

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031021\
 Data File : VX021129.D
 Acq On : 10 Mar 2021 12:29
 Operator : JC/MD
 Sample : M1628-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Mar 11 02:10:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 24 13:50:55 2021
 Response via : Initial Calibration

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

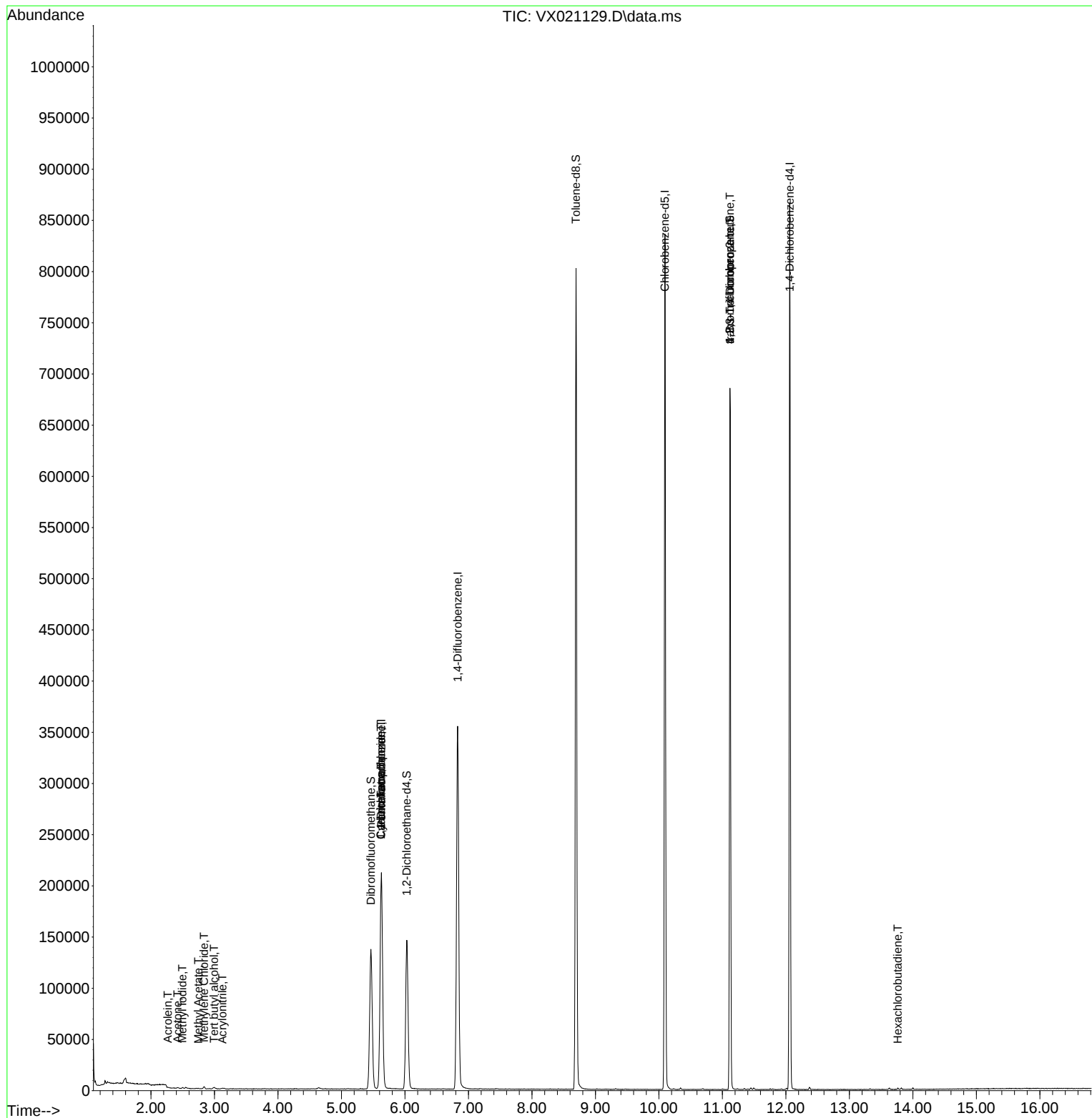
Internal Standards						
1) Pentafluorobenzene	5.629	168	209126	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.829	114	382949	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.094	117	385578	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.059	152	176359	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.029	65	136858	48.45	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.90%
35) Dibromofluoromethane	5.464	113	119316	51.28	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	102.56%
50) Toluene-d8	8.694	98	481628	53.09	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.18%
62) 4-Bromofluorobenzene	11.118	95	190389	56.76	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	113.52%
Target Compounds						
					Qvalue	
5) Bromomethane	1.640	94	529	Below Cal		98
10) Methyl Iodide	2.493	142	1055	0.35 ug/l		92
11) Tert butyl alcohol	2.993	59	896	1.42 ug/l #		73
13) Acrolein	2.264	56	128	0.33 ug/l #		34
15) Acrylonitrile	3.123	53	335	0.25 ug/l		92
16) Acetone	2.417	43	935	0.80 ug/l		97
18) Methyl Acetate	2.746	43	660	0.24 ug/l #		57
20) Methylene Chloride	2.834	84	829	0.30 ug/l #		79
31) Cyclohexane	5.623	56	4100	1.00 ug/l #		1
36) 1,1-Dichloropropene	5.623	75	16400	4.51 ug/l #		48
38) Carbon Tetrachloride	5.623	117	19673	5.58 ug/l #		16
76) 1,2,3-Trichloropropane	11.118	75	88896	23.43 ug/l #		39
81) trans-1,4-Dichloro-2-b...	11.118	75	88896	51.88 ug/l #		12
94) Hexachlorobutadiene	13.759	225	295	0.20 ug/l		88

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031021\
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Mar 11 02:10:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022421W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 24 13:50:55 2021
Response via : Initial Calibration

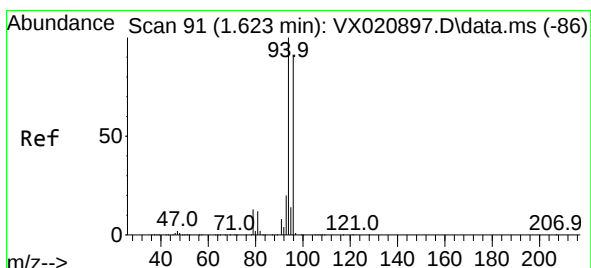
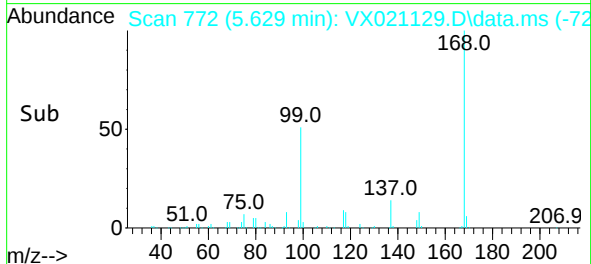
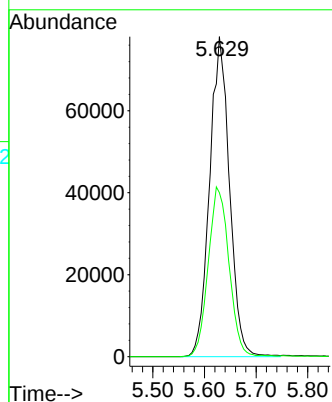
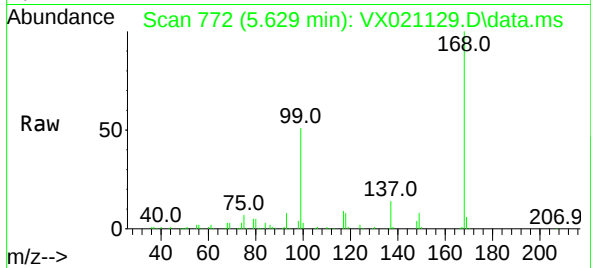




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 772
Delta R.T. 0.006 min
Lab File: VX021129.D
Acq: 10 Mar 2021 12:29

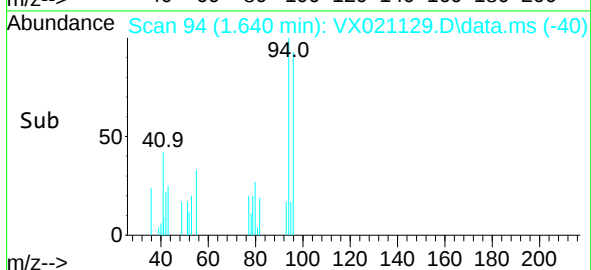
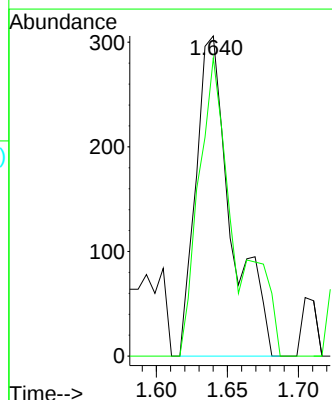
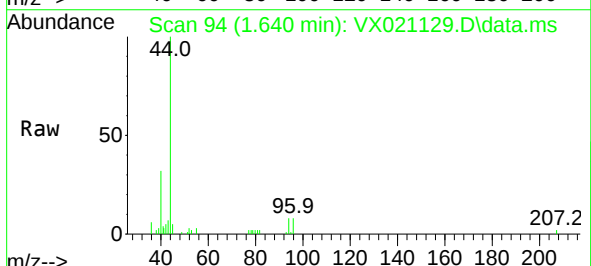
Instrument :
MSVOA_X
ClientSampleId :

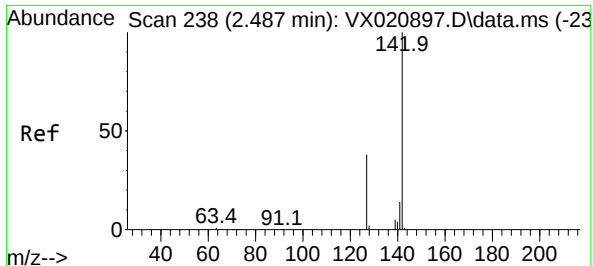
Tgt Ion:168 Resp: 209126
Ion Ratio Lower Upper
168 100
99 51.2 45.8 68.6



#5
Bromomethane
Concen: Below Cal
RT: 1.640 min Scan# 94
Delta R.T. 0.017 min
Lab File: VX021129.D
Acq: 10 Mar 2021 12:29

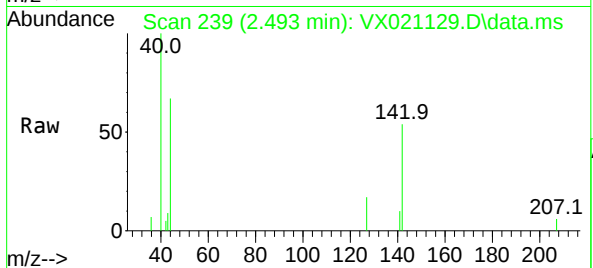
Tgt Ion: 94 Resp: 529
Ion Ratio Lower Upper
94 100
96 93.1 76.4 114.6



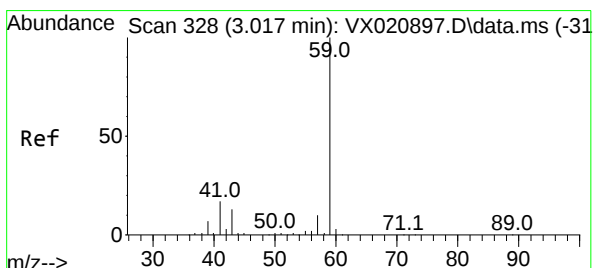
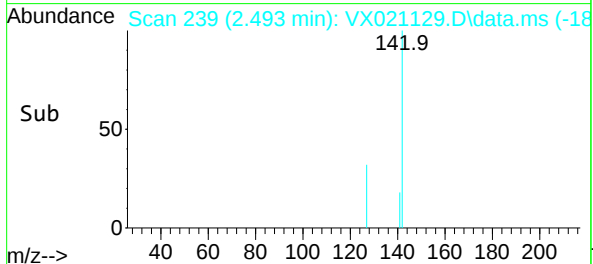
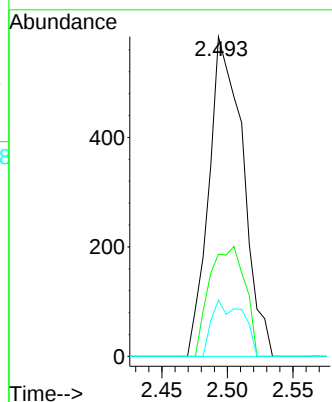


#10
Methyl Iodide
Concen: 0.35 ug/l
RT: 2.493 min Scan# 239
Delta R.T. 0.006 min
Lab File: VX021129.D
Acq: 10 Mar 2021 12:29

Instrument :
MSVOA_X
ClientSampled :

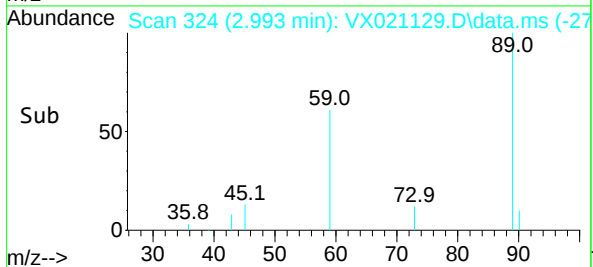
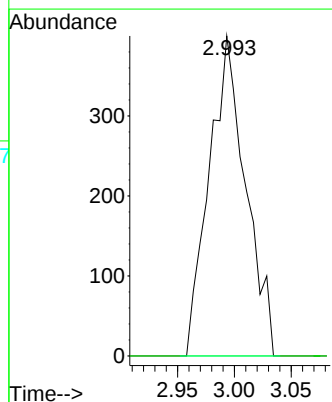
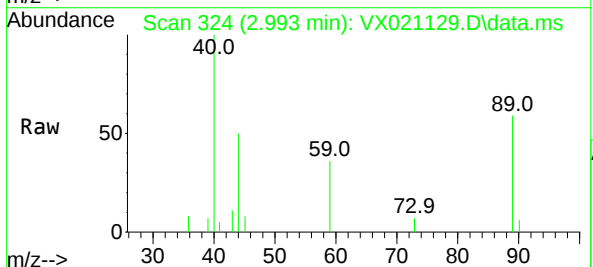


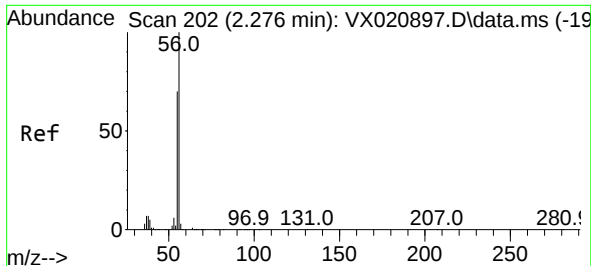
Tgt Ion:142 Resp: 1055
Ion Ratio Lower Upper
142 100
127 35.8 33.3 49.9
141 15.9 11.4 17.0



#11
Tert butyl alcohol
Concen: 1.42 ug/l
RT: 2.993 min Scan# 324
Delta R.T. -0.024 min
Lab File: VX021129.D
Acq: 10 Mar 2021 12:29

Tgt Ion: 59 Resp: 896
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

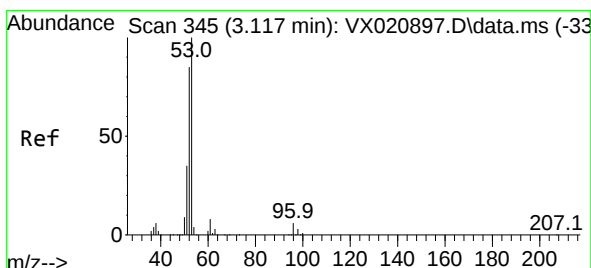
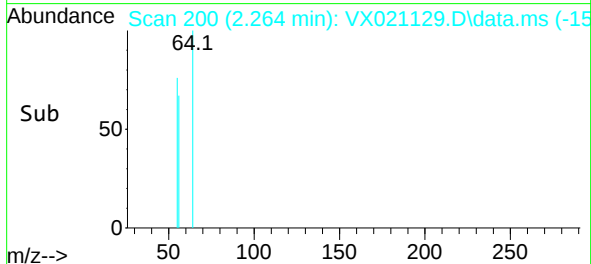
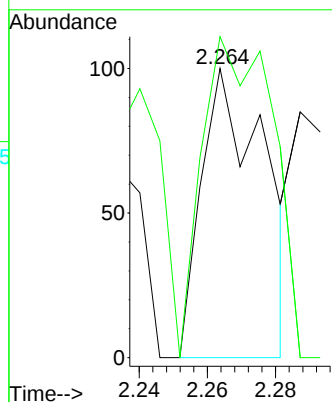
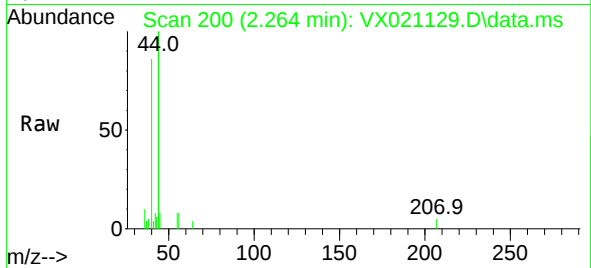




#13
Acrolein
Concen: 0.33 ug/l
RT: 2.264 min Scan# 200
Delta R.T. -0.012 min
Lab File: VX021129.D
Acq: 10 Mar 2021 12:29

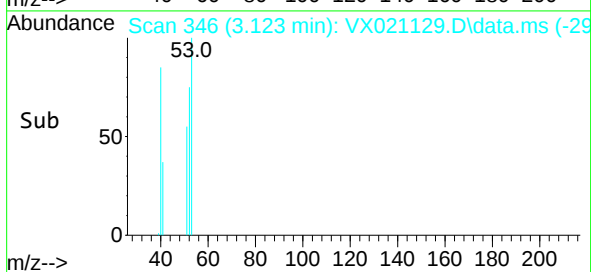
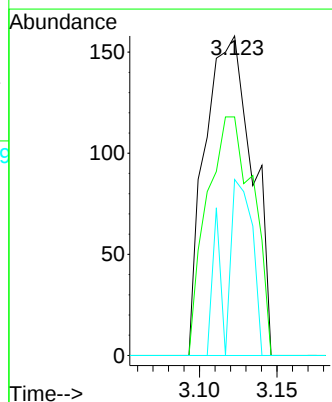
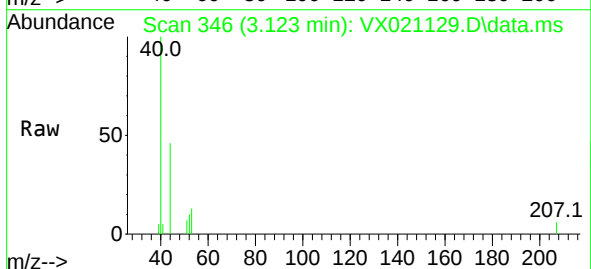
Instrument :
MSVOA_X
ClientSampled :

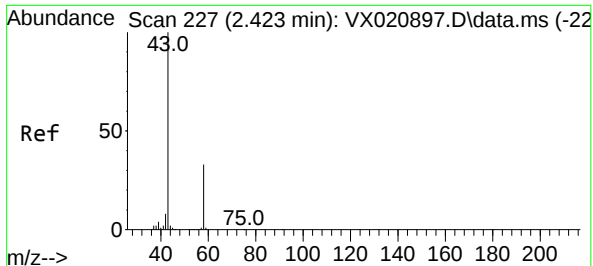
Tgt Ion: 56 Resp: 128
Ion Ratio Lower Upper
56 100
55 125.0 56.4 84.6#



#15
Acrylonitrile
Concen: 0.25 ug/l
RT: 3.123 min Scan# 346
Delta R.T. 0.006 min
Lab File: VX021129.D
Acq: 10 Mar 2021 12:29

Tgt Ion: 53 Resp: 335
Ion Ratio Lower Upper
53 100
52 72.8 65.3 97.9
51 32.2 28.2 42.2

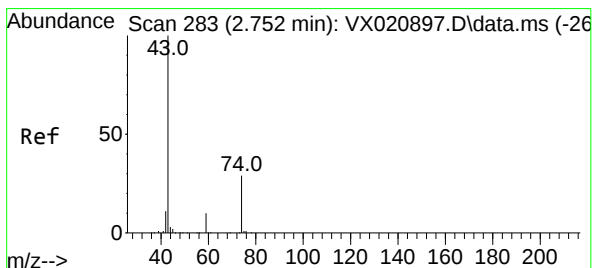
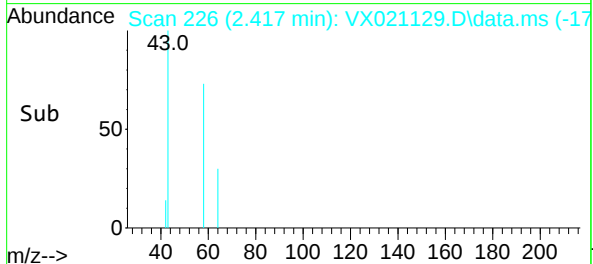
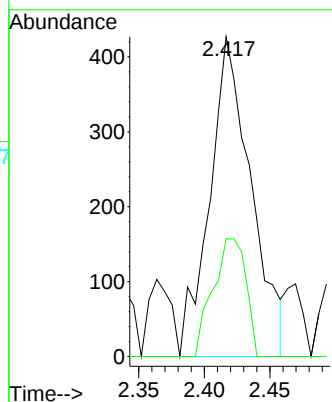
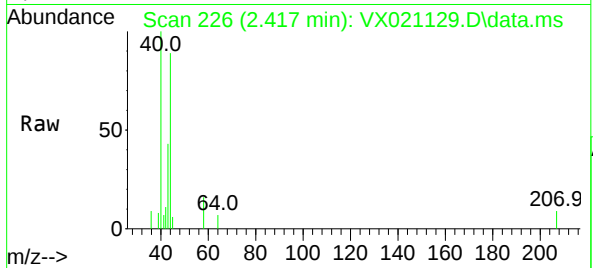




#16
Acetone
Concen: 0.80 ug/l
RT: 2.417 min Scan# 226
Delta R.T. -0.006 min
Lab File: VX021129.D
Acq: 10 Mar 2021 12:29

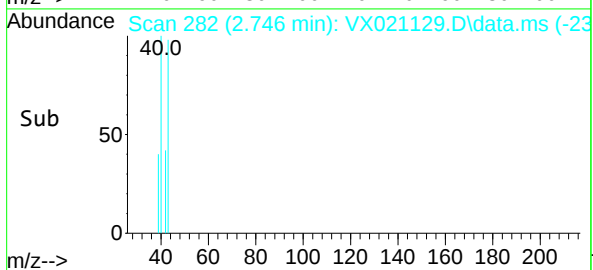
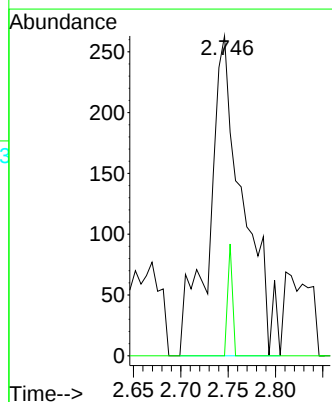
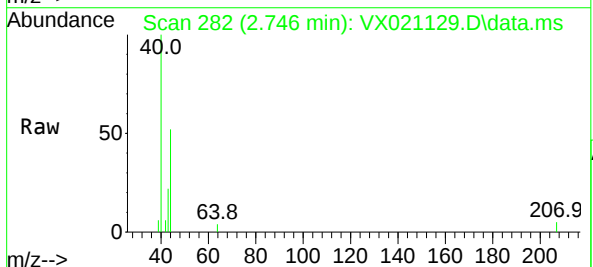
Instrument :
MSVOA_X
ClientSampleId :

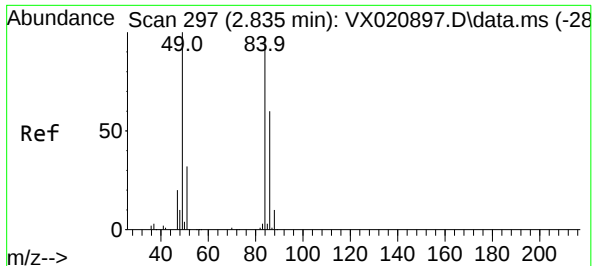
Tgt Ion: 43 Resp: 935
Ion Ratio Lower Upper
43 100
58 36.8 27.8 41.8



#18
Methyl Acetate
Concen: 0.24 ug/l
RT: 2.746 min Scan# 282
Delta R.T. -0.006 min
Lab File: VX021129.D
Acq: 10 Mar 2021 12:29

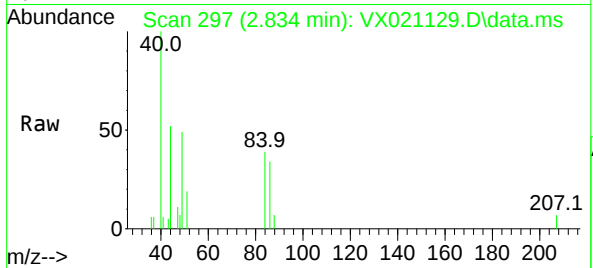
Tgt Ion: 43 Resp: 660
Ion Ratio Lower Upper
43 100
74 4.8 21.9 32.9#



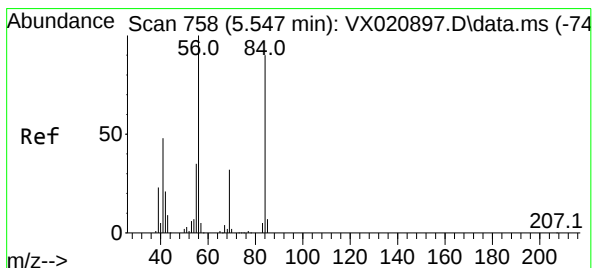
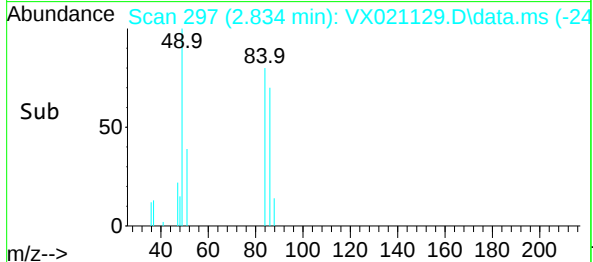
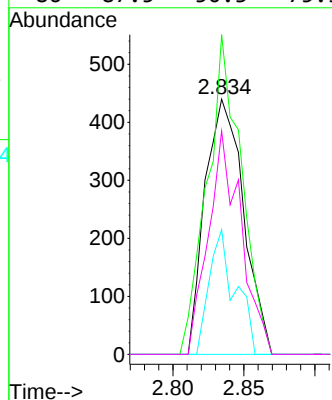


#20
Methylene Chloride
Concen: 0.30 ug/l
RT: 2.834 min Scan# 297
Delta R.T. -0.000 min
Lab File: VX021129.D
Acq: 10 Mar 2021 12:29

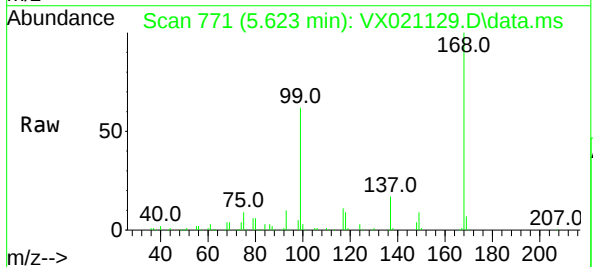
Instrument :
MSVOA_X
ClientSampled :



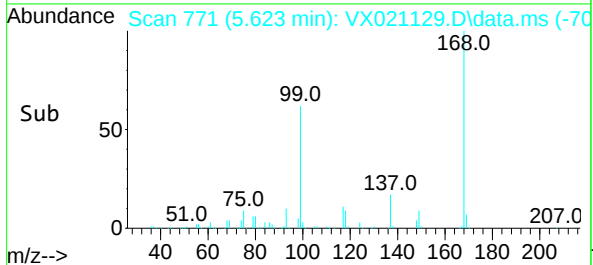
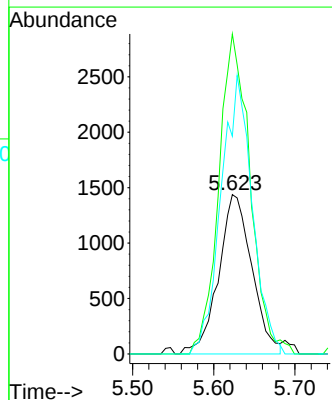
Tgt Ion:	84	Resp:	829
Ion	Ratio	Lower	Upper
84	100		
49	125.2	88.6	132.8
51	48.9	27.0	40.6#
86	87.5	50.3	75.5#

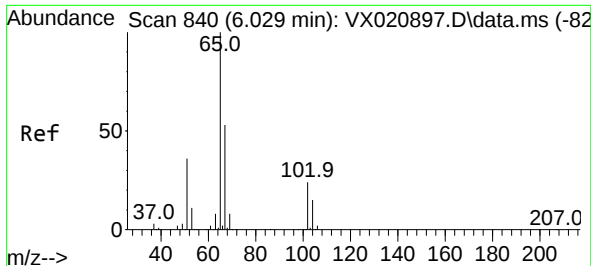


#31
Cyclohexane
Concen: 1.00 ug/l
RT: 5.623 min Scan# 771
Delta R.T. 0.076 min
Lab File: VX021129.D
Acq: 10 Mar 2021 12:29



Tgt Ion:	56	Resp:	4100
Ion	Ratio	Lower	Upper
56	100		
69	200.8	25.3	37.9#
84	136.6	71.4	107.0#

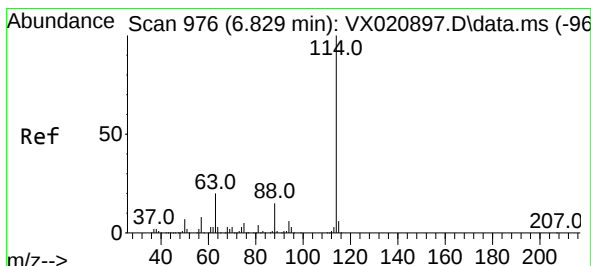
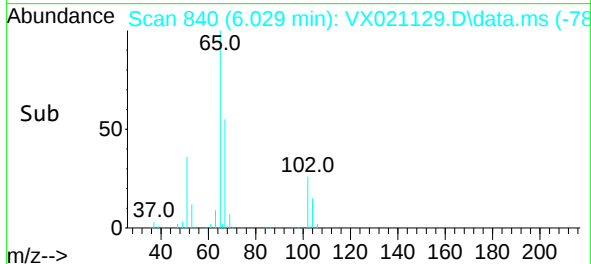
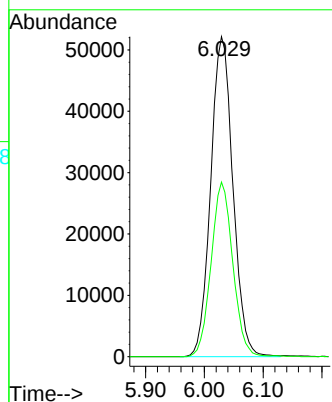
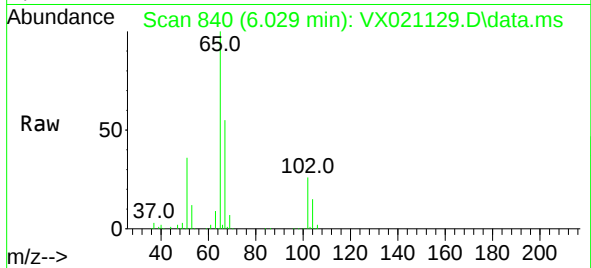




#33
1,2-Dichloroethane-d4
Concen: 48.45 ug/l
RT: 6.029 min Scan# 840
Delta R.T. -0.000 min
Lab File: VX021129.D
Acq: 10 Mar 2021 12:29

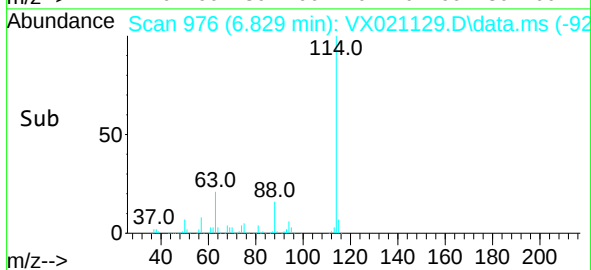
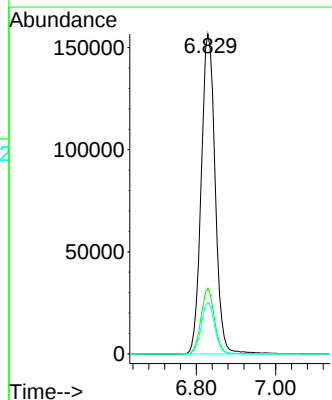
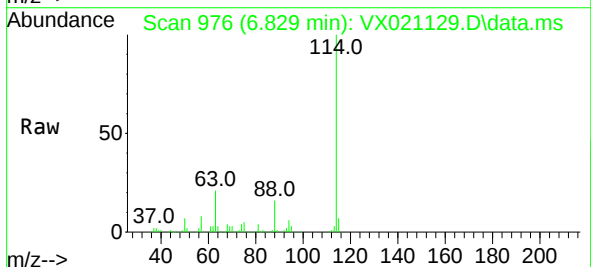
Instrument :
MSVOA_X
ClientSampled :

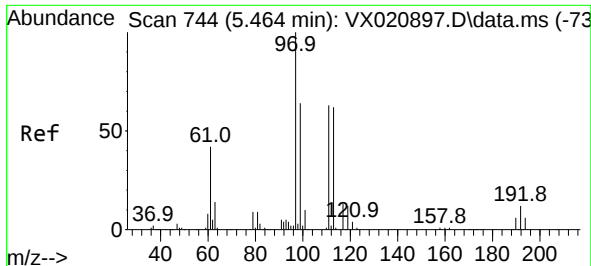
Tgt Ion: 65 Resp: 136858
Ion Ratio Lower Upper
65 100
67 53.4 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.829 min Scan# 976
Delta R.T. -0.000 min
Lab File: VX021129.D
Acq: 10 Mar 2021 12:29

Tgt Ion: 114 Resp: 382949
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.8
88 16.1 0.0 32.8

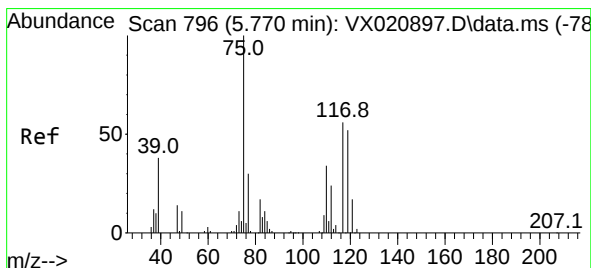
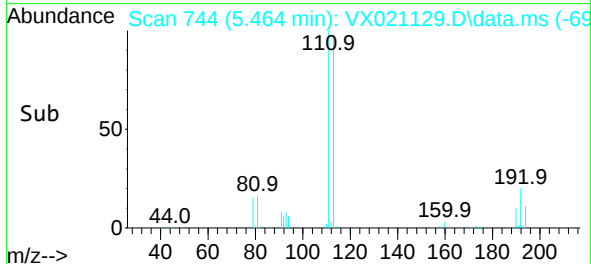
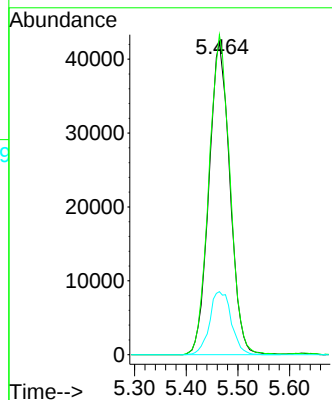
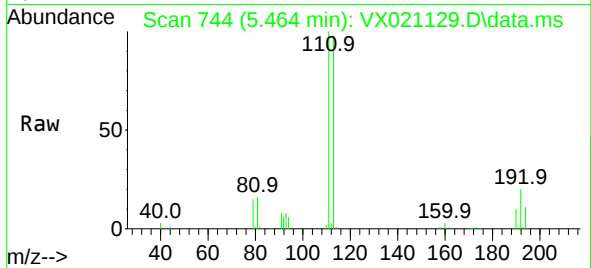




#35
Dibromofluoromethane
Concen: 51.28 ug/l
RT: 5.464 min Scan# 744
Delta R.T. -0.000 min
Lab File: VX021129.D
Acq: 10 Mar 2021 12:29

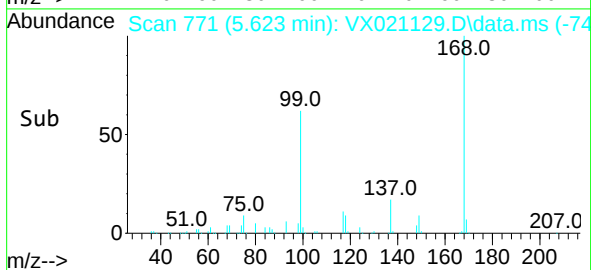
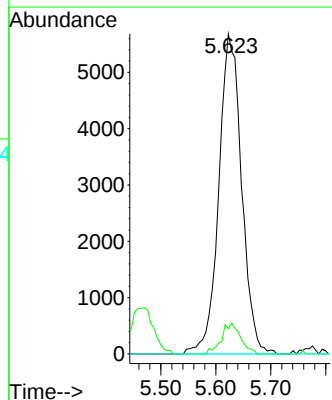
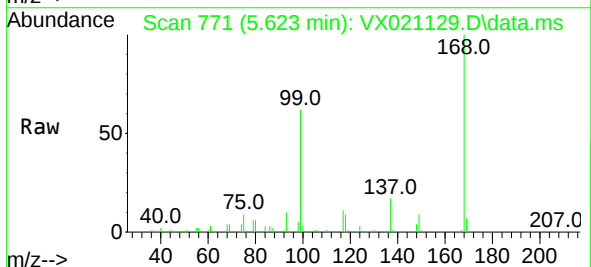
Instrument :
MSVOA_X
ClientSampleId :

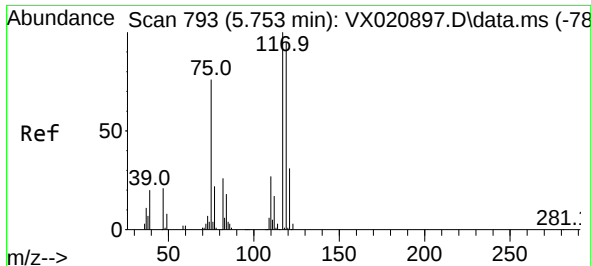
Tgt Ion:113 Resp: 119316
Ion Ratio Lower Upper
113 100
111 102.5 81.9 122.9
192 20.8 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.51 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.147 min
Lab File: VX021129.D
Acq: 10 Mar 2021 12:29

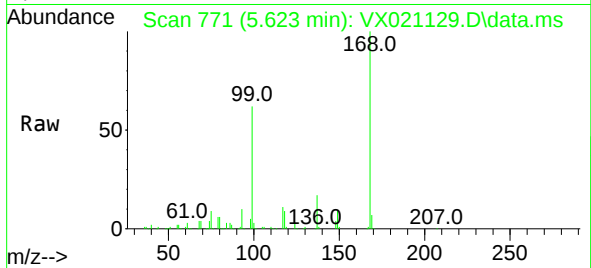
Tgt Ion: 75 Resp: 16400
Ion Ratio Lower Upper
75 100
110 8.1 18.1 54.4#
77 0.0 25.3 37.9#



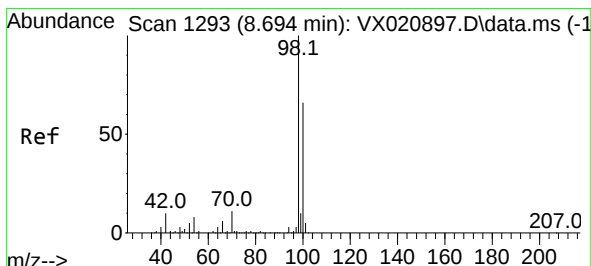
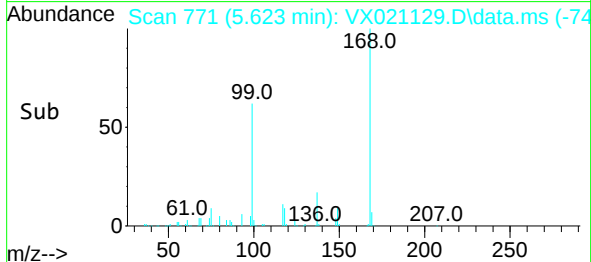
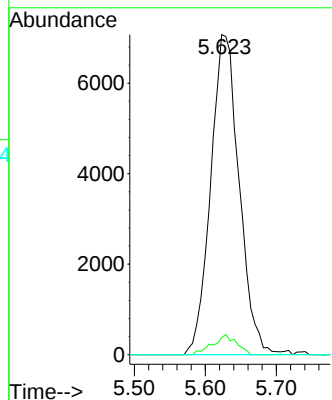


#38
Carbon Tetrachloride
Concen: 5.58 ug/l
RT: 5.623 min Scan# 771
Delta R.T. -0.130 min
Lab File: VX021129.D
Acq: 10 Mar 2021 12:29

Instrument :
MSVOA_X
ClientSampled :

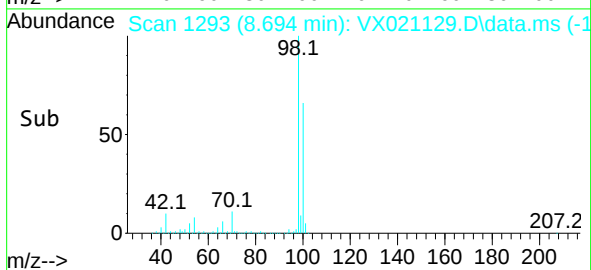
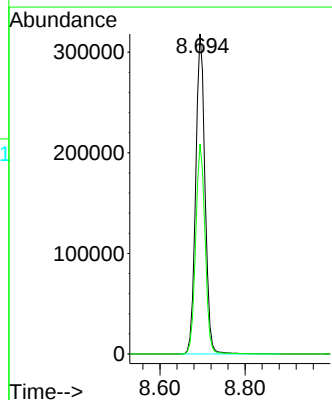
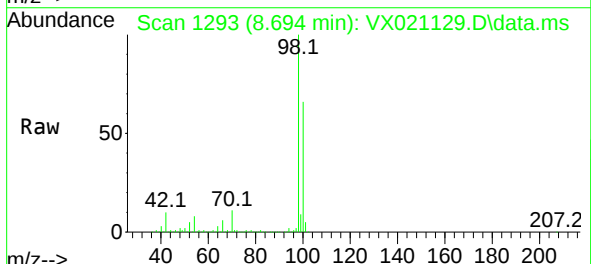


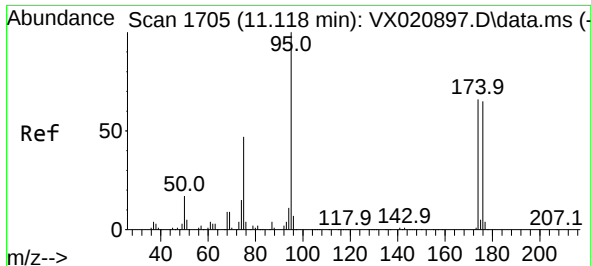
Tgt Ion:117 Resp: 19673
Ion Ratio Lower Upper
117 100
119 5.4 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.09 ug/l
RT: 8.694 min Scan# 1293
Delta R.T. -0.000 min
Lab File: VX021129.D
Acq: 10 Mar 2021 12:29

Tgt Ion: 98 Resp: 481628
Ion Ratio Lower Upper
98 100
100 66.3 51.9 77.9

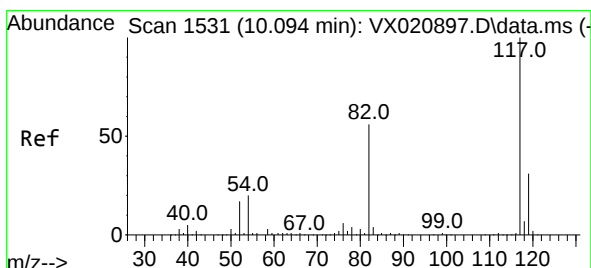
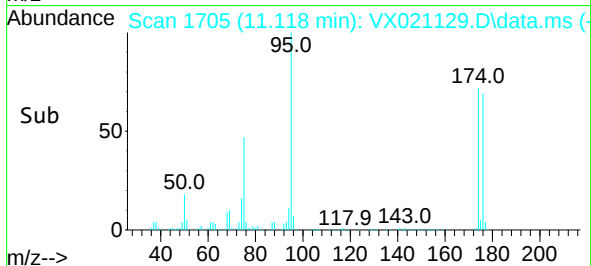
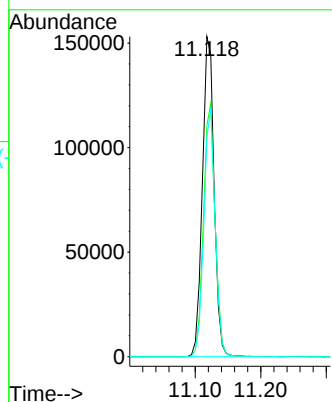
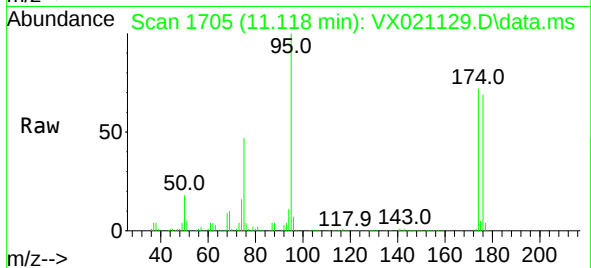




#62
4-Bromofluorobenzene
Concen: 56.76 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VX021129.D
Acq: 10 Mar 2021 12:29

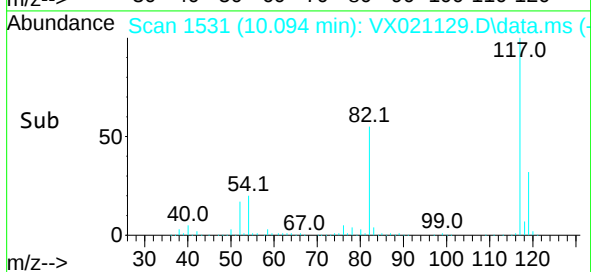
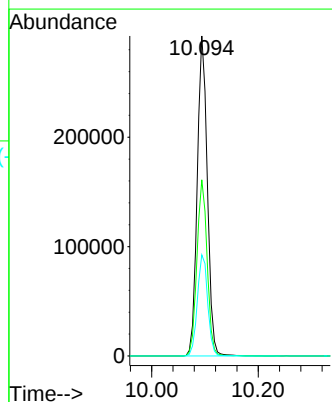
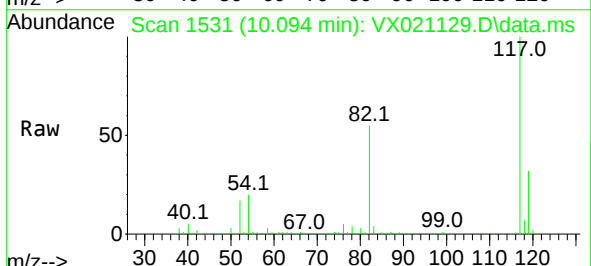
Instrument :
MSVOA_X
ClientSampled :

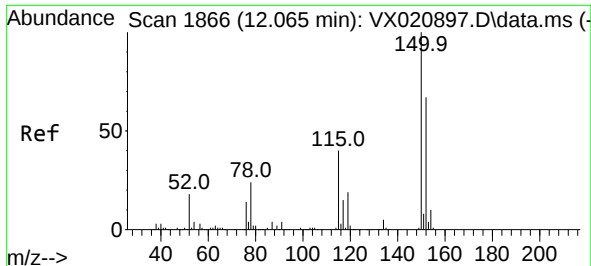
Tgt Ion: 95 Resp: 190389
Ion Ratio Lower Upper
95 100
174 78.9 0.0 154.6
176 74.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.094 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VX021129.D
Acq: 10 Mar 2021 12:29

Tgt Ion: 117 Resp: 385578
Ion Ratio Lower Upper
117 100
82 55.0 47.4 71.2
119 31.6 26.6 39.8

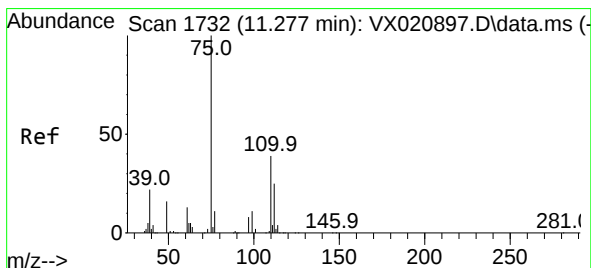
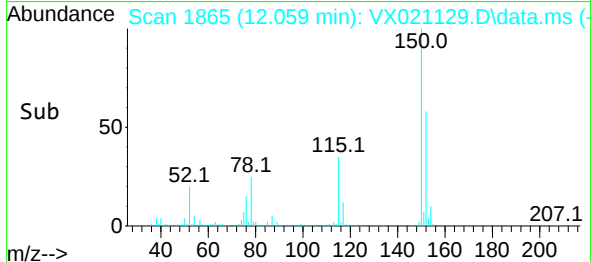
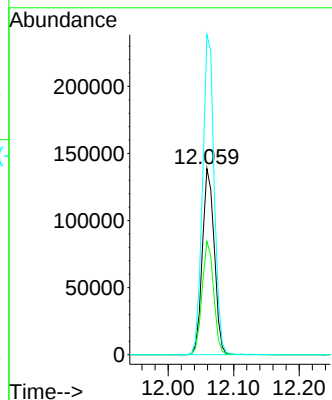
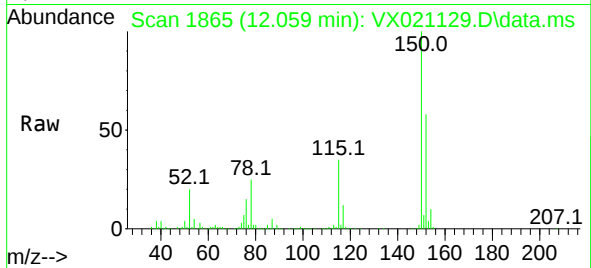




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.059 min Scan# 1865
Delta R.T. -0.006 min
Lab File: VX021129.D
Acq: 10 Mar 2021 12:29

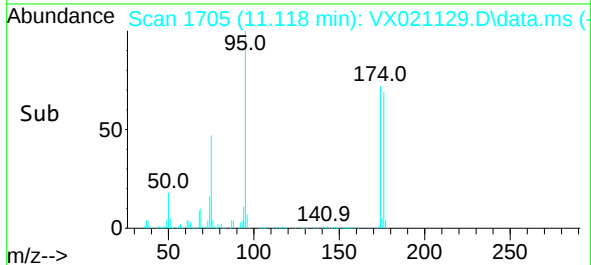
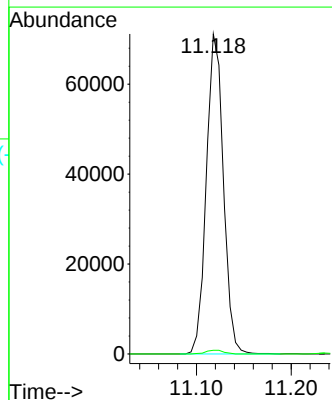
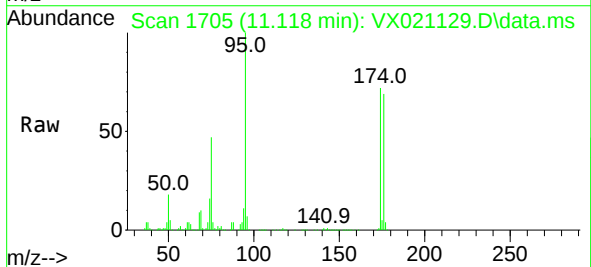
Instrument :
MSVOA_X
ClientSampled :

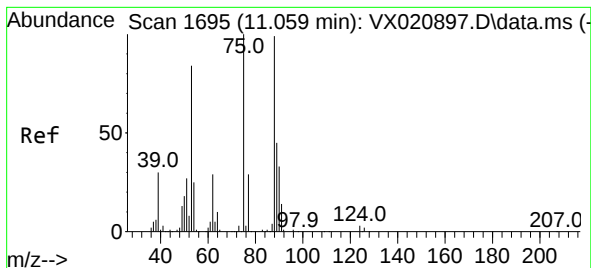
Tgt Ion:152 Resp: 176359
Ion Ratio Lower Upper
152 100
115 59.2 41.1 123.3
150 167.7 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 23.43 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. -0.159 min
Lab File: VX021129.D
Acq: 10 Mar 2021 12:29

Tgt Ion: 75 Resp: 88896
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#

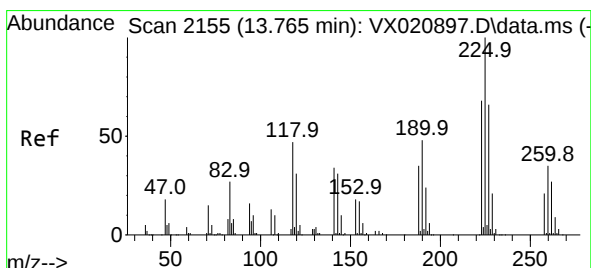
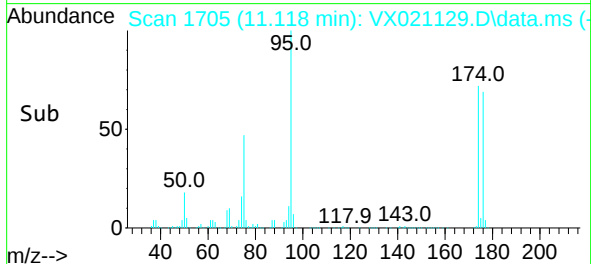
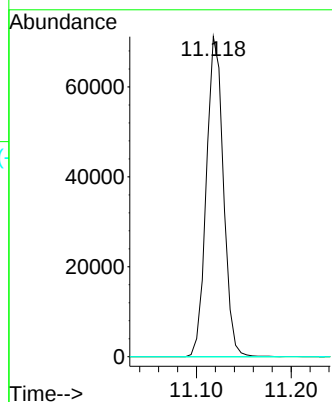
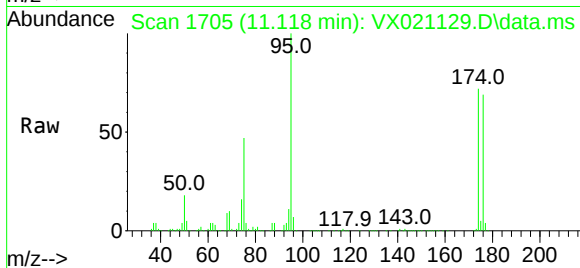




#81
trans-1,4-Dichloro-2-butene
Concen: 51.88 ug/l
RT: 11.118 min Scan# 1705
Delta R.T. 0.059 min
Lab File: VX021129.D
Acq: 10 Mar 2021 12:29

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 88896
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#94
Hexachlorobutadiene
Concen: 0.20 ug/l
RT: 13.759 min Scan# 2154
Delta R.T. -0.006 min
Lab File: VX021129.D
Acq: 10 Mar 2021 12:29

Tgt Ion: 225 Resp: 295
Ion Ratio Lower Upper
225 100
223 46.1 31.1 93.2
227 66.4 31.6 95.0

