

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042321\
 Data File : VX021855.D
 Acq On : 23 Apr 2021 20:10
 Operator : JC/MD
 Sample : M2150-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 26 04:07:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 20 13:46:22 2021
 Response via : Initial Calibration

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

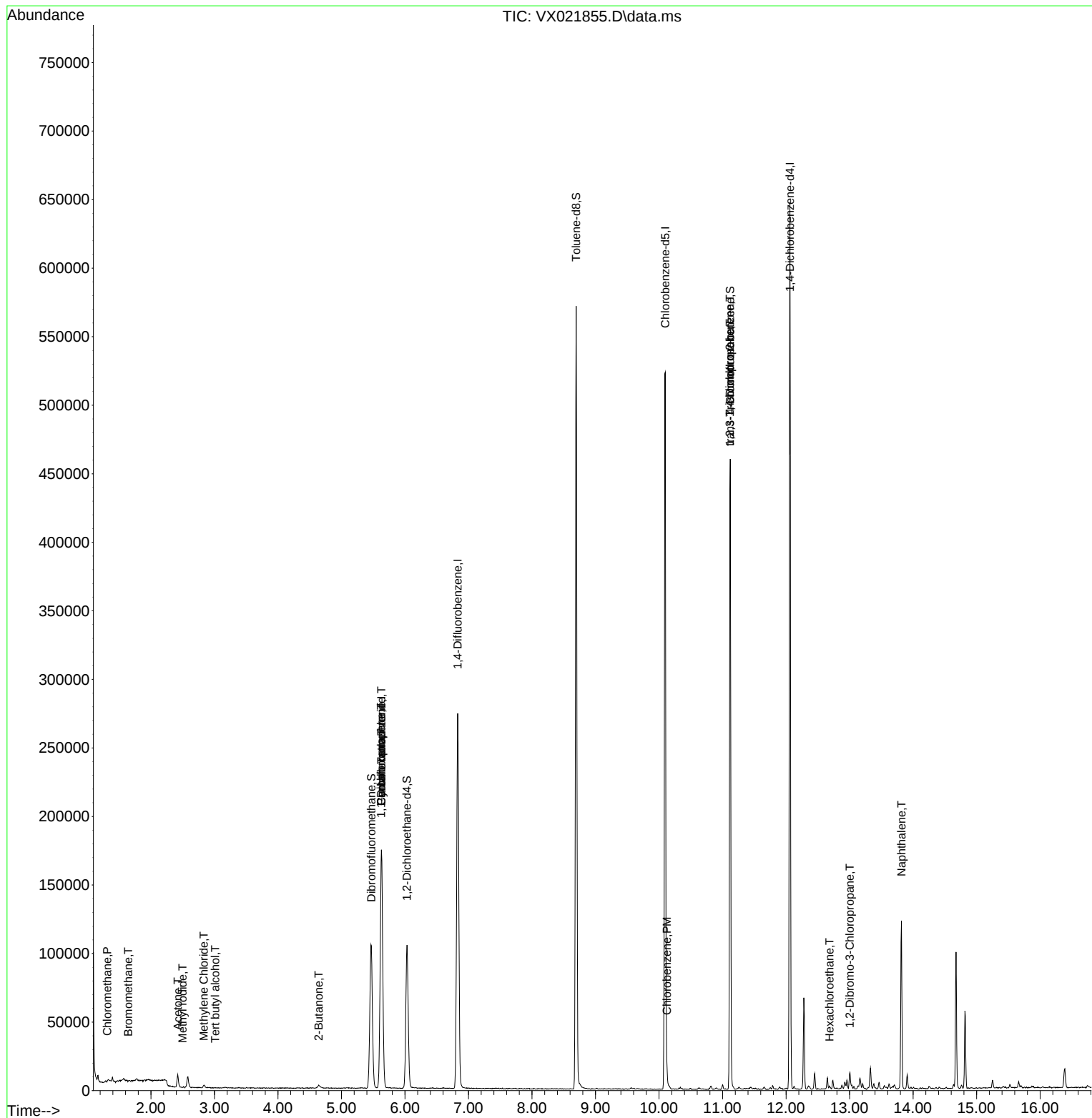
Internal Standards						
1) Pentafluorobenzene	5.629	168	177418	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	298475	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.097	117	272854	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	140838	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	98571	48.97	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.94%
35) Dibromofluoromethane	5.470	113	93903	49.20	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.40%
50) Toluene-d8	8.695	98	354249	48.27	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.54%
62) 4-Bromofluorobenzene	11.122	95	130295	47.54	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.08%
Target Compounds						
					Qvalue	
3) Chloromethane	1.312	50	495	0.52	ug/l #	76
5) Bromomethane	1.642	94	254	0.28	ug/l	87
10) Methyl Iodide	2.495	142	34	8.17	ug/l #	42
11) Tert butyl alcohol	3.013	59	93	0.21	ug/l #	62
16) Acetone	2.422	43	9214	13.32	ug/l	98
20) Methylene Chloride	2.830	84	1106	0.53	ug/l #	72
25) 2-Butanone	4.641	43	3617	3.09	ug/l	91
31) Cyclohexane	5.629	56	3012	1.06	ug/l #	1
36) 1,1-Dichloropropene	5.623	75	11593	4.40	ug/l #	50
38) Carbon Tetrachloride	5.629	117	16703	5.79	ug/l #	16
65) Chlorobenzene	10.122	112	4402	0.78	ug/l	96
76) 1,2,3-Trichloropropane	11.116	75	58704	21.02	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.116	75	58704	48.33	ug/l #	12
90) Hexachloroethane	12.682	117	861	0.52	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	13.005	75	225	0.33	ug/l #	1
95) Naphthalene	13.816	128	78698	8.29	ug/l	99

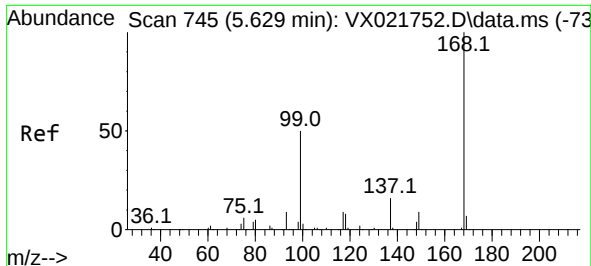
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042321\
Data File : VX021855.D
Acq On : 23 Apr 2021 20:10
Operator : JC/MD
Sample : M2150-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 26 04:07:34 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 20 13:46:22 2021
Response via : Initial Calibration

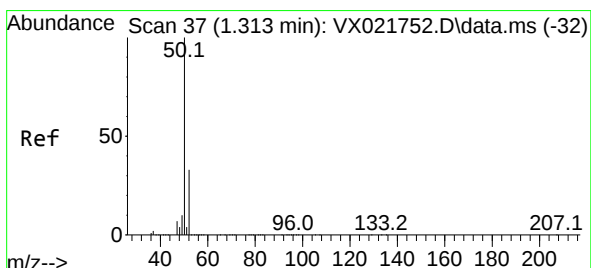
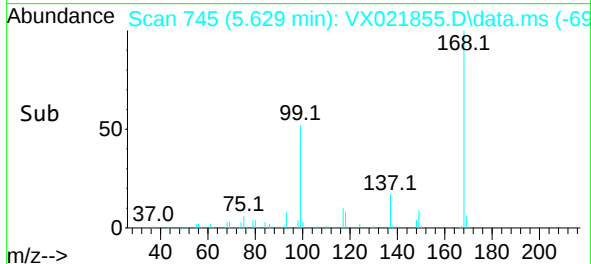
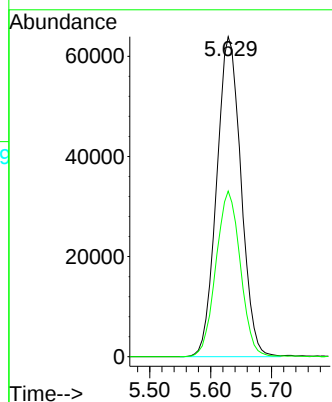
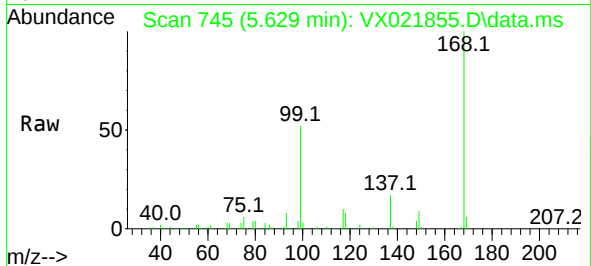




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.000 min
Lab File: VX021855.D
Acq: 23 Apr 2021 20:10

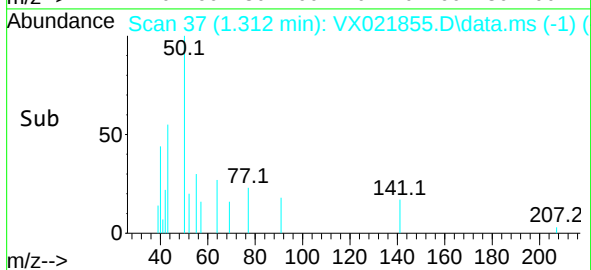
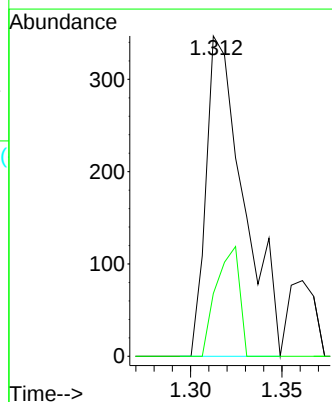
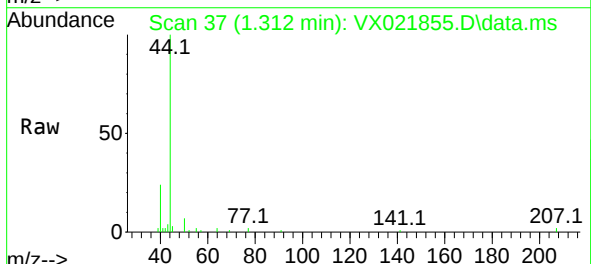
Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion:168 Resp: 177418
Ion Ratio Lower Upper
168 100
99 51.7 45.8 68.6



#3
Chloromethane
Concen: 0.52 ug/l
RT: 1.312 min Scan# 37
Delta R.T. -0.001 min
Lab File: VX021855.D
Acq: 23 Apr 2021 20:10

Tgt Ion: 50 Resp: 495
Ion Ratio Lower Upper
50 100
52 19.6 26.4 39.6#

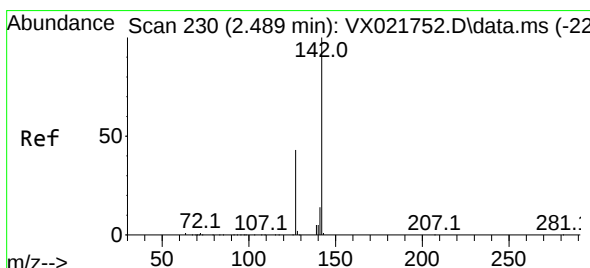
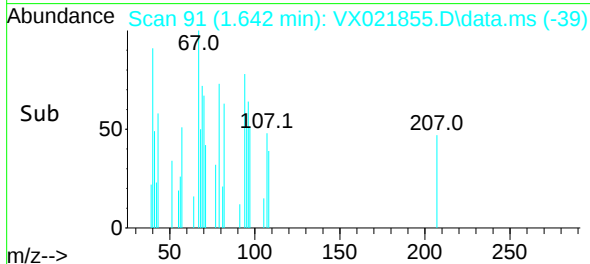
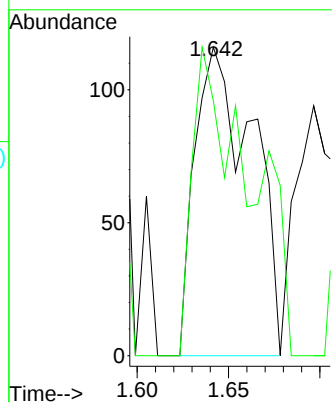
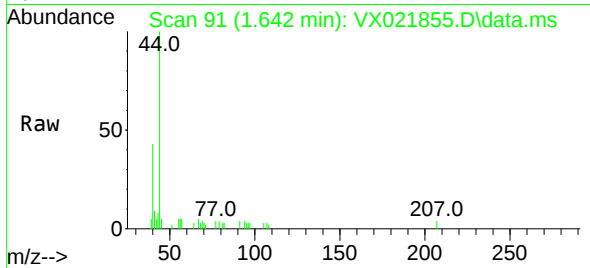




#5
Bromomethane
Concen: 0.28 ug/l
RT: 1.642 min Scan# 91
Delta R.T. 0.019 min
Lab File: VX021855.D
Acq: 23 Apr 2021 20:10

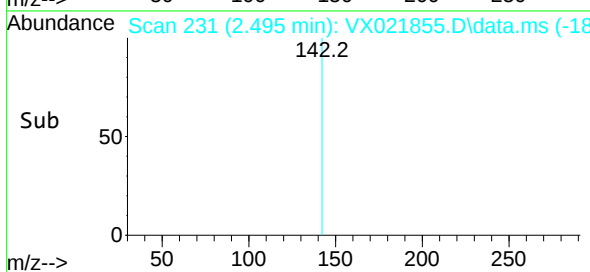
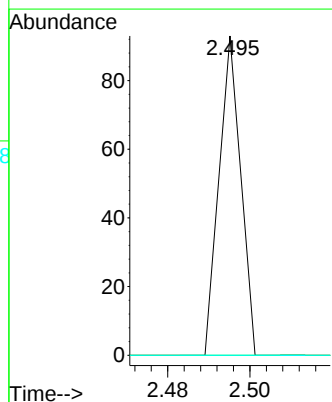
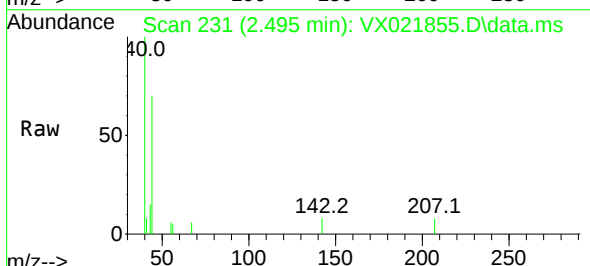
Instrument :
MSVOA_X
ClientSampleId :

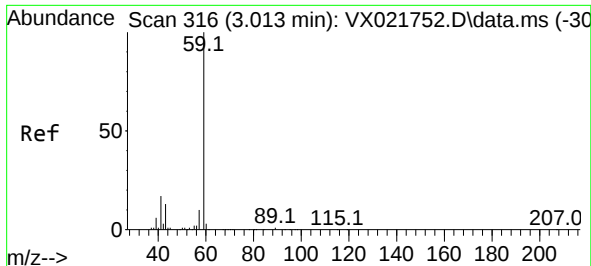
Tgt Ion: 94 Resp: 254
Ion Ratio Lower Upper
94 100
96 82.8 76.4 114.6



#10
Methyl Iodide
Concen: 8.17 ug/l
RT: 2.495 min Scan# 231
Delta R.T. 0.006 min
Lab File: VX021855.D
Acq: 23 Apr 2021 20:10

Tgt Ion: 142 Resp: 34
Ion Ratio Lower Upper
142 100
127 0.0 33.3 49.9#
141 0.0 11.4 17.0#



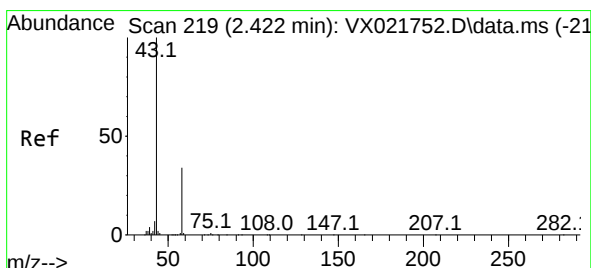
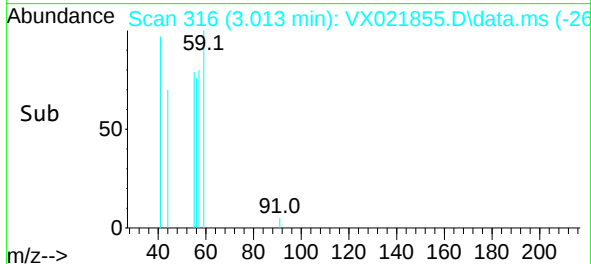
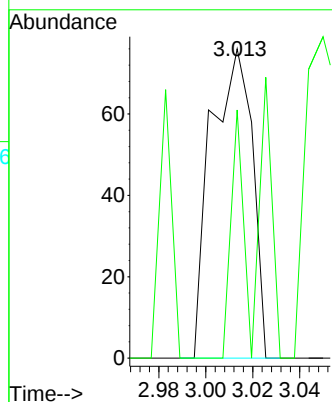
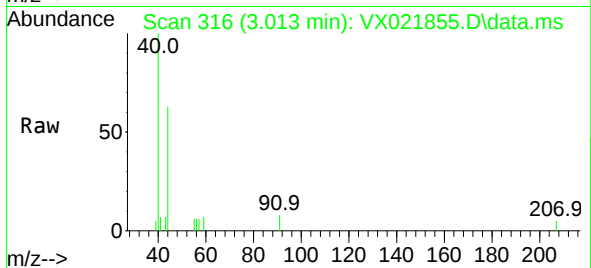


#11

Tert butyl alcohol
Concen: 0.21 ug/l
RT: 3.013 min Scan# 316
Delta R.T. 0.000 min
Lab File: VX021855.D
Acq: 23 Apr 2021 20:10

Instrument :
MSVOA_X
ClientSampled :

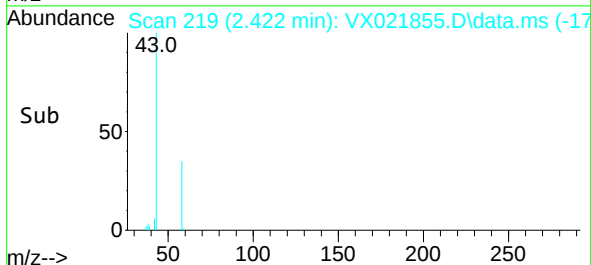
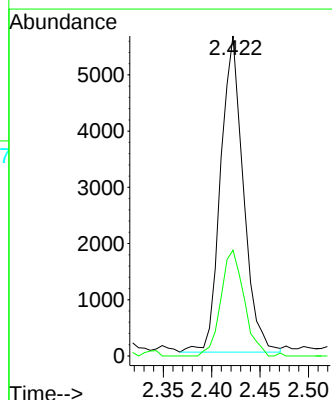
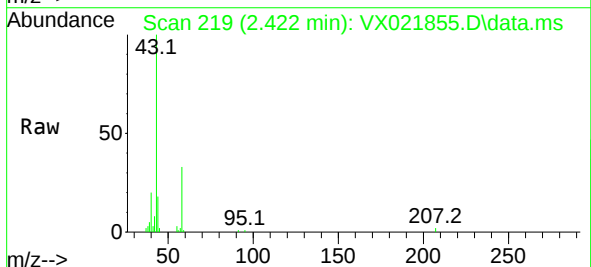
Tgt Ion: 59 Resp: 93
Ion Ratio Lower Upper
59 100
57 23.7 7.8 11.8#

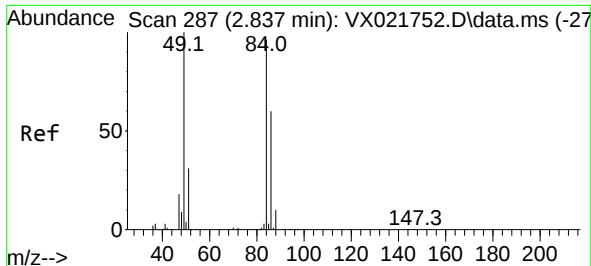


#16

Acetone
Concen: 13.32 ug/l
RT: 2.422 min Scan# 219
Delta R.T. 0.000 min
Lab File: VX021855.D
Acq: 23 Apr 2021 20:10

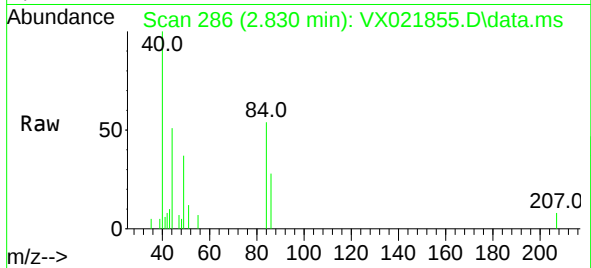
Tgt Ion: 43 Resp: 9214
Ion Ratio Lower Upper
43 100
58 33.4 27.8 41.8



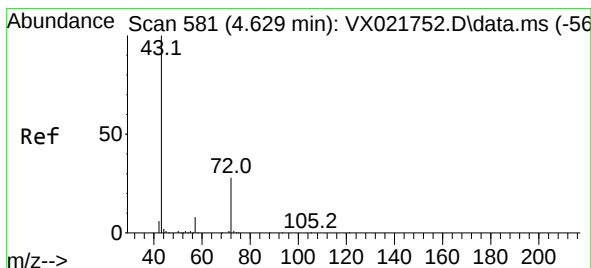
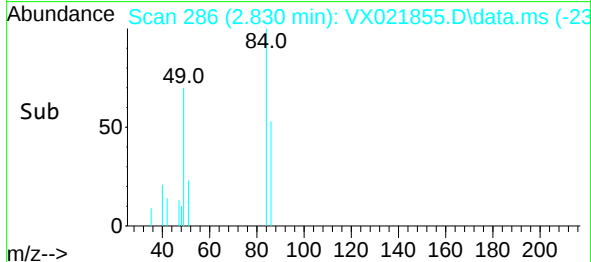
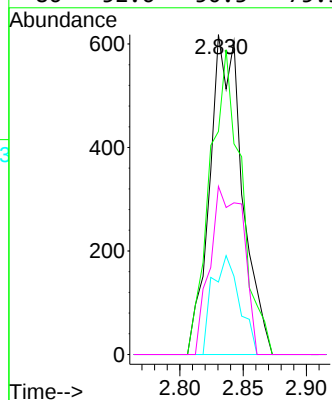


#20
Methylene Chloride
Concen: 0.53 ug/l
RT: 2.830 min Scan# 286
Delta R.T. -0.007 min
Lab File: VX021855.D
Acq: 23 Apr 2021 20:10

Instrument :
MSVOA_X
ClientSampleId :

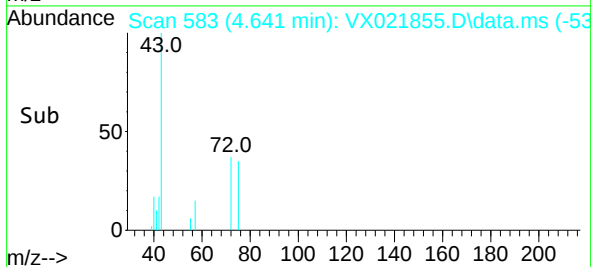
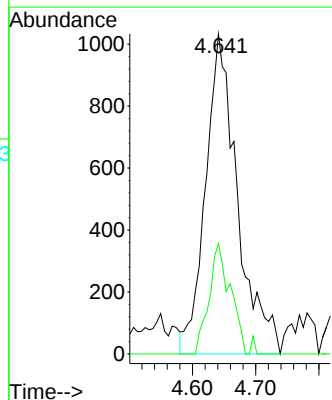
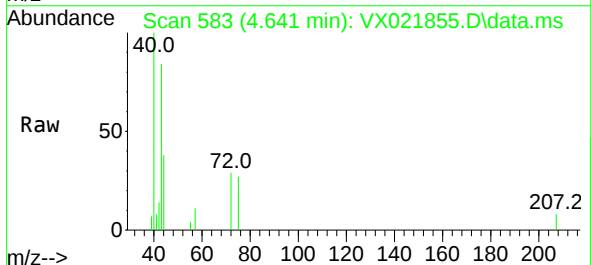


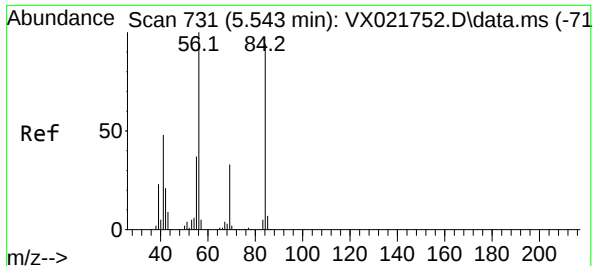
Tgt Ion:	84	Resp:	1106
Ion	Ratio	Lower	Upper
84	100		
49	69.7	88.6	132.8#
51	22.7	27.0	40.6#
86	52.6	50.3	75.5



#25
2-Butanone
Concen: 3.09 ug/l
RT: 4.641 min Scan# 583
Delta R.T. 0.012 min
Lab File: VX021855.D
Acq: 23 Apr 2021 20:10

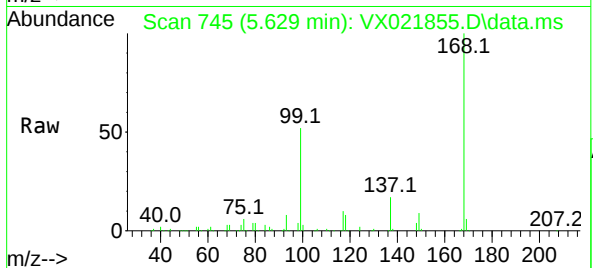
Tgt Ion:	43	Resp:	3617
Ion	Ratio	Lower	Upper
43	100		
72	34.5	23.7	35.5



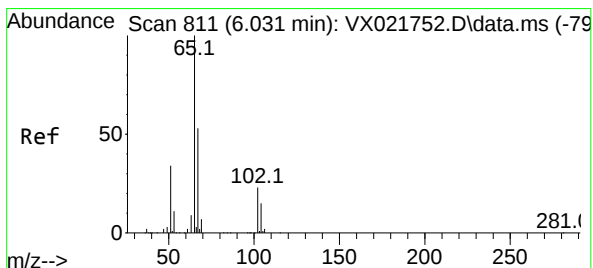
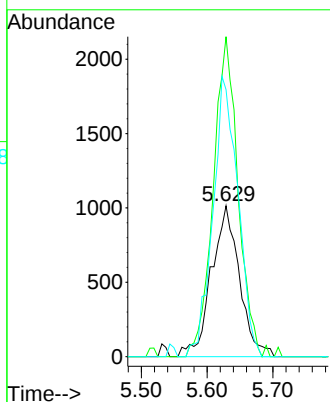
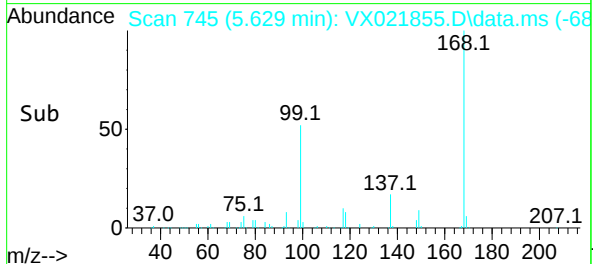


#31
Cyclohexane
Concen: 1.06 ug/l
RT: 5.629 min Scan# 745
Delta R.T. 0.086 min
Lab File: VX021855.D
Acq: 23 Apr 2021 20:10

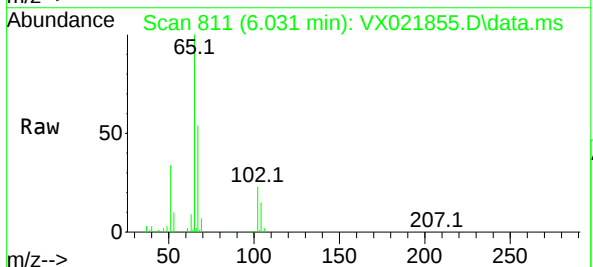
Instrument :
MSVOA_X
ClientSampled :



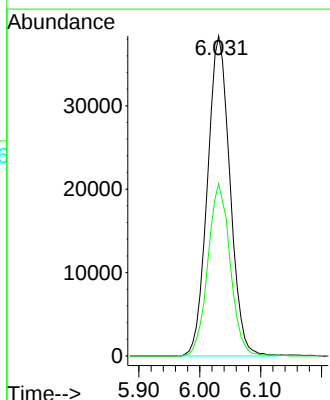
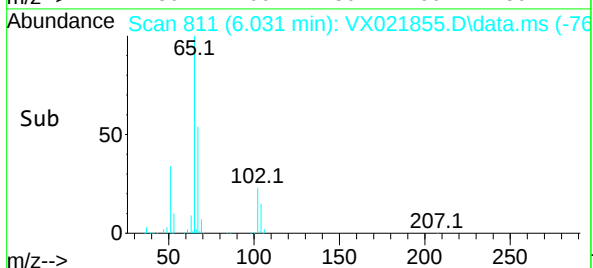
Tgt Ion: 56 Resp: 3012
Ion Ratio Lower Upper
56 100
69 212.2 25.3 37.9#
84 177.1 71.4 107.0#

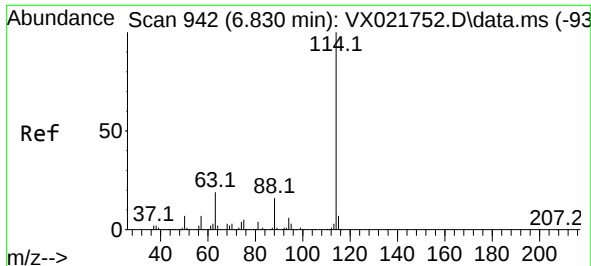


#33
1,2-Dichloroethane-d4
Concen: 48.97 ug/l
RT: 6.031 min Scan# 811
Delta R.T. 0.000 min
Lab File: VX021855.D
Acq: 23 Apr 2021 20:10



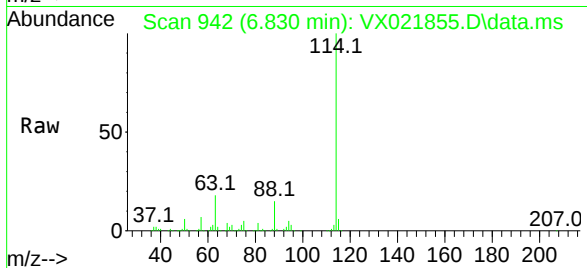
Tgt Ion: 65 Resp: 98571
Ion Ratio Lower Upper
65 100
67 53.1 0.0 105.4



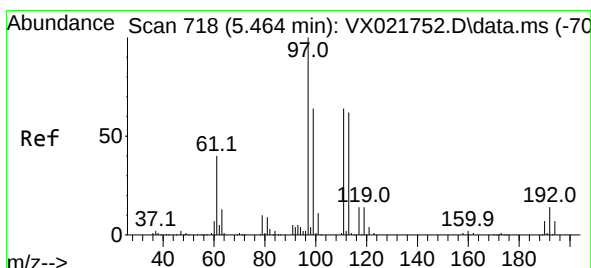
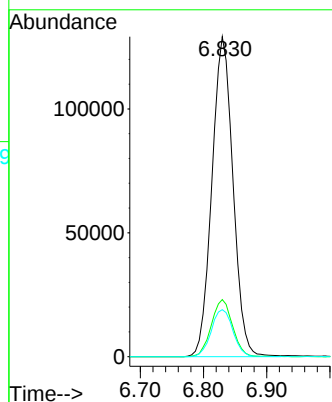
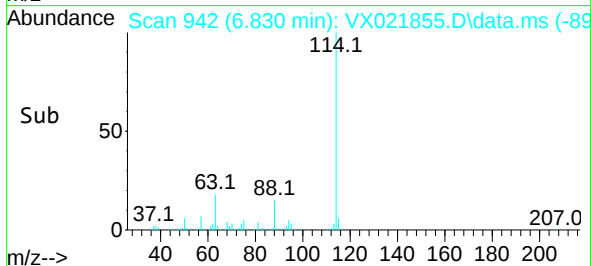


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.830 min Scan# 942
Delta R.T. -0.000 min
Lab File: VX021855.D
Acq: 23 Apr 2021 20:10

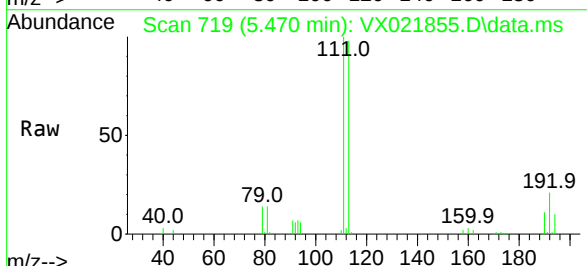
Instrument :
MSVOA_X
ClientSampleId :



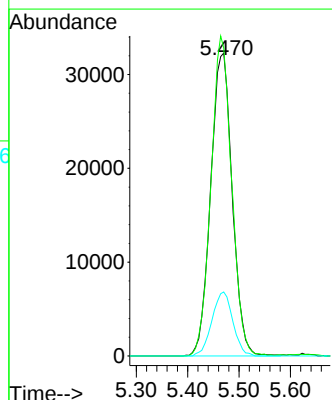
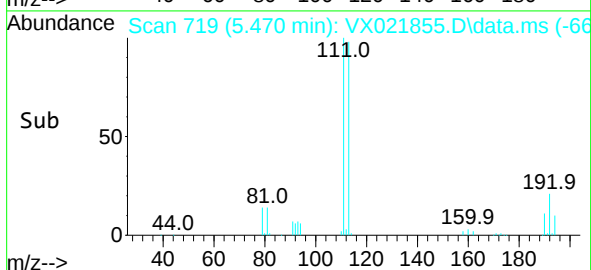
Tgt Ion:114 Resp: 298475
Ion Ratio Lower Upper
114 100
63 17.8 0.0 40.8
88 14.7 0.0 32.8

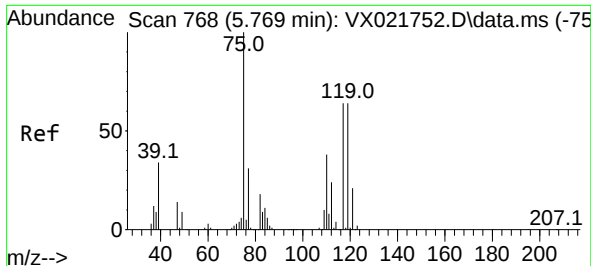


#35
Dibromofluoromethane
Concen: 49.20 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX021855.D
Acq: 23 Apr 2021 20:10



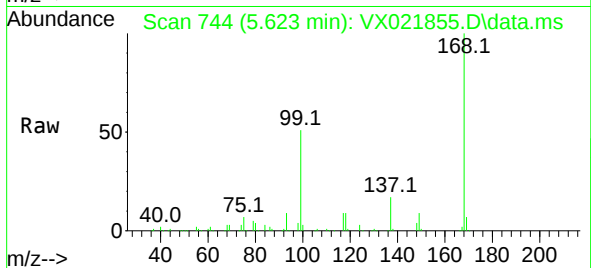
Tgt Ion:113 Resp: 93903
Ion Ratio Lower Upper
113 100
111 101.5 81.9 122.9
192 20.5 16.7 25.1



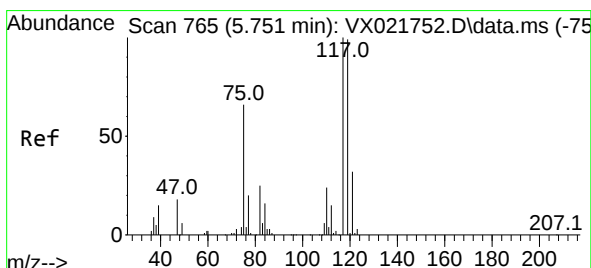
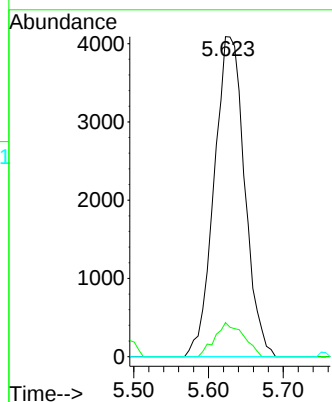
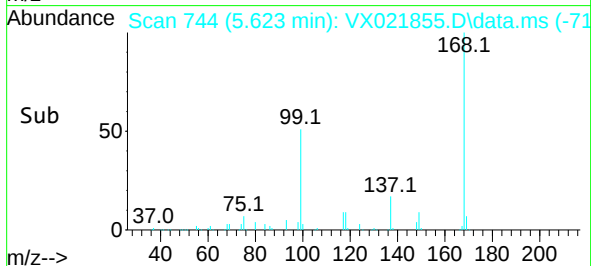


#36
1,1-Dichloropropene
Concen: 4.40 ug/l
RT: 5.623 min Scan# 744
Delta R.T. -0.146 min
Lab File: VX021855.D
Acq: 23 Apr 2021 20:10

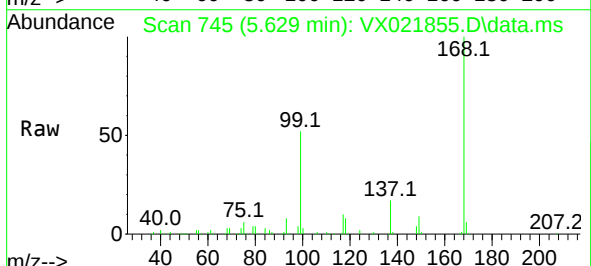
Instrument :
MSVOA_X
ClientSampleId :



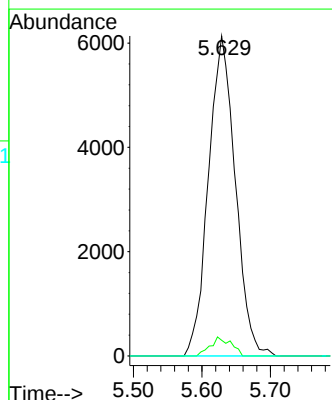
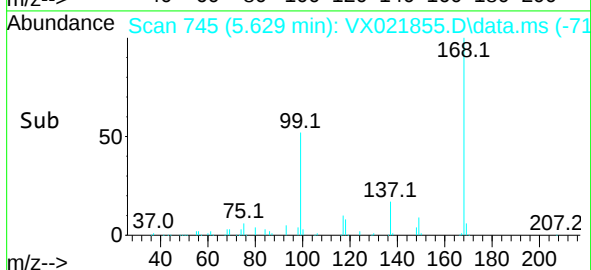
Tgt Ion: 75 Resp: 11593
Ion Ratio Lower Upper
75 100
110 10.0 18.1 54.4#
77 0.0 25.3 37.9#

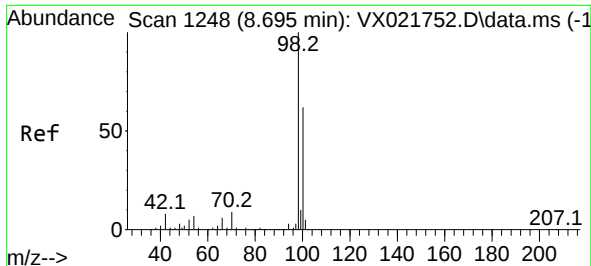


#38
Carbon Tetrachloride
Concen: 5.79 ug/l
RT: 5.629 min Scan# 745
Delta R.T. -0.122 min
Lab File: VX021855.D
Acq: 23 Apr 2021 20:10



Tgt Ion: 117 Resp: 16703
Ion Ratio Lower Upper
117 100
119 4.9 76.2 114.2#
121 0.0 24.8 37.2#

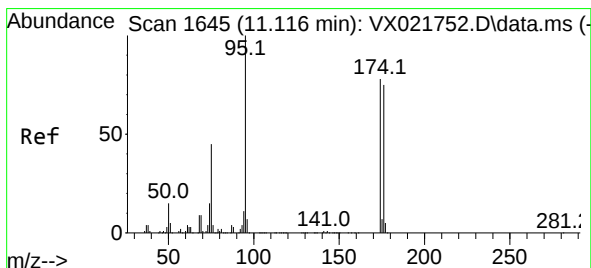
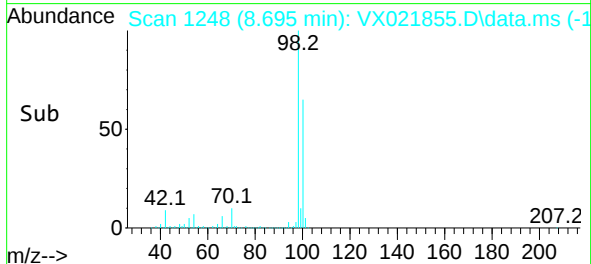
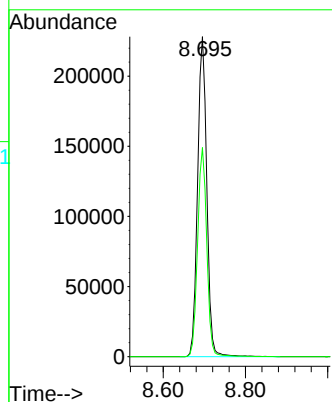
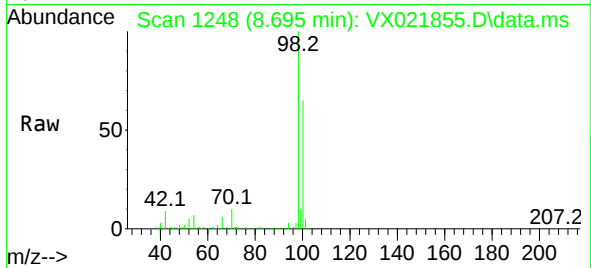




#50
Toluene-d8
Concen: 48.27 ug/l
RT: 8.695 min Scan# 1248
Delta R.T. 0.000 min
Lab File: VX021855.D
Acq: 23 Apr 2021 20:10

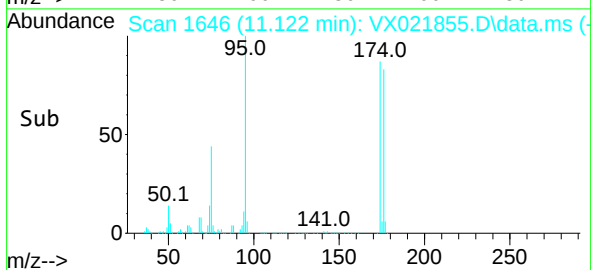
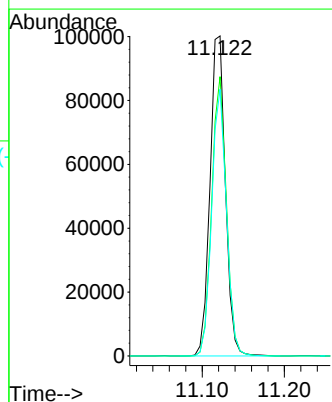
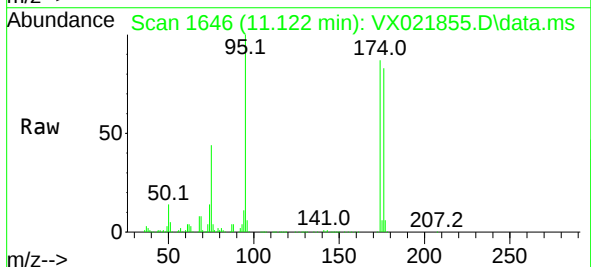
Instrument :
MSVOA_X
ClientSampled :

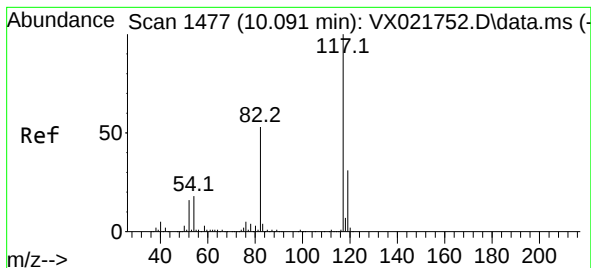
Tgt Ion: 98 Resp: 354249
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 47.54 ug/l
RT: 11.122 min Scan# 1646
Delta R.T. 0.006 min
Lab File: VX021855.D
Acq: 23 Apr 2021 20:10

Tgt Ion: 95 Resp: 130295
Ion Ratio Lower Upper
95 100
174 83.4 0.0 154.6
176 80.0 0.0 155.8

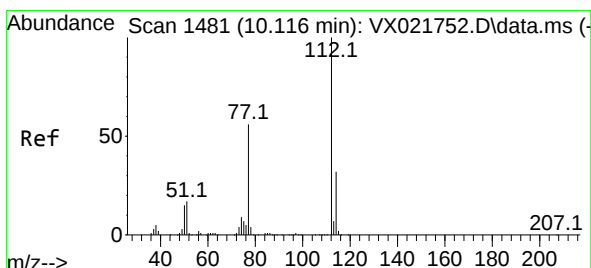
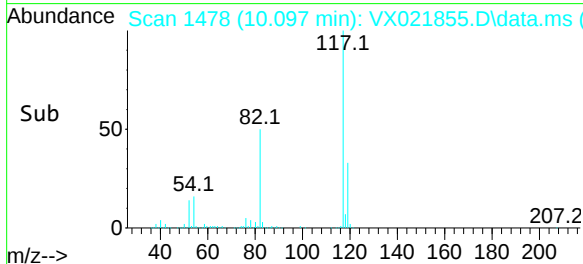
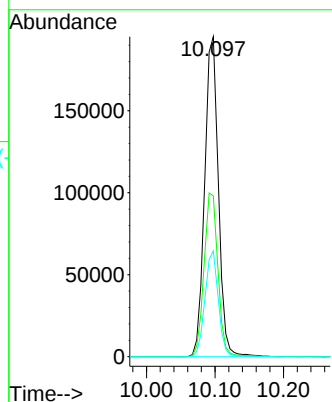
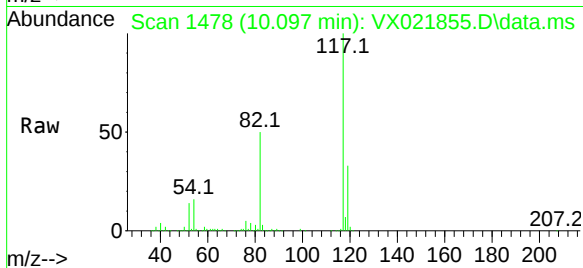




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.097 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VX021855.D
Acq: 23 Apr 2021 20:10

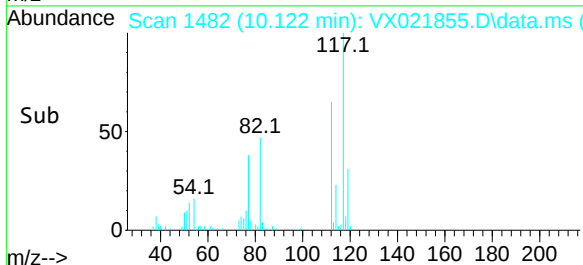
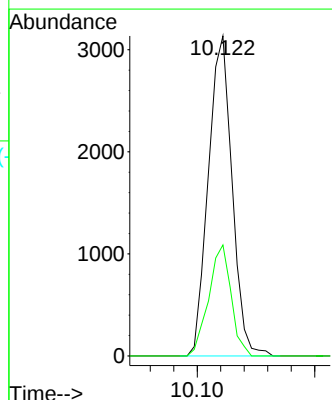
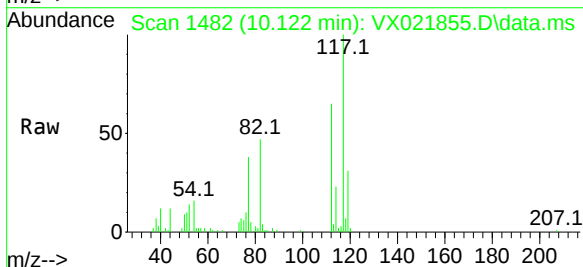
Instrument :
MSVOA_X
ClientSampled :

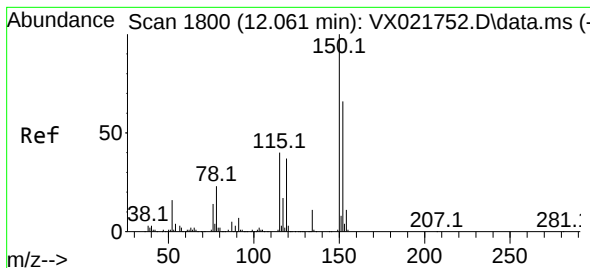
Tgt Ion:117 Resp: 272854
Ion Ratio Lower Upper
117 100
82 50.3 47.4 71.2
119 33.1 26.6 39.8



#65
Chlorobenzene
Concen: 0.78 ug/l
RT: 10.122 min Scan# 1482
Delta R.T. 0.006 min
Lab File: VX021855.D
Acq: 23 Apr 2021 20:10

Tgt Ion:112 Resp: 4402
Ion Ratio Lower Upper
112 100
114 34.7 25.8 38.6

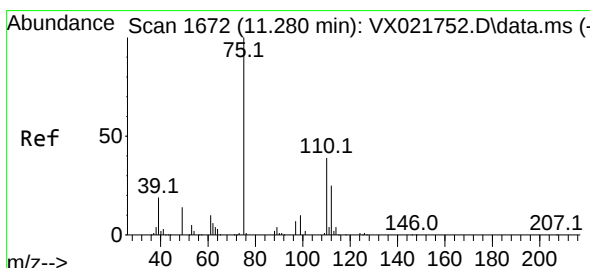
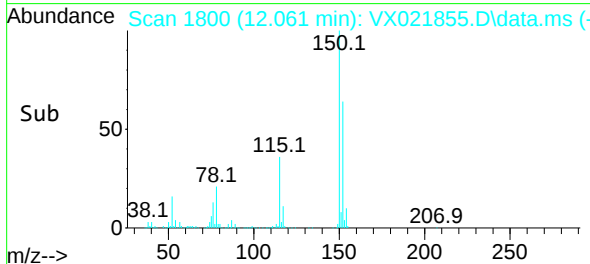
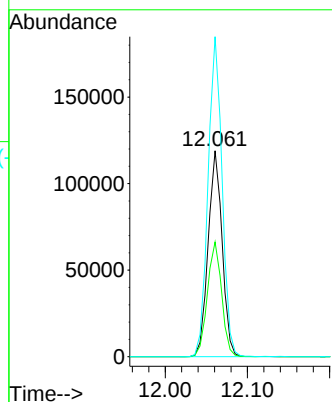
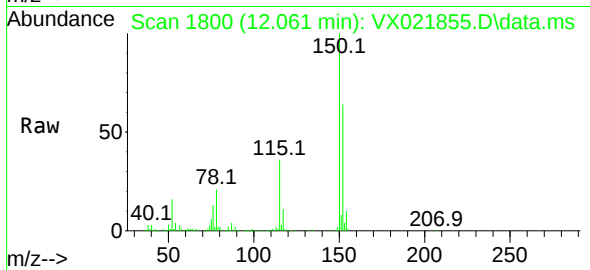




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.061 min Scan# 1800
 Delta R.T. -0.000 min
 Lab File: VX021855.D
 Acq: 23 Apr 2021 20:10

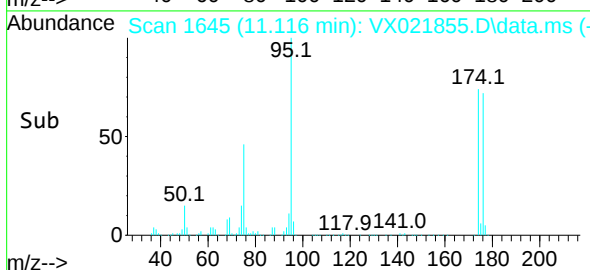
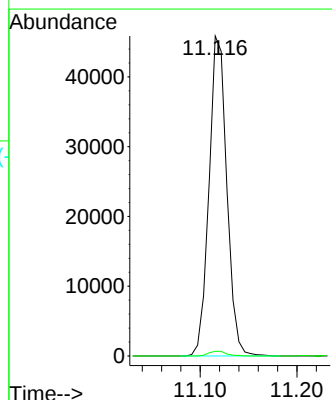
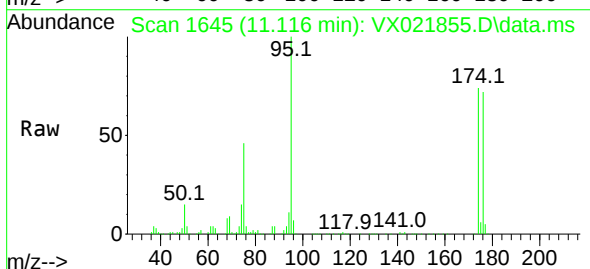
Instrument :
 MSVOA_X
 ClientSampleId :

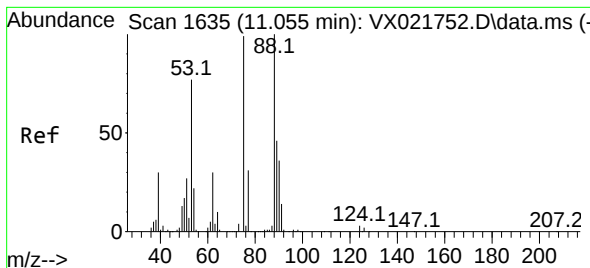
Tgt Ion:152 Resp: 140838
 Ion Ratio Lower Upper
 152 100
 115 56.5 41.1 123.3
 150 155.4 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 21.02 ug/l
 RT: 11.116 min Scan# 1645
 Delta R.T. -0.164 min
 Lab File: VX021855.D
 Acq: 23 Apr 2021 20:10

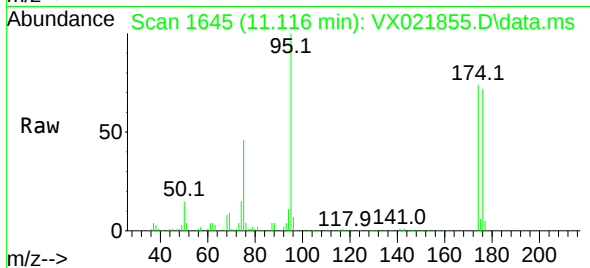
Tgt Ion: 75 Resp: 58704
 Ion Ratio Lower Upper
 75 100
 77 1.5 19.1 57.5#



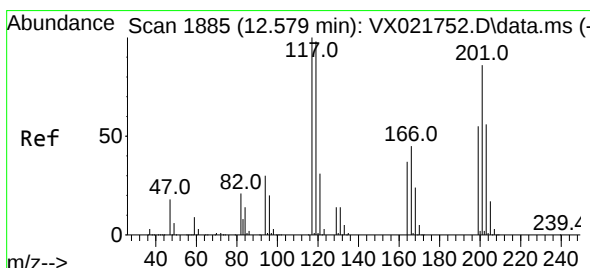
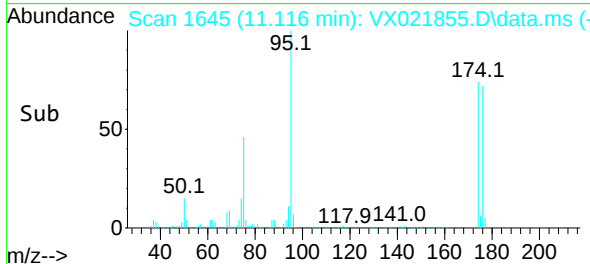
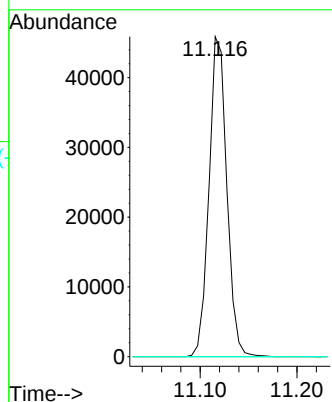


#81
trans-1,4-Dichloro-2-butene
Concen: 48.33 ug/l
RT: 11.116 min Scan# 1645
Delta R.T. 0.061 min
Lab File: VX021855.D
Acq: 23 Apr 2021 20:10

Instrument :
MSVOA_X
ClientSampleId :

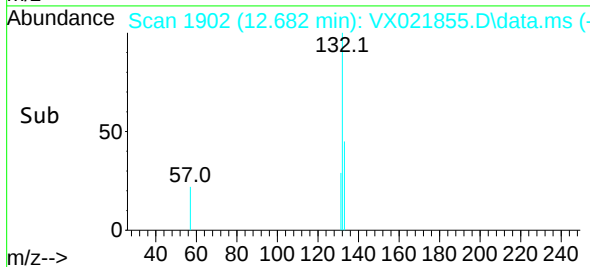
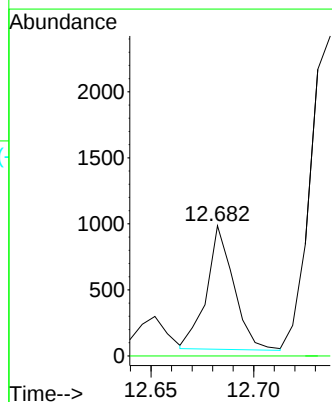
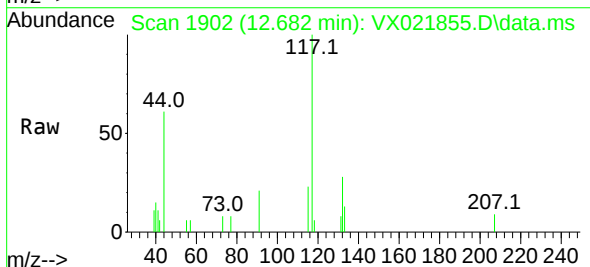


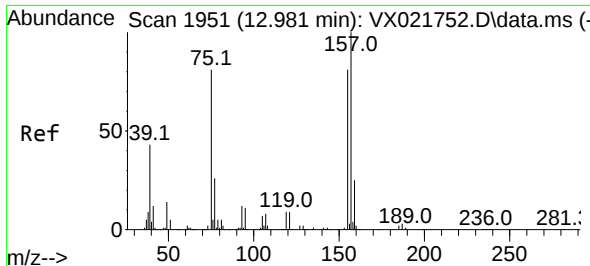
Tgt Ion: 75 Resp: 58704
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#90
Hexachloroethane
Concen: 0.52 ug/l
RT: 12.682 min Scan# 1902
Delta R.T. 0.103 min
Lab File: VX021855.D
Acq: 23 Apr 2021 20:10

Tgt Ion: 117 Resp: 861
Ion Ratio Lower Upper
117 100
201 0.0 40.4 121.2#

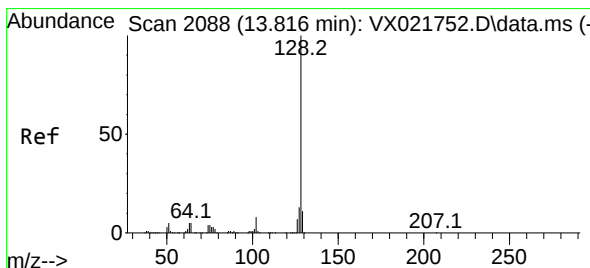
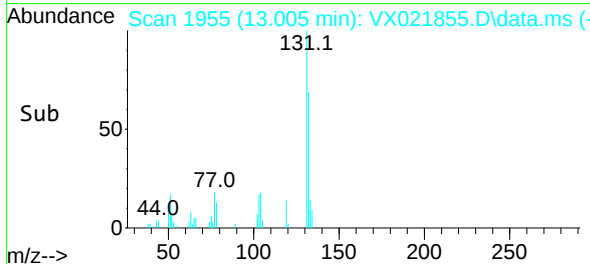
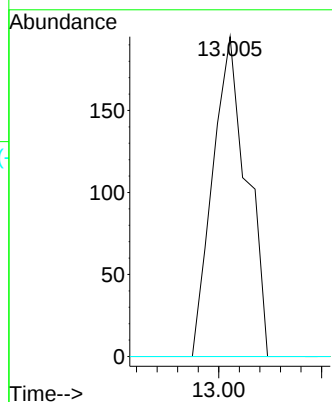
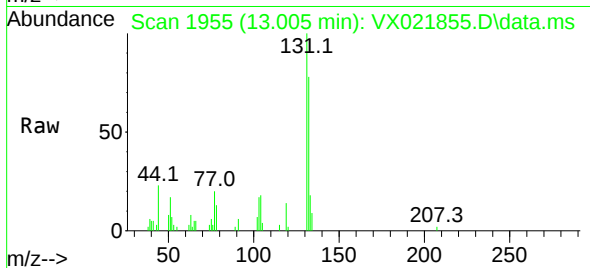




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.33 ug/l
RT: 13.005 min Scan# 1955
Delta R.T. 0.024 min
Lab File: VX021855.D
Acq: 23 Apr 2021 20:10

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 225
Ion Ratio Lower Upper
75 100
155 0.0 45.3 135.9#
157 0.0 57.7 173.1#



#95
Naphthalene
Concen: 8.29 ug/l
RT: 13.816 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VX021855.D
Acq: 23 Apr 2021 20:10

Tgt Ion: 128 Resp: 78698
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.6 8.8 13.2

