

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020521\
 Data File : VX020872.D
 Acq On : 05 Feb 2021 16:07
 Operator : JC/MD
 Sample : M1329-04RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

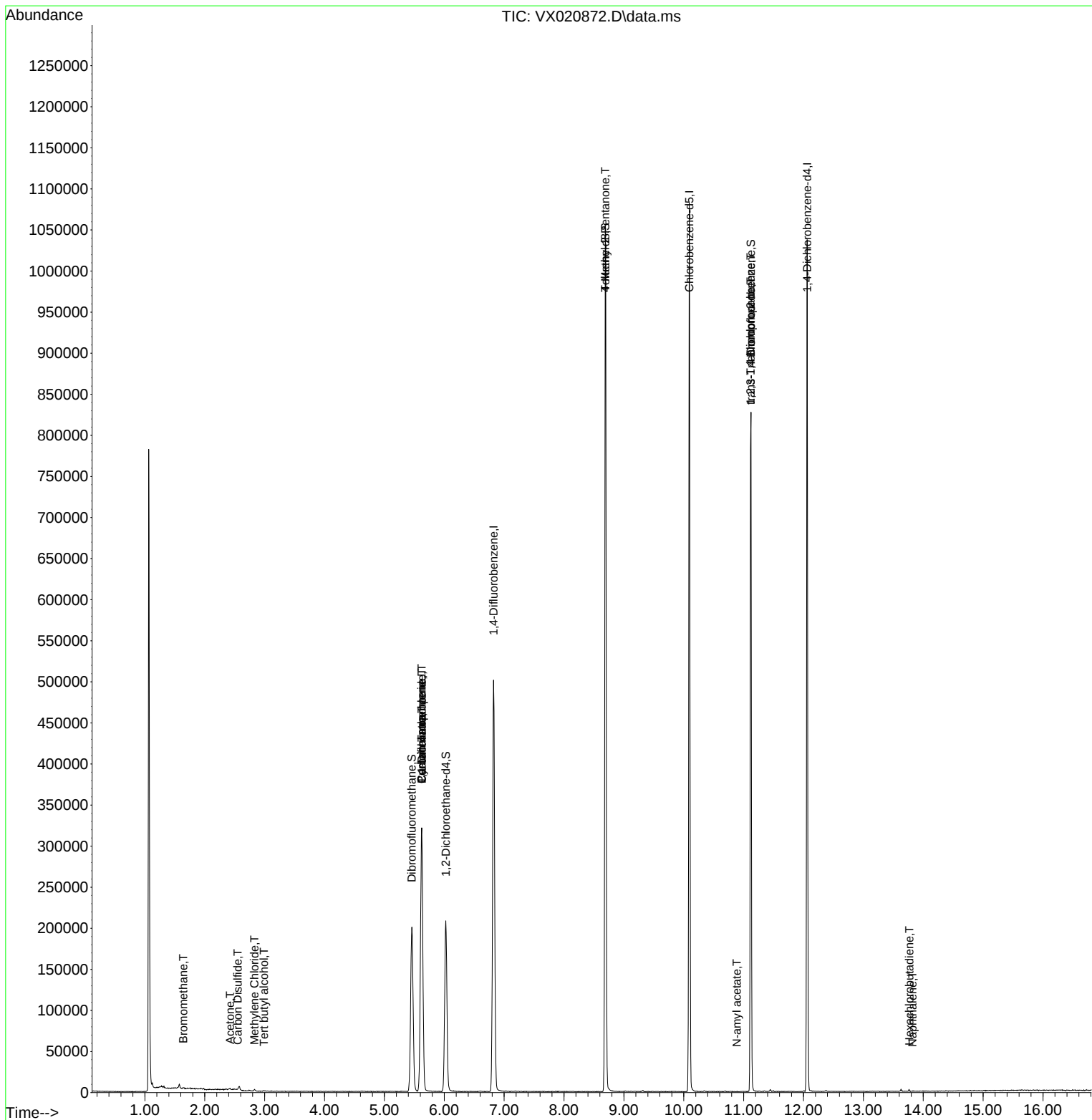
Quant Time: Feb 06 01:06:35 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:38:15 2021
 Response via : Initial Calibration

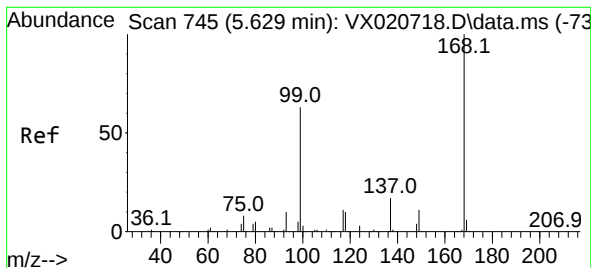
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.623	168	298610	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.824	114	510613	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	502725	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	211370	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.025	65	201011	49.35	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.70%
35) Dibromofluoromethane	5.458	113	177173	50.66	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.32%
50) Toluene-d8	8.690	98	635971	49.60	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.20%
62) 4-Bromofluorobenzene	11.122	95	225658	45.32	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.64%
Target Compounds						
					Qvalue	
5) Bromomethane	1.642	94	594	0.30	ug/l #	65
11) Tert butyl alcohol	2.989	59	441	0.58	ug/l #	73
16) Acetone	2.422	43	1714	1.11	ug/l #	71
17) Carbon Disulfide	2.550	76	538	0.96	ug/l #	75
20) Methylene Chloride	2.831	84	837	0.21	ug/l #	78
31) Cyclohexane	5.623	56	5660	1.03	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	22468	4.38	ug/l #	49
38) Carbon Tetrachloride	5.623	117	31900	5.92	ug/l #	17
51) 4-Methyl-2-Pentanone	8.690	43	2392	0.49	ug/l #	1
74) N-amyl acetate	10.884	43	20	2.02	ug/l #	38
76) 1,2,3-Trichloropropane	11.116	75	108763	22.19	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	108763	62.17	ug/l #	12
94) Hexachlorobutadiene	13.768	225	490	0.24	ug/l	77
95) Naphthalene	13.823	128	139	2.88	ug/l #	69

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

Quant Time: Feb 06 01:06:35 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





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.623 min Scan# 904

Delta R.T. -0.006 min

Lab File: VX020872.D

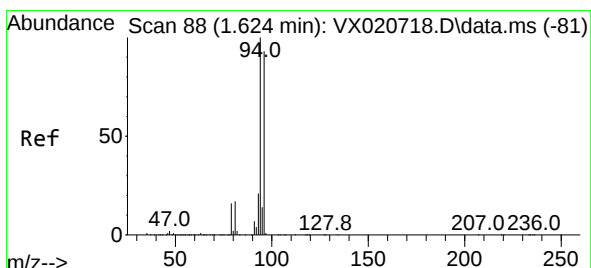
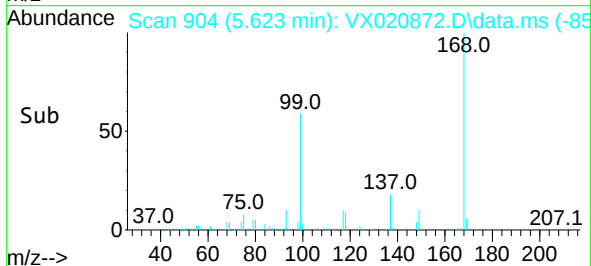
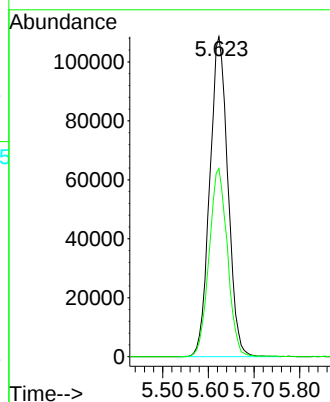
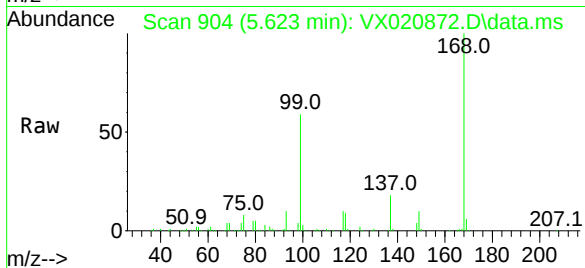
Acq: 05 Feb 2021 16:07

Tgt Ion:168 Resp: 298610

Ion Ratio Lower Upper

168 100

99 58.8 45.8 68.6



#5

Bromomethane

Concen: 0.30 ug/l

RT: 1.642 min Scan# 251

Delta R.T. 0.018 min

Lab File: VX020872.D

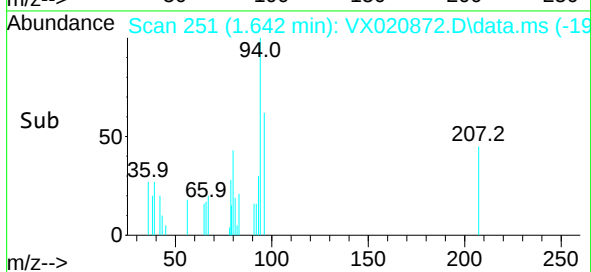
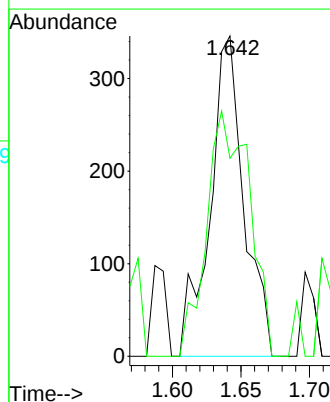
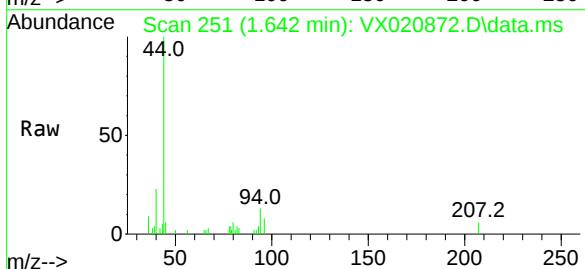
Acq: 05 Feb 2021 16:07

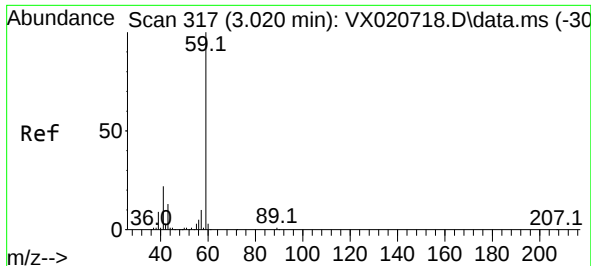
Tgt Ion: 94 Resp: 594

Ion Ratio Lower Upper

94 100

96 61.8 76.4 114.6#





#11

Tert butyl alcohol

Concen: 0.58 ug/l

RT: 2.989 min Scan# 472

Delta R.T. -0.031 min

Lab File: VX020872.D

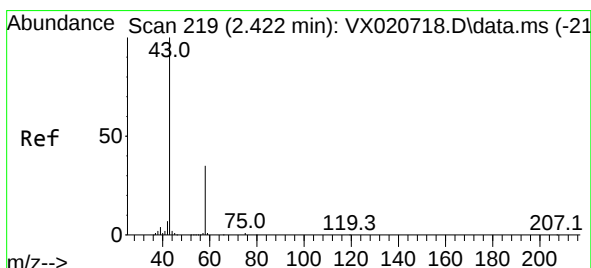
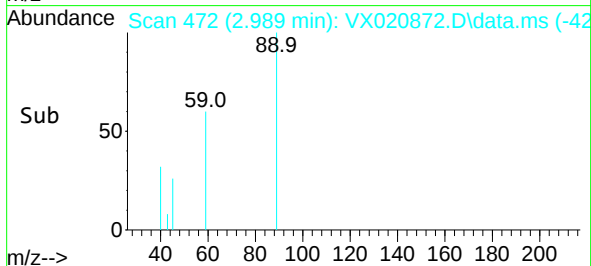
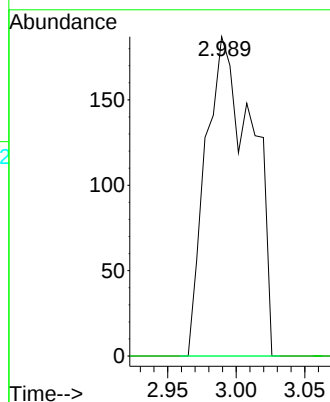
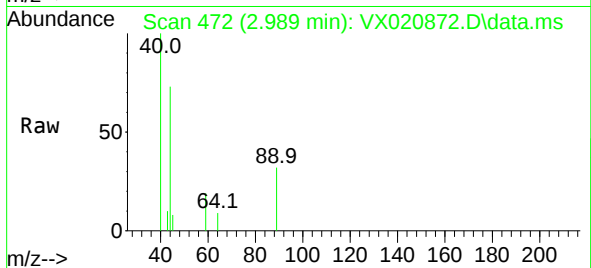
Acq: 05 Feb 2021 16:07

Tgt Ion: 59 Resp: 441

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#16

Acetone

Concen: 1.11 ug/l

RT: 2.422 min Scan# 379

Delta R.T. 0.000 min

Lab File: VX020872.D

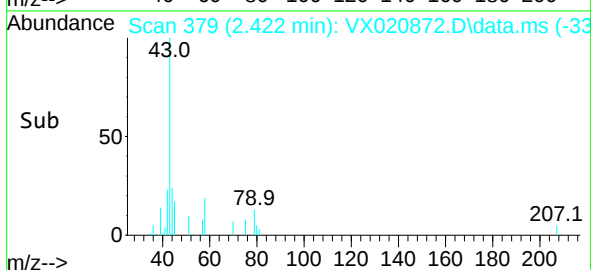
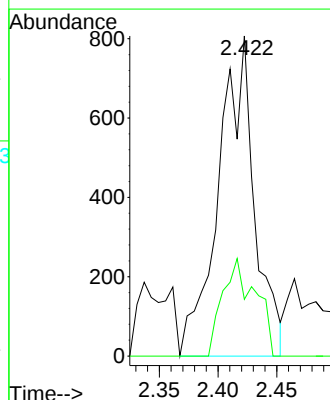
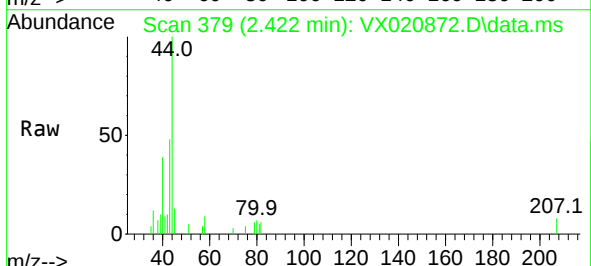
Acq: 05 Feb 2021 16:07

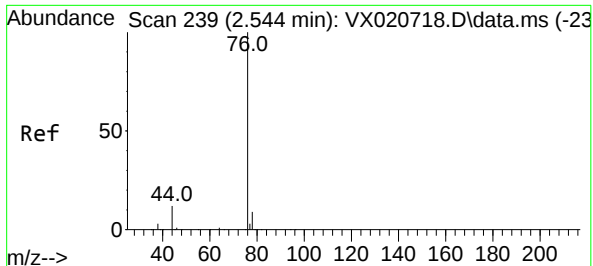
Tgt Ion: 43 Resp: 1714

Ion Ratio Lower Upper

43 100

58 17.7 27.8 41.8#

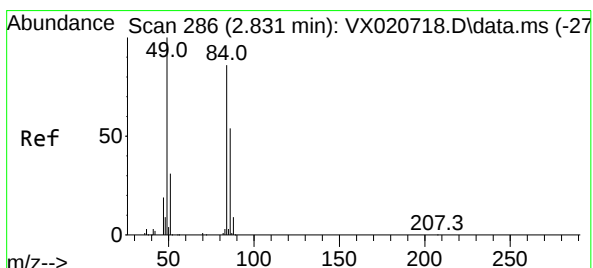
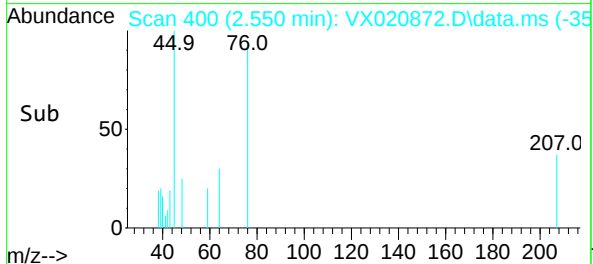
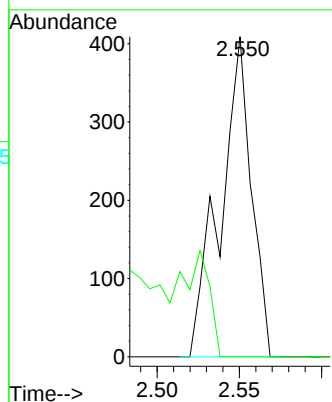
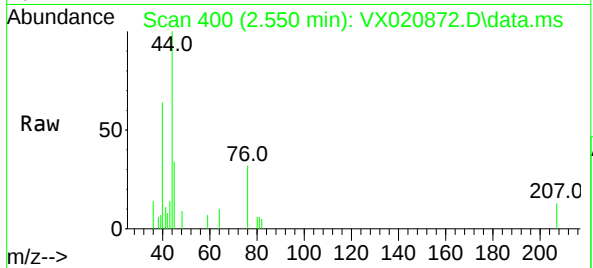




#17
Carbon Disulfide
Concen: 0.96 ug/l
RT: 2.550 min Scan# 400
Delta R.T. 0.006 min
Lab File: VX020872.D
Acq: 05 Feb 2021 16:07

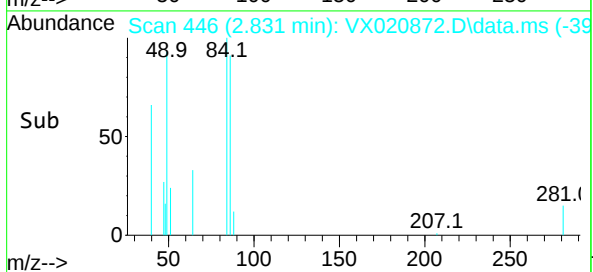
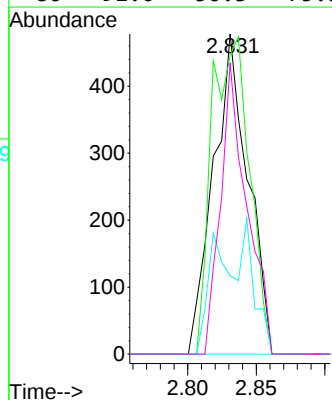
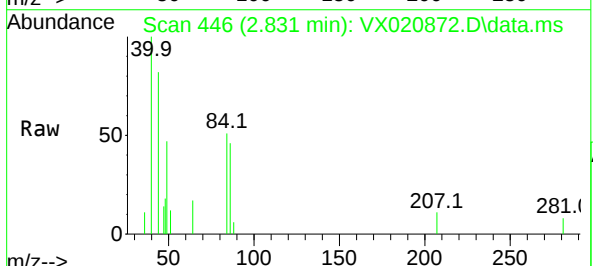
Instrument :
MSVOA_X
ClientSampled :

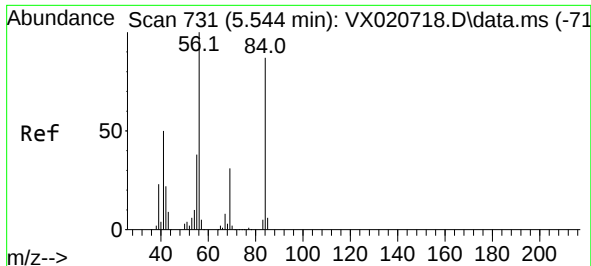
Tgt Ion: 76 Resp: 538
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#20
Methylene Chloride
Concen: 0.21 ug/l
RT: 2.831 min Scan# 446
Delta R.T. -0.000 min
Lab File: VX020872.D
Acq: 05 Feb 2021 16:07

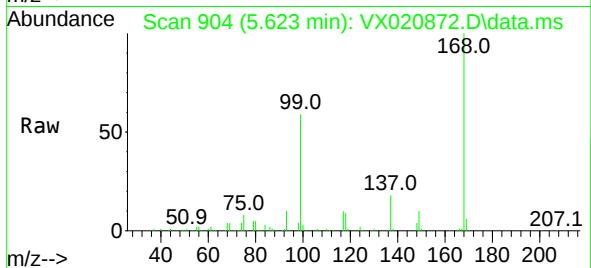
Tgt Ion: 84 Resp: 837
Ion Ratio Lower Upper
84 100
49 93.3 88.6 132.8
51 24.5 27.0 40.6#
86 91.0 50.3 75.5#



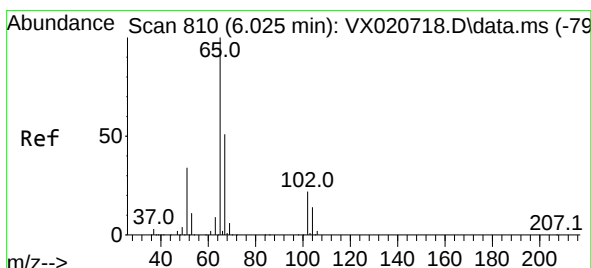
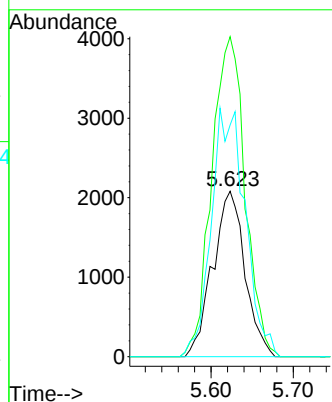
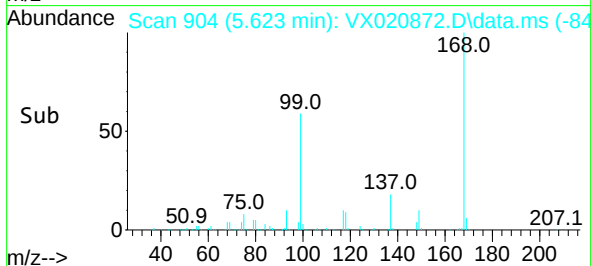


#31
Cyclohexane
Concen: 1.03 ug/l
RT: 5.623 min Scan# 904
Delta R.T. 0.079 min
Lab File: VX020872.D
Acq: 05 Feb 2021 16:07

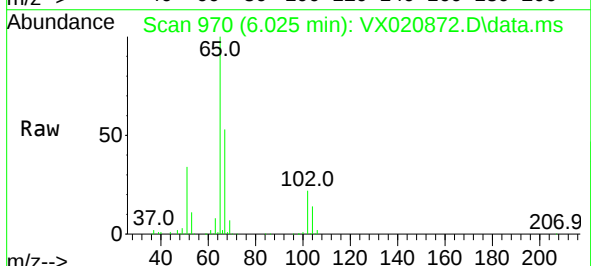
Instrument :
MSVOA_X
ClientSampleId :



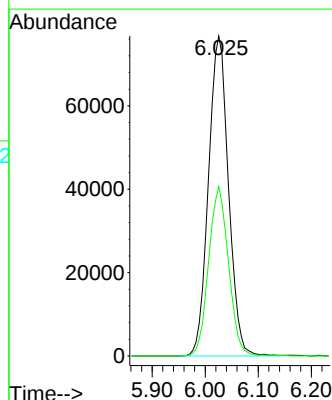
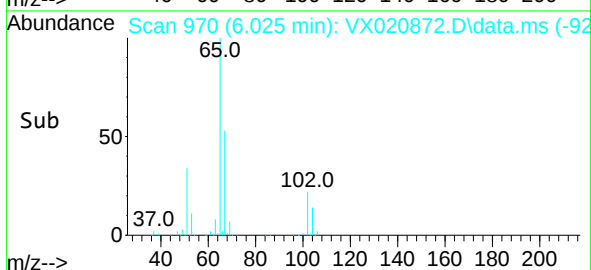
Tgt Ion: 56 Resp: 5660
Ion Ratio Lower Upper
56 100
69 193.5 25.3 37.9#
84 140.1 71.4 107.0#

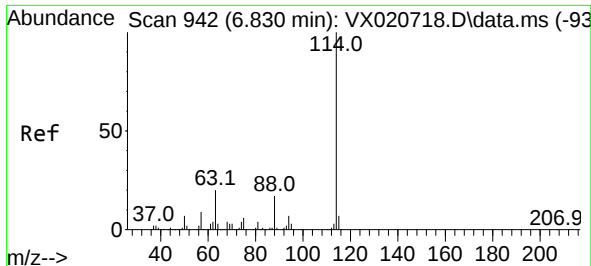


#33
1,2-Dichloroethane-d4
Concen: 49.35 ug/l
RT: 6.025 min Scan# 970
Delta R.T. 0.000 min
Lab File: VX020872.D
Acq: 05 Feb 2021 16:07



Tgt Ion: 65 Resp: 201011
Ion Ratio Lower Upper
65 100
67 52.6 0.0 105.4

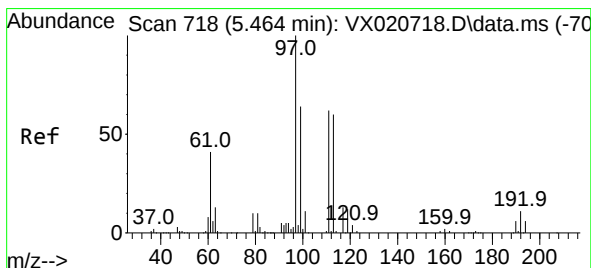
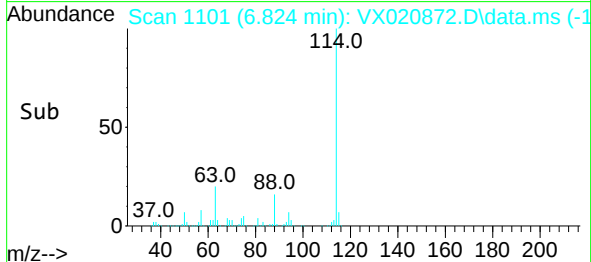
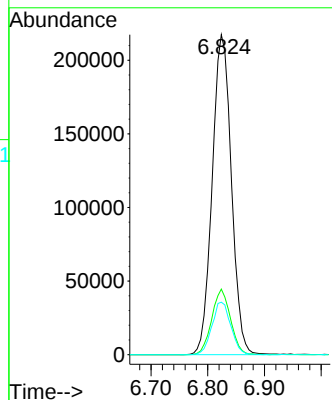
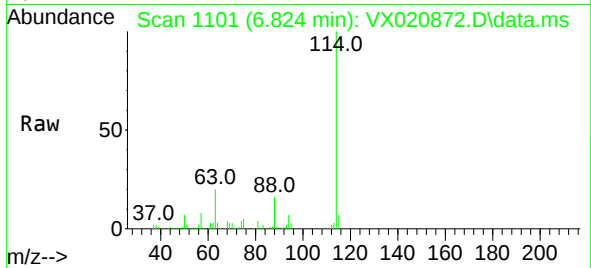




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.824 min Scan# 1101
Delta R.T. -0.006 min
Lab File: VX020872.D
Acq: 05 Feb 2021 16:07

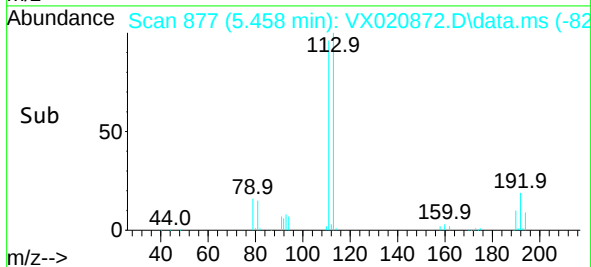
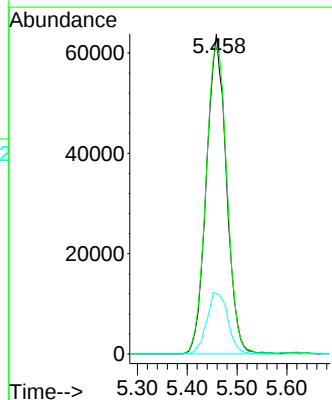
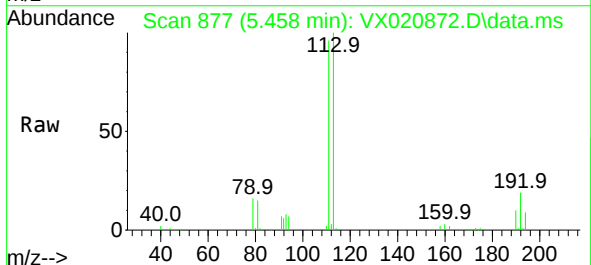
Instrument :
MSVOA_X
ClientSampleId :

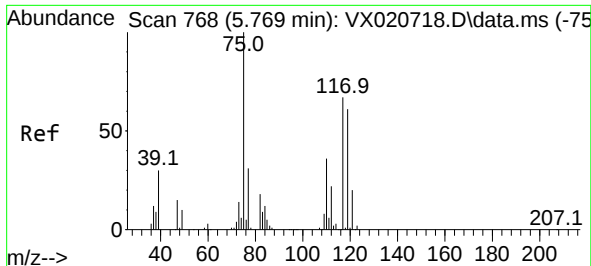
Tgt Ion:	114	Resp:	510613
Ion Ratio	Lower	Upper	
114	100		
63	20.5	0.0	40.8
88	16.4	0.0	32.8



#35
Dibromofluoromethane
Concen: 50.66 ug/l
RT: 5.458 min Scan# 877
Delta R.T. -0.006 min
Lab File: VX020872.D
Acq: 05 Feb 2021 16:07

Tgt Ion:	113	Resp:	177173
Ion Ratio	Lower	Upper	
113	100		
111	102.2	81.9	122.9
192	20.3	16.7	25.1

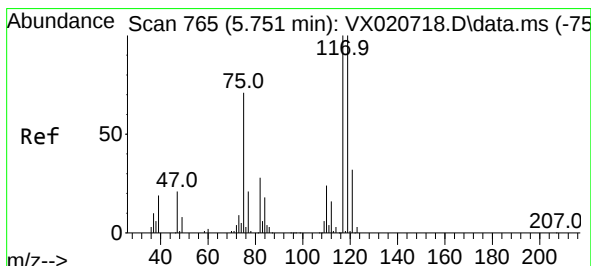
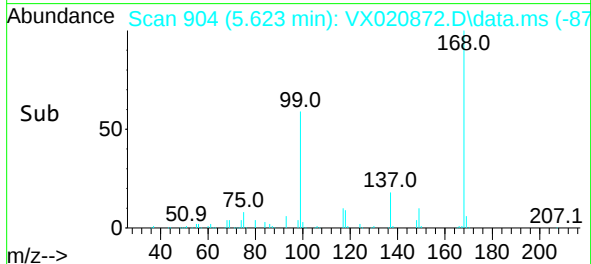
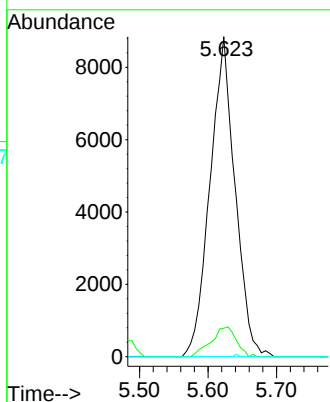
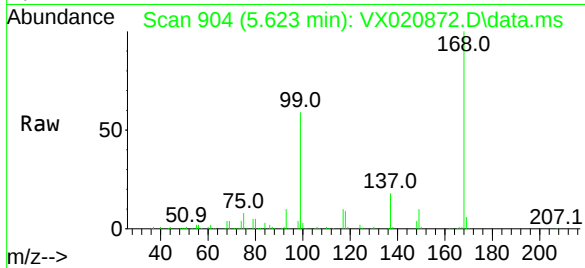




#36
1,1-Dichloropropene
Concen: 4.38 ug/l
RT: 5.623 min Scan# 904
Delta R.T. -0.146 min
Lab File: VX020872.D
Acq: 05 Feb 2021 16:07

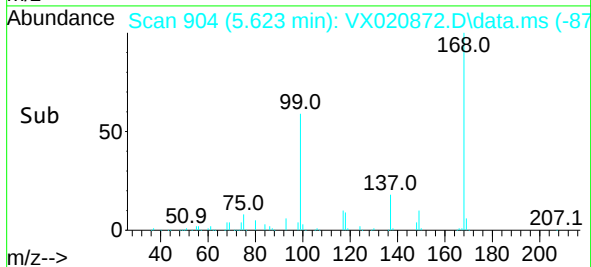
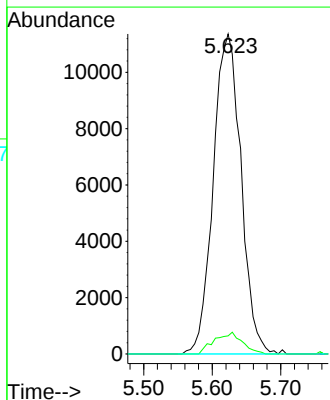
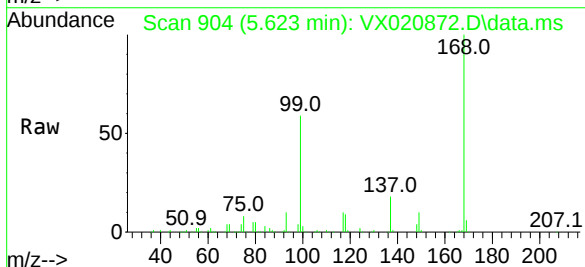
Instrument :
MSVOA_X
ClientSampled :

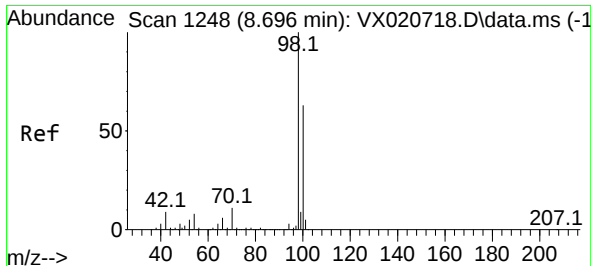
Tgt Ion: 75 Resp: 22468
Ion Ratio Lower Upper
75 100
110 9.3 18.1 54.4#
77 0.1 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.92 ug/l
RT: 5.623 min Scan# 904
Delta R.T. -0.128 min
Lab File: VX020872.D
Acq: 05 Feb 2021 16:07

Tgt Ion: 117 Resp: 31900
Ion Ratio Lower Upper
117 100
119 5.6 76.2 114.2#
121 0.0 24.8 37.2#

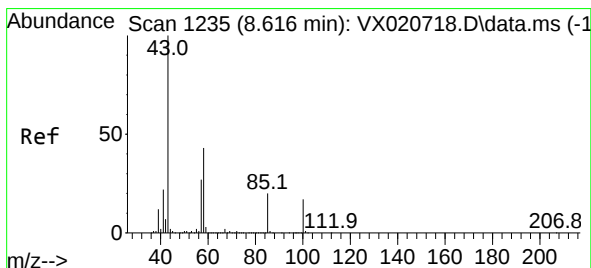
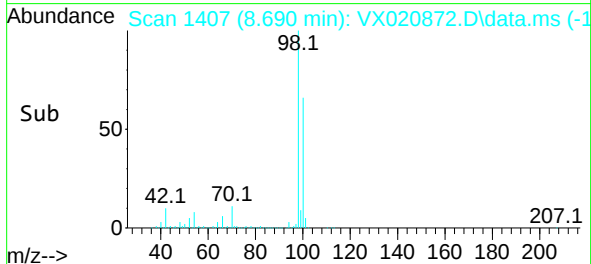
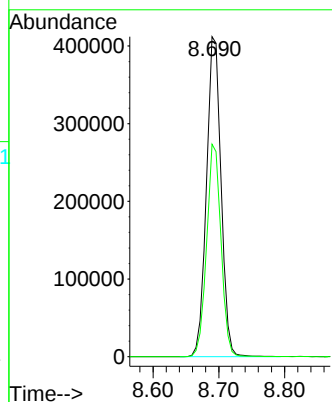
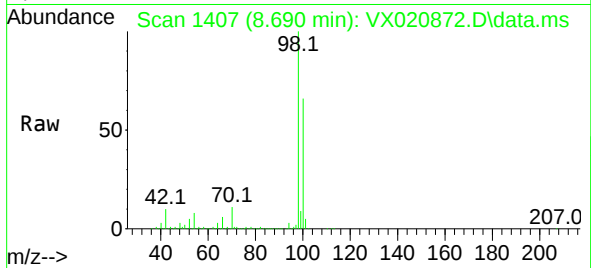




#50
Toluene-d8
Concen: 49.60 ug/l
RT: 8.690 min Scan# 1407
Delta R.T. -0.006 min
Lab File: VX020872.D
Acq: 05 Feb 2021 16:07

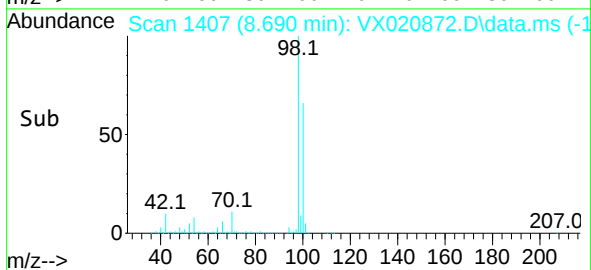
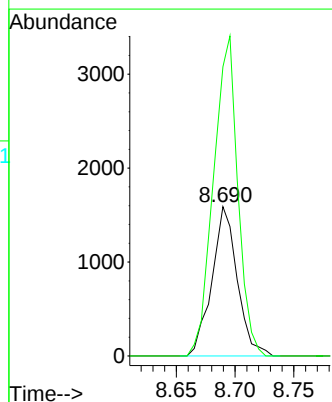
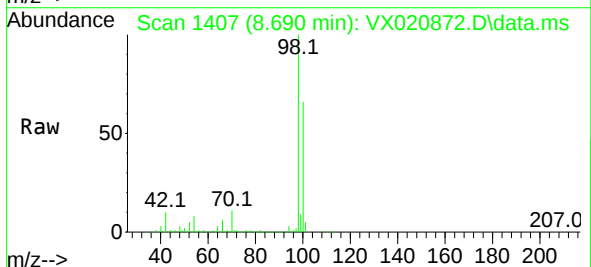
Instrument :
MSVOA_X
ClientSampleId :

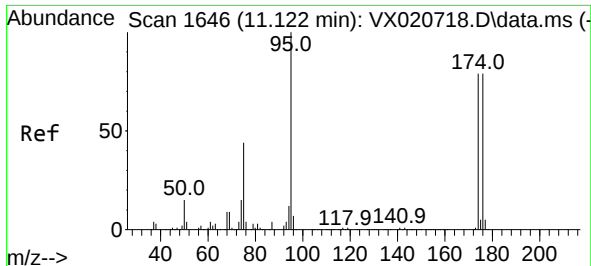
Tgt Ion: 98 Resp: 635971
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.49 ug/l
RT: 8.690 min Scan# 1407
Delta R.T. 0.074 min
Lab File: VX020872.D
Acq: 05 Feb 2021 16:07

Tgt Ion: 43 Resp: 2392
Ion Ratio Lower Upper
43 100
58 205.1 35.4 53.0#

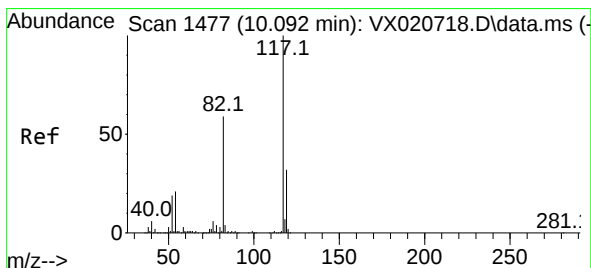
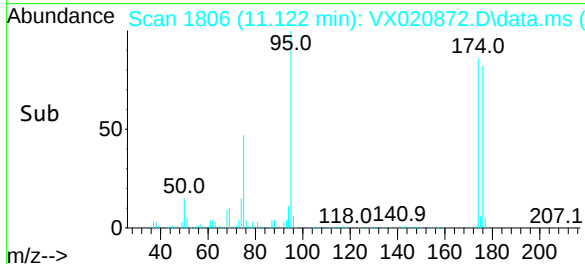
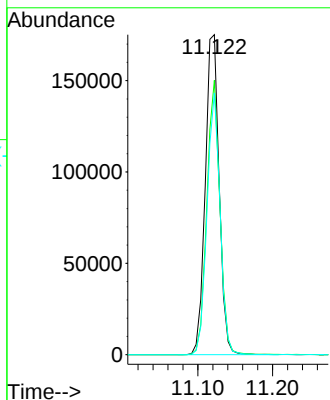
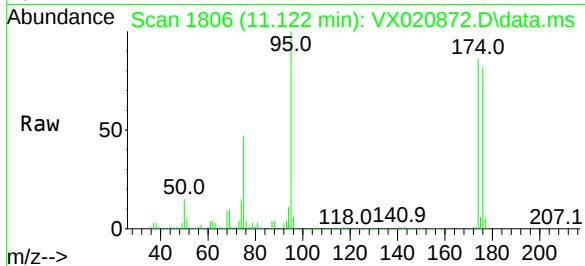




#62
4-Bromofluorobenzene
Concen: 45.32 ug/l
RT: 11.122 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VX020872.D
Acq: 05 Feb 2021 16:07

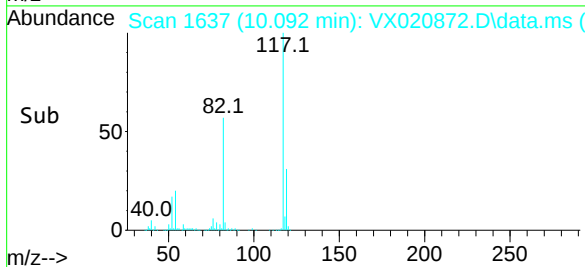
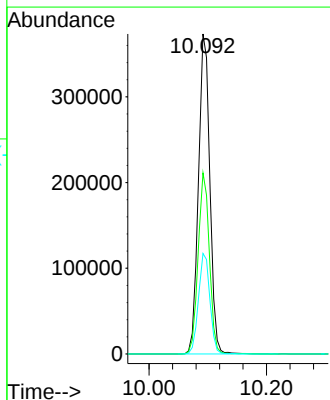
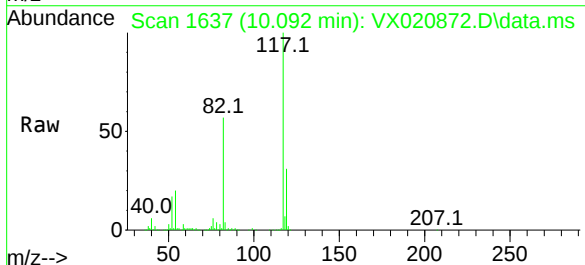
Instrument :
MSVOA_X
ClientSampleId :

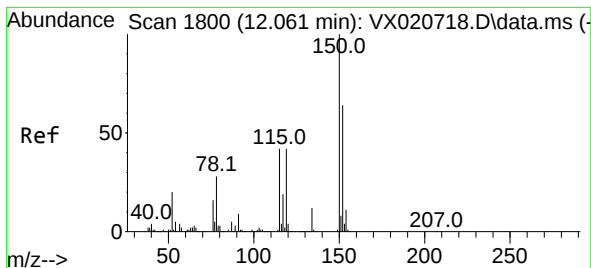
Tgt Ion: 95 Resp: 225658
Ion Ratio Lower Upper
95 100
174 80.7 0.0 154.6
176 77.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.092 min Scan# 1637
Delta R.T. -0.000 min
Lab File: VX020872.D
Acq: 05 Feb 2021 16:07

Tgt Ion: 117 Resp: 502725
Ion Ratio Lower Upper
117 100
82 56.6 47.4 71.2
119 31.4 26.6 39.8

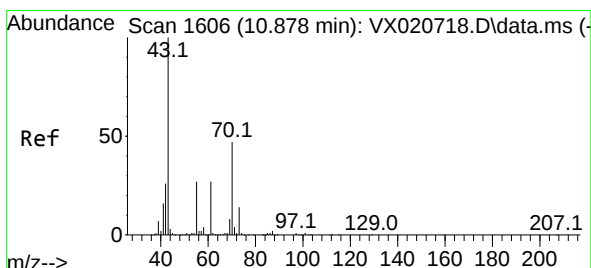
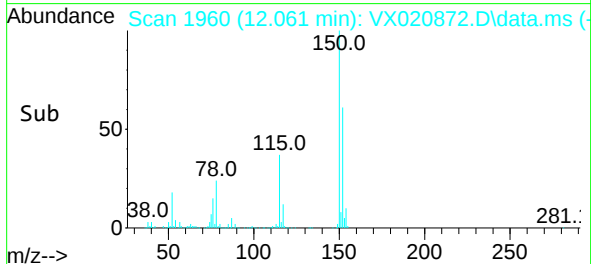
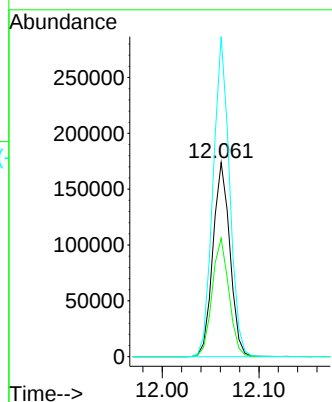
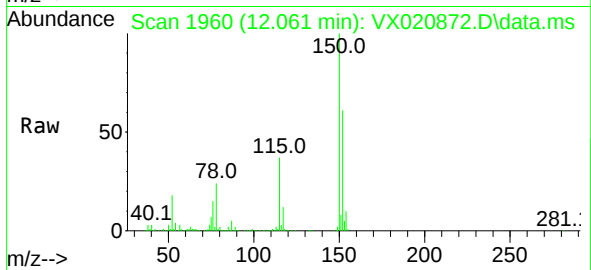




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.061 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VX020872.D
Acq: 05 Feb 2021 16:07

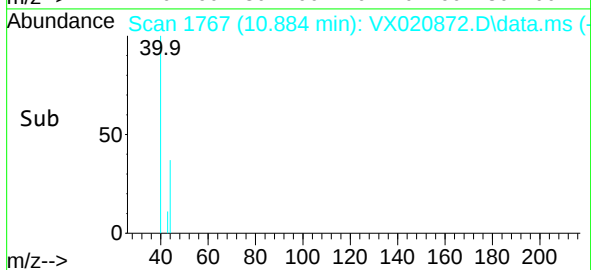
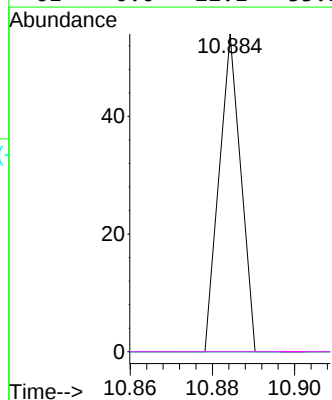
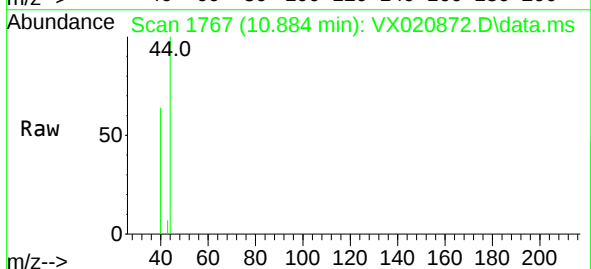
Instrument :
MSVOA_X
ClientSampleId :

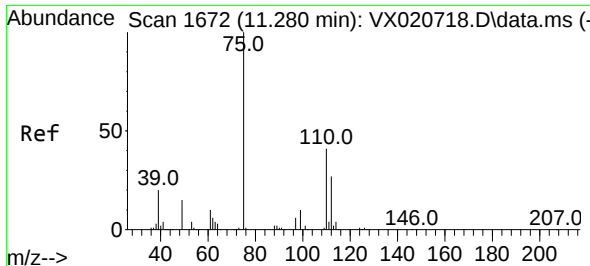
Tgt Ion:152 Resp: 211370
Ion Ratio Lower Upper
152 100
115 60.2 41.1 123.3
150 159.9 0.0 349.0



#74
N-ethyl acetate
Concen: 2.02 ug/l
RT: 10.884 min Scan# 1767
Delta R.T. 0.006 min
Lab File: VX020872.D
Acq: 05 Feb 2021 16:07

Tgt Ion: 43 Resp: 20
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#

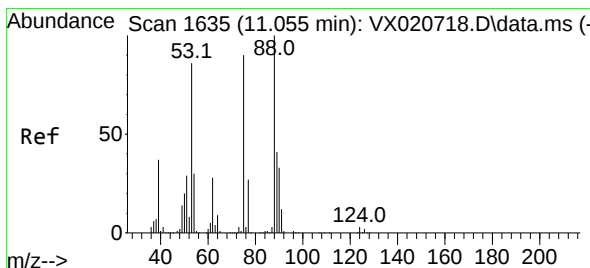
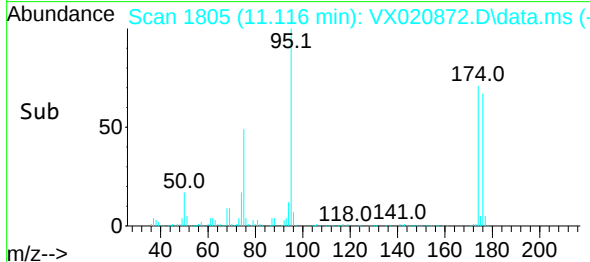
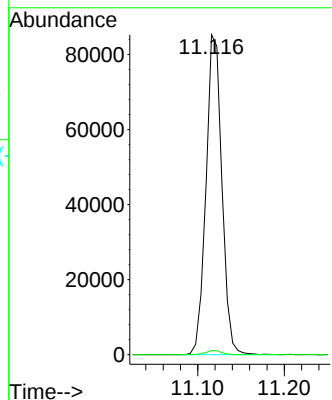
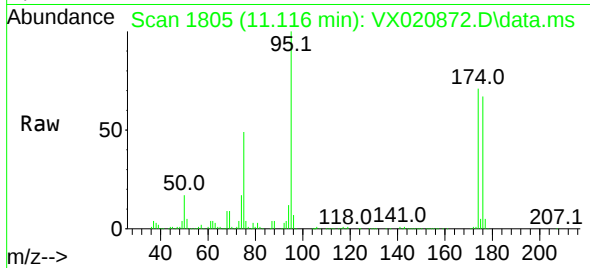




#76
1,2,3-Trichloropropane
Concen: 22.19 ug/l
RT: 11.116 min Scan# 1805
Delta R.T. -0.164 min
Lab File: VX020872.D
Acq: 05 Feb 2021 16:07

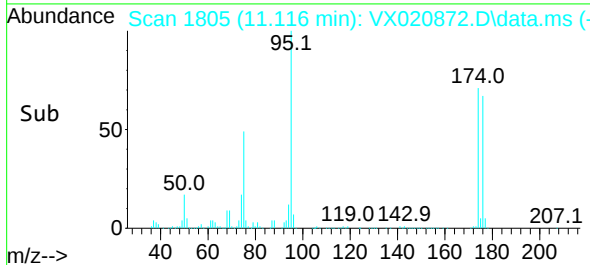
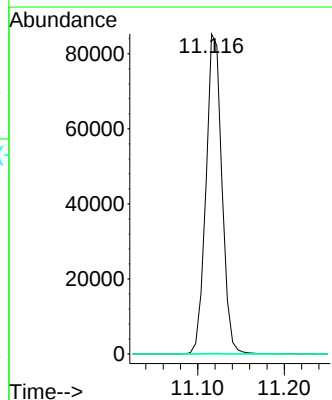
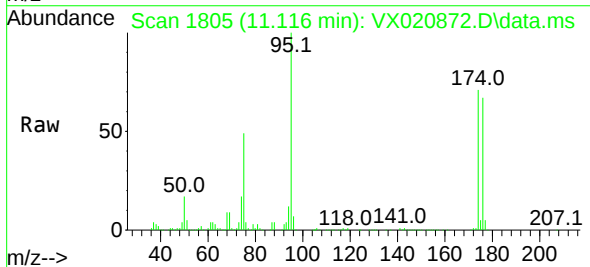
Instrument :
MSVOA_X
ClientSampleId :

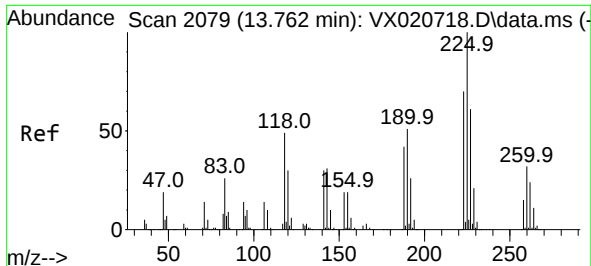
Tgt Ion: 75 Resp: 108763
Ion Ratio Lower Upper
75 100
77 1.3 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.17 ug/l
RT: 11.116 min Scan# 1805
Delta R.T. 0.061 min
Lab File: VX020872.D
Acq: 05 Feb 2021 16:07

Tgt Ion: 75 Resp: 108763
Ion Ratio Lower Upper
75 100
53 0.2 74.5 111.7#
89 0.0 37.9 56.9#

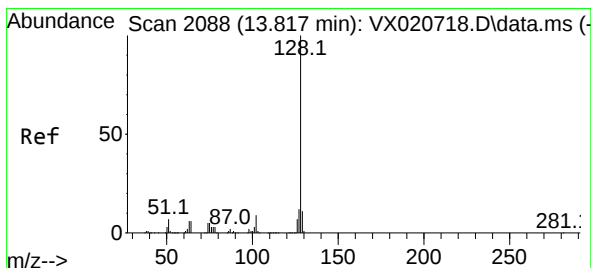
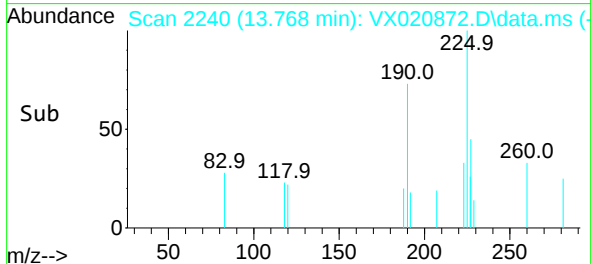
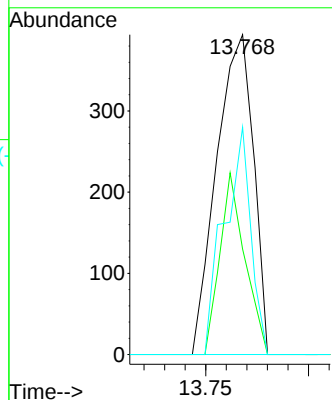
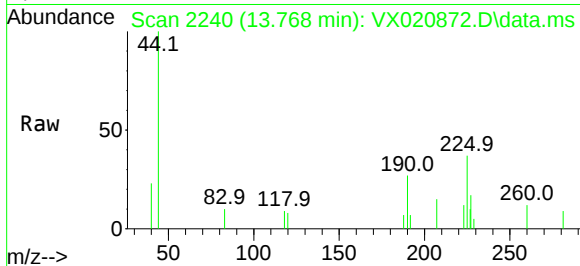




#94
Hexachlorobutadiene
Concen: 0.24 ug/l
RT: 13.768 min Scan# 2240
Delta R.T. 0.006 min
Lab File: VX020872.D
Acq: 05 Feb 2021 16:07

Instrument :
MSVOA_X
ClientSampled :

Tgt Ion:	225	Resp:	490
Ion	Ratio	Lower	Upper
225	100		
223	38.8	31.1	93.2
227	51.6	31.6	95.0



#95
Naphthalene
Concen: 2.88 ug/l
RT: 13.823 min Scan# 2249
Delta R.T. 0.006 min
Lab File: VX020872.D
Acq: 05 Feb 2021 16:07

Tgt Ion:	128	Resp:	139
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.3	15.5#
129	0.0	8.8	13.2#

