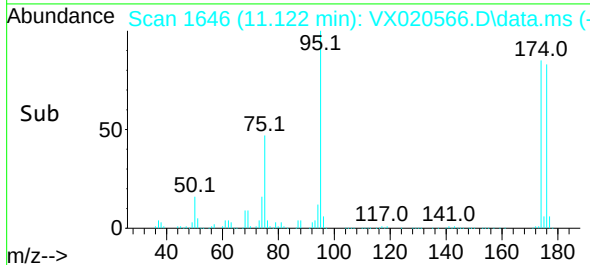
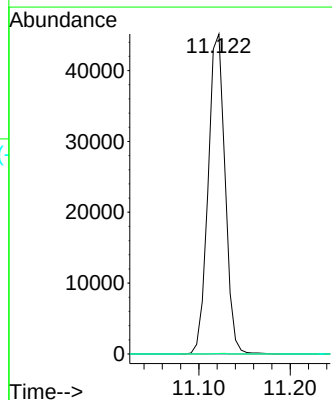
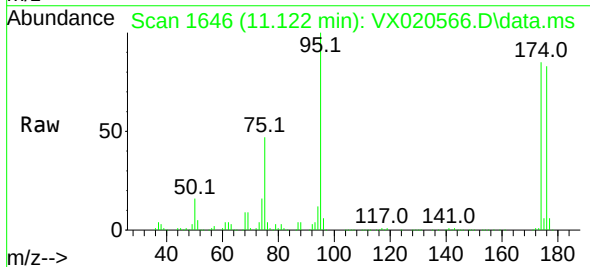
Instrument :
MSVOA_X
ClientSampled :

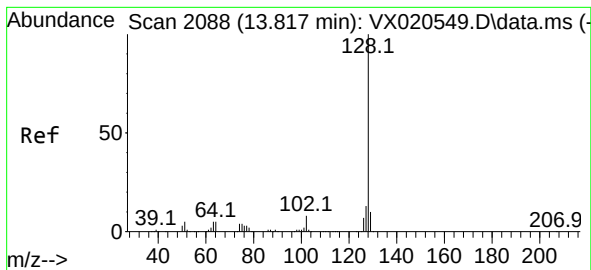
Tgt Ion: 75 Resp: 58048
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.58 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.067 min
Lab File: VX020566.D
Acq: 11 Jan 2021 21:46

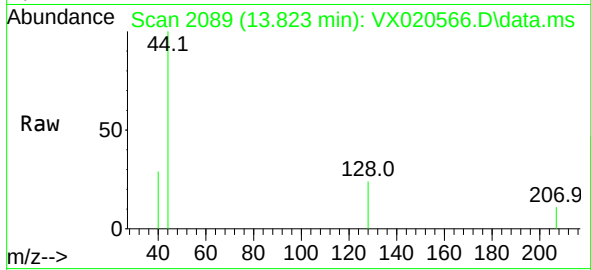
Tgt Ion: 75 Resp: 58048
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 3.86 ug/l
RT: 13.823 min Scan# 2089
Delta R.T. 0.006 min
Lab File: VX020566.D
Acq: 11 Jan 2021 21:46

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 103
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

