

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081021\
 Data File : VX023631.D
 Acq On : 10 Aug 2021 12:51
 Operator : JC/MD
 Sample : M3251-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 11 02:59:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

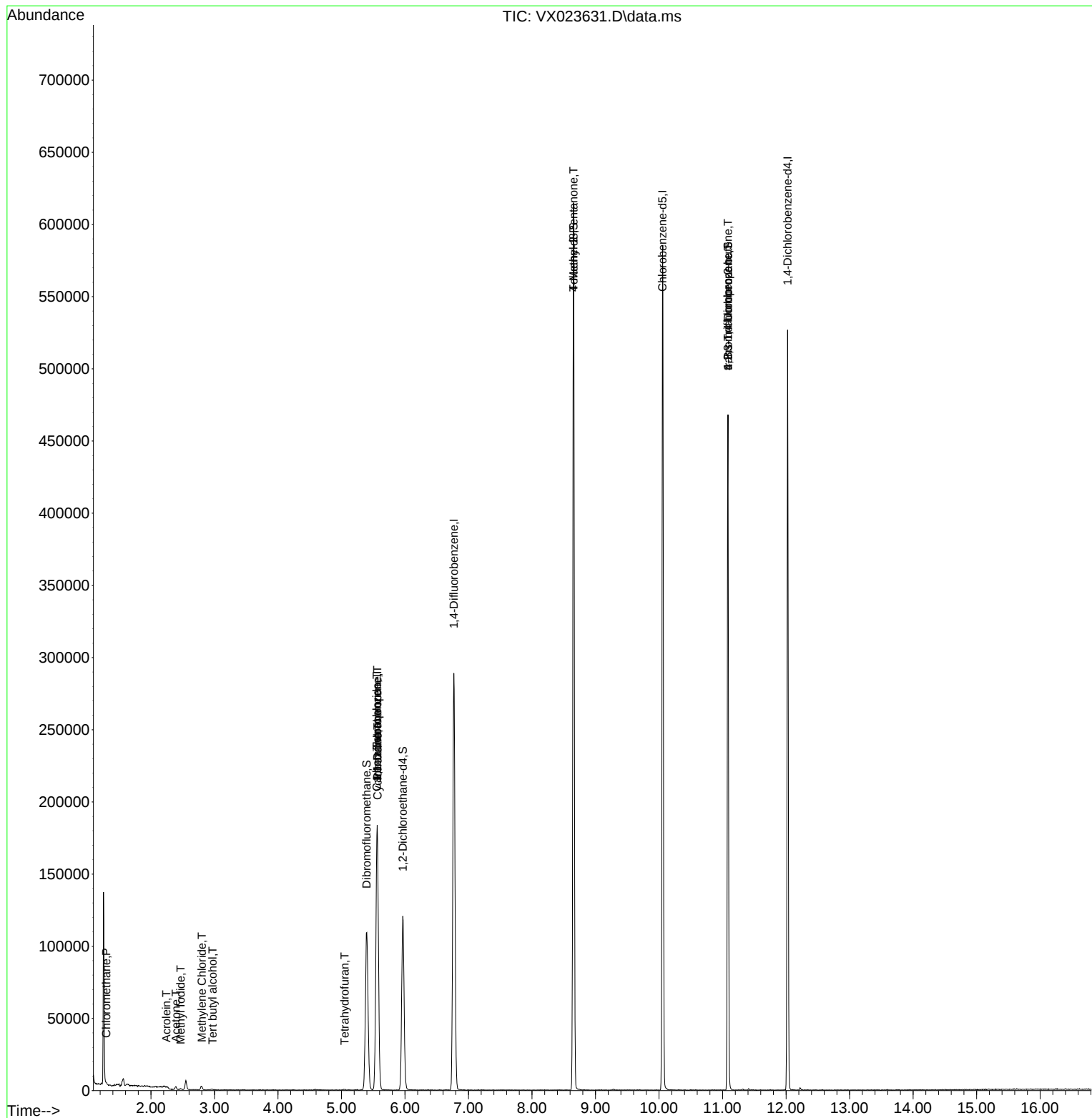
Internal Standards						
1) Pentafluorobenzene	5.562	168	173569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	293602	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	264350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104255	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	116321	53.725	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.440%	
35) Dibromofluoromethane	5.397	113	94591	51.528	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.060%	
50) Toluene-d8	8.653	98	353951	52.480	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.960%	
62) 4-Bromofluorobenzene	11.085	95	117685	51.314	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.620%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	674	0.362	ug/l #	77
10) Methyl Iodide	2.465	142	846	0.393	ug/l #	84
11) Tert butyl alcohol	2.971	59	606	1.225	ug/l #	73
13) Acrolein	2.239	56	39	1.518	ug/l #	1
16) Acetone	2.391	43	2314	2.179	ug/l #	86
20) Methylene Chloride	2.800	84	1214	0.588	ug/l #	87
29) Tetrahydrofuran	5.050	42	407	0.377	ug/l #	54
31) Cyclohexane	5.568	56	3767	1.174	ug/l #	23
36) 1,1-Dichloropropene	5.562	75	13480	5.075	ug/l #	46
38) Carbon Tetrachloride	5.556	117	17891	6.624	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	1704	0.537	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	63645	27.742	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	63645	74.594	ug/l #	12

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081021\
Data File : VX023631.D
Acq On : 10 Aug 2021 12:51
Operator : JC/MD
Sample : M3251-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Aug 11 02:59:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:05:38 2021
Response via : Initial Calibration

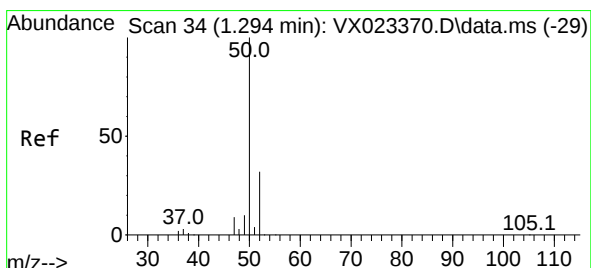
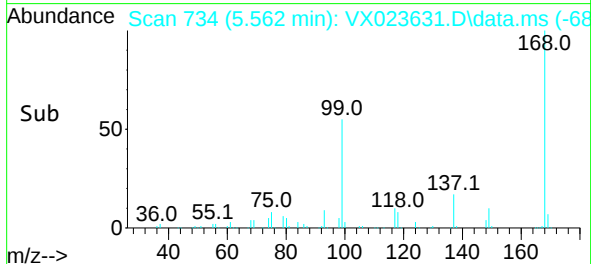
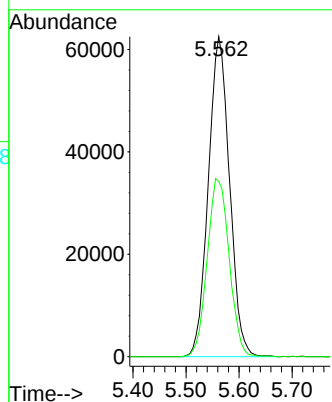
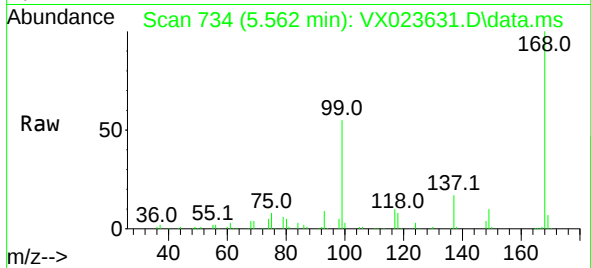




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023631.D
Acq: 10 Aug 2021 12:51

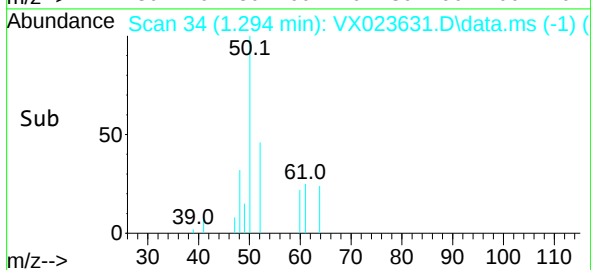
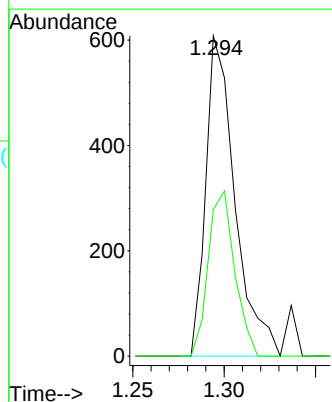
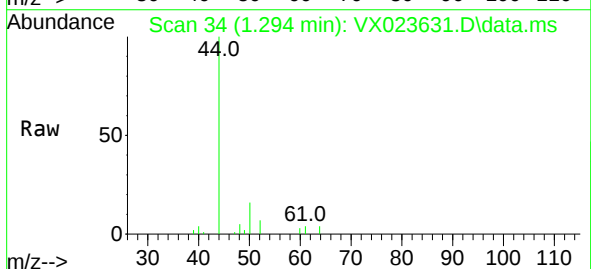
Instrument :
MSVOA_X
ClientSampleId :

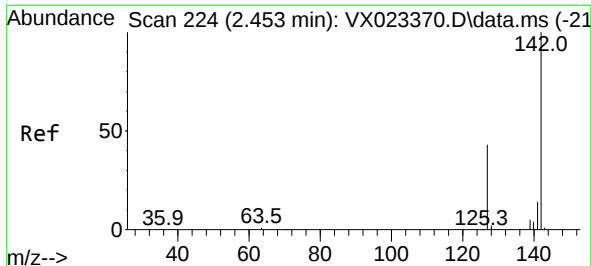
Tgt Ion:168 Resp: 173569
Ion Ratio Lower Upper
168 100
99 54.7 45.8 68.6



#3
Chloromethane
Concen: 0.362 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023631.D
Acq: 10 Aug 2021 12:51

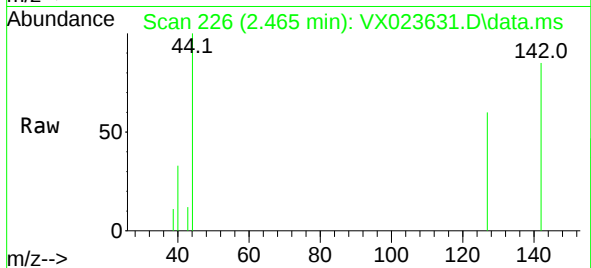
Tgt Ion: 50 Resp: 674
Ion Ratio Lower Upper
50 100
52 45.7 26.4 39.6#



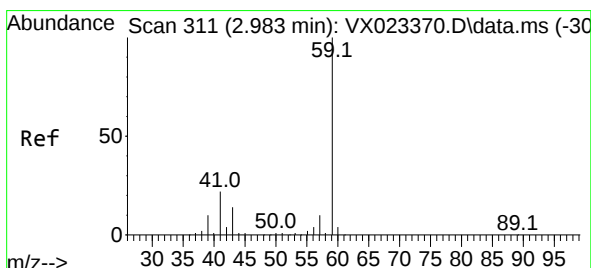
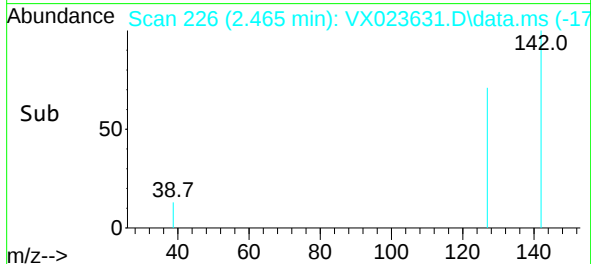
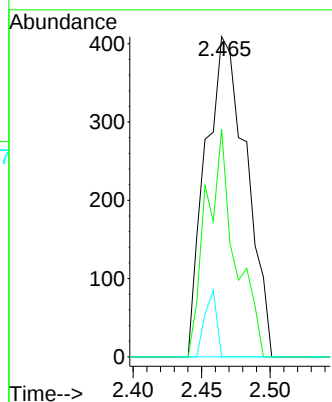


#10
Methyl Iodide
Concen: 0.393 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023631.D
Acq: 10 Aug 2021 12:51

Instrument :
MSVOA_X
ClientSampled :

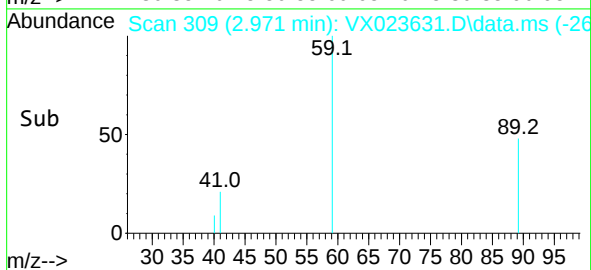
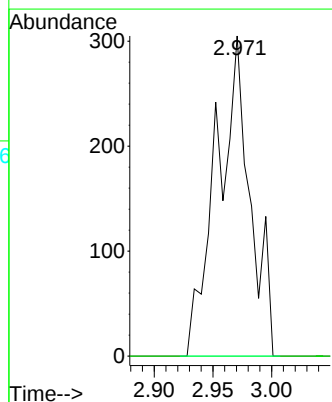
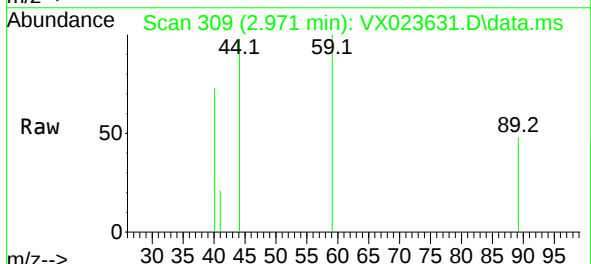


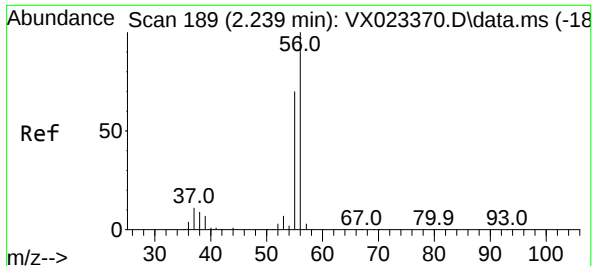
Tgt Ion:142 Resp: 846
Ion Ratio Lower Upper
142 100
127 50.7 33.3 49.9#
141 6.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.225 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX023631.D
Acq: 10 Aug 2021 12:51

Tgt Ion: 59 Resp: 606
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

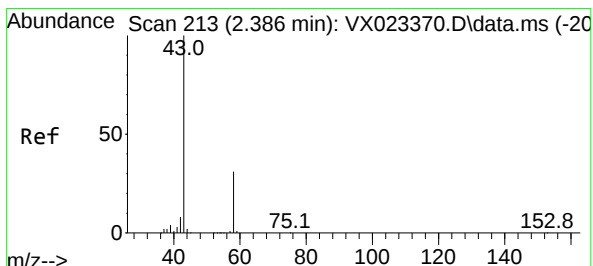
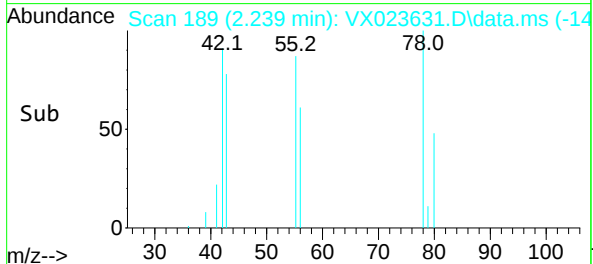
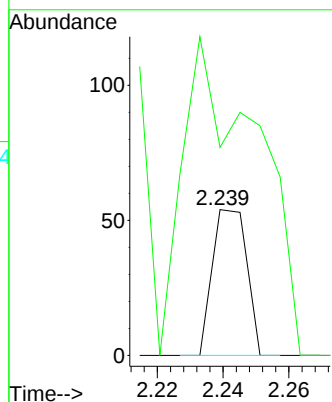
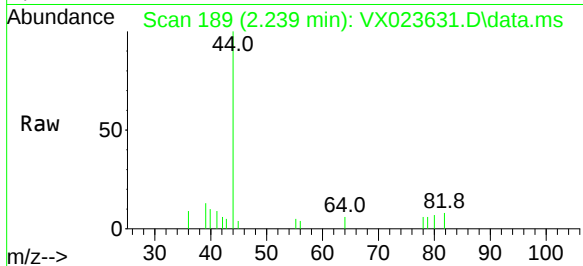




#13
Acrolein
Concen: 1.518 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX023631.D
Acq: 10 Aug 2021 12:51

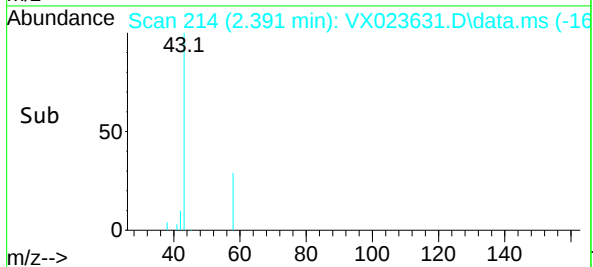
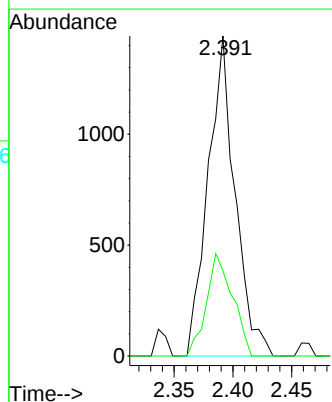
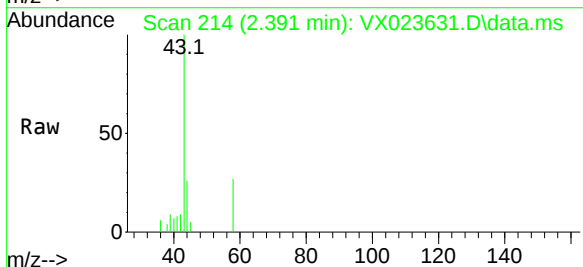
Instrument :
MSVOA_X
ClientSampleId :

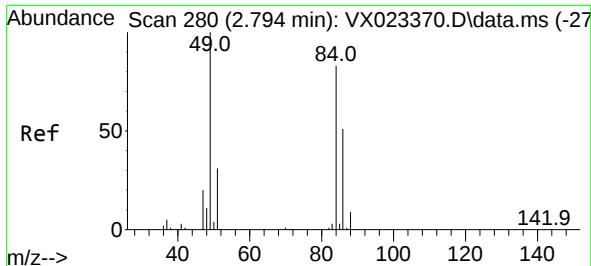
Tgt Ion: 56 Resp: 39
Ion Ratio Lower Upper
56 100
55 471.8 56.4 84.6#



#16
Acetone
Concen: 2.179 ug/l
RT: 2.391 min Scan# 214
Delta R.T. 0.005 min
Lab File: VX023631.D
Acq: 10 Aug 2021 12:51

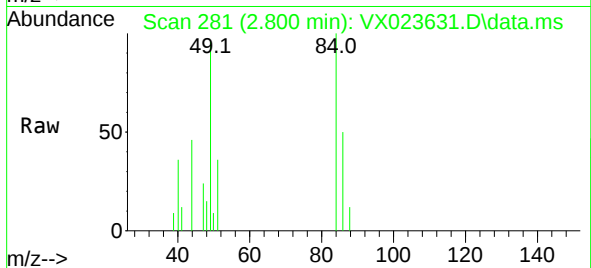
Tgt Ion: 43 Resp: 2314
Ion Ratio Lower Upper
43 100
58 26.7 27.8 41.8#



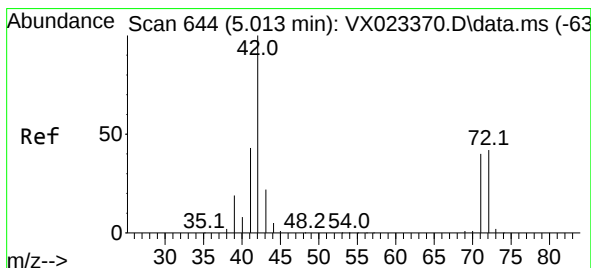
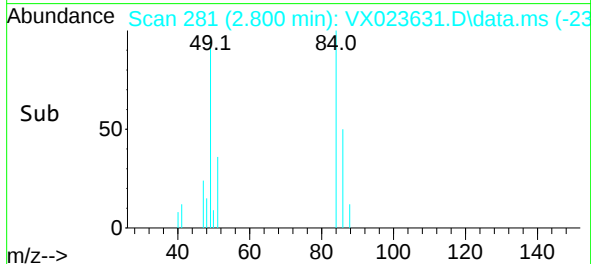
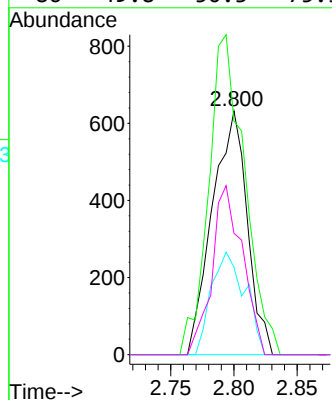


#20
Methylene Chloride
Concen: 0.588 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX023631.D
Acq: 10 Aug 2021 12:51

Instrument :
MSVOA_X
ClientSampleId :

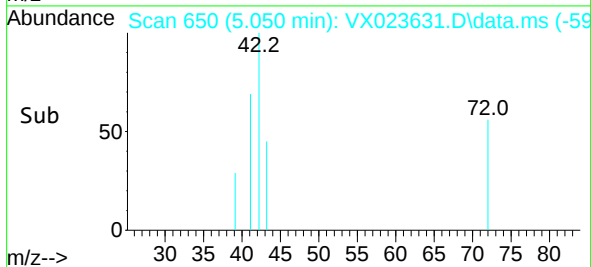
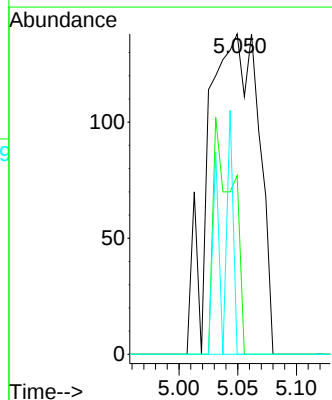
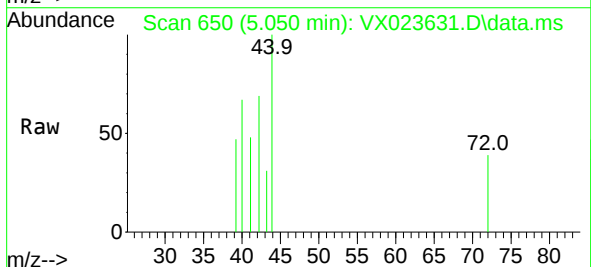


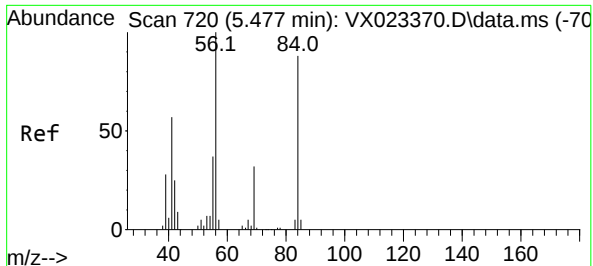
Tgt Ion:	84	Resp:	1214
Ion	Ratio	Lower	Upper
84	100		
49	95.9	88.6	132.8
51	35.9	27.0	40.6
86	49.8	50.3	75.5#



#29
Tetrahydrofuran
Concen: 0.377 ug/l
RT: 5.050 min Scan# 650
Delta R.T. 0.037 min
Lab File: VX023631.D
Acq: 10 Aug 2021 12:51

Tgt Ion:	42	Resp:	407
Ion	Ratio	Lower	Upper
42	100		
72	28.7	41.7	62.5#
71	7.9	38.4	57.6#

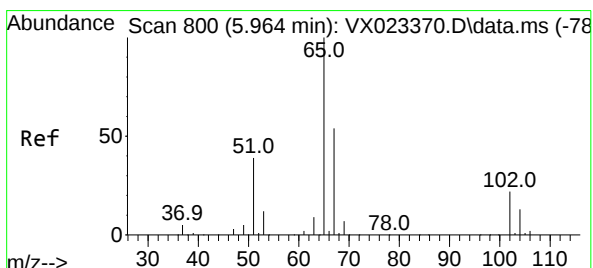
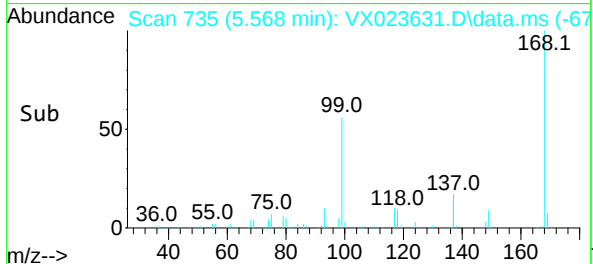
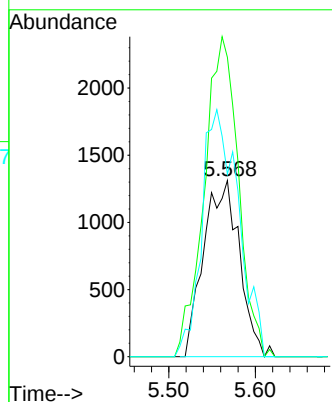
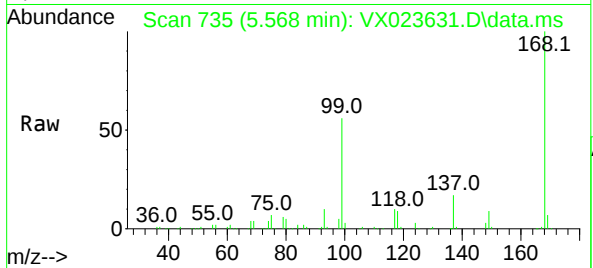




#31
Cyclohexane
Concen: 1.174 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX023631.D
Acq: 10 Aug 2021 12:51

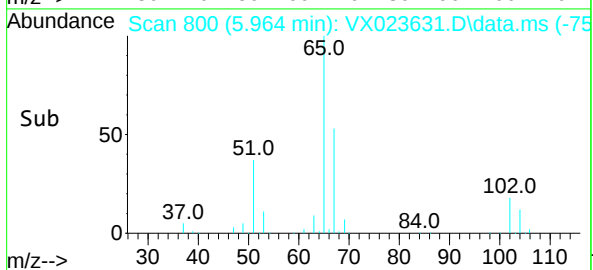
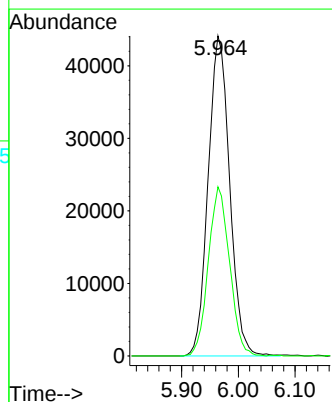
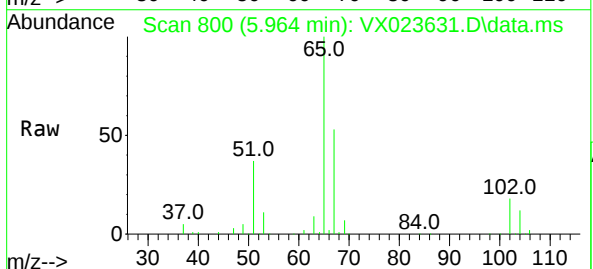
Instrument :
MSVOA_X
ClientSampleId :

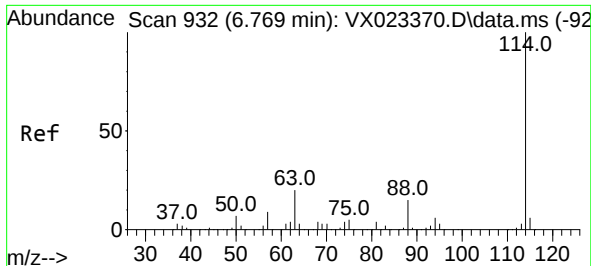
Tgt Ion: 56 Resp: 3767
Ion Ratio Lower Upper
56 100
69 170.0 25.3 37.9#
84 103.6 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 53.725 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX023631.D
Acq: 10 Aug 2021 12:51

Tgt Ion: 65 Resp: 116321
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.4

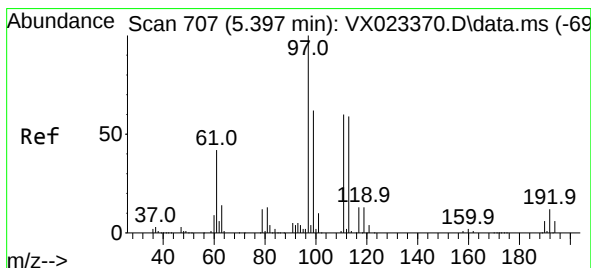
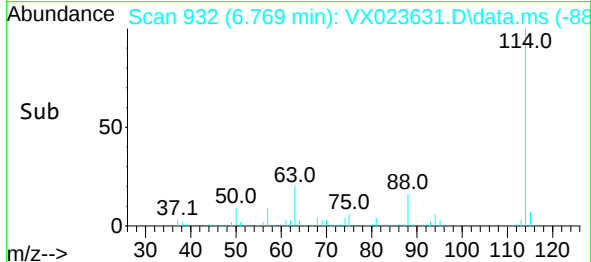
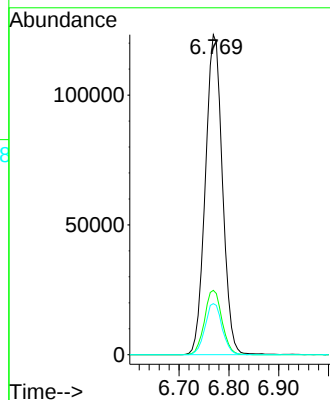
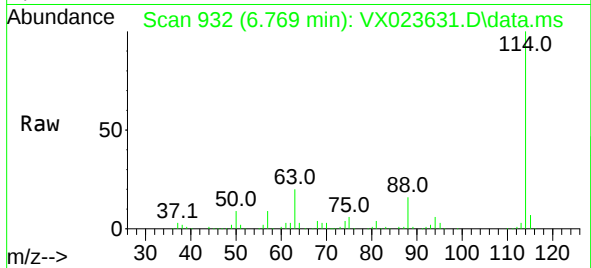




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023631.D
Acq: 10 Aug 2021 12:51

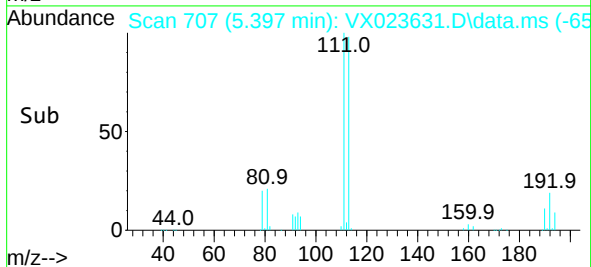
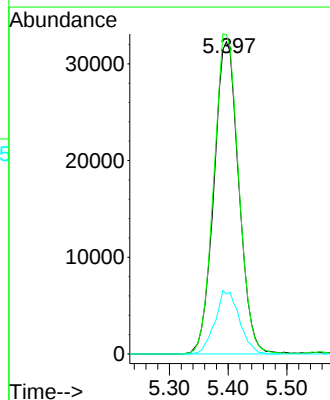
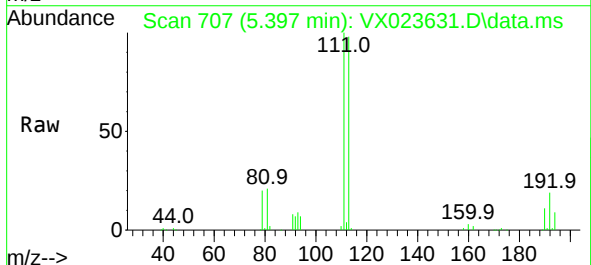
Instrument :
MSVOA_X
ClientSampleId :

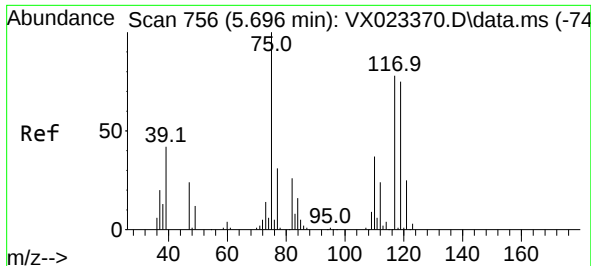
Tgt Ion:114 Resp: 293602
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 51.528 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023631.D
Acq: 10 Aug 2021 12:51

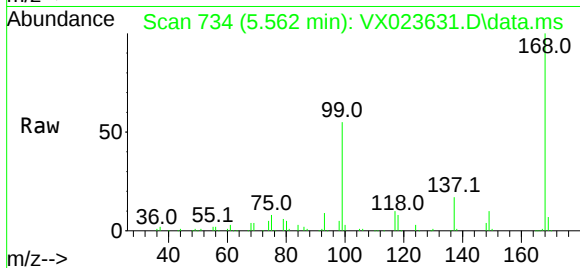
Tgt Ion:113 Resp: 94591
Ion Ratio Lower Upper
113 100
111 102.8 81.9 122.9
192 19.9 16.7 25.1



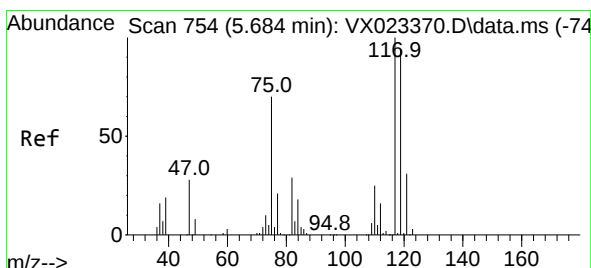
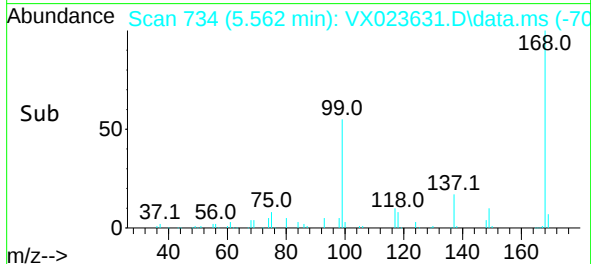
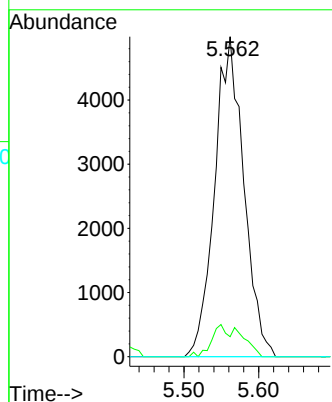


#36
1,1-Dichloropropene
Concen: 5.075 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX023631.D
Acq: 10 Aug 2021 12:51

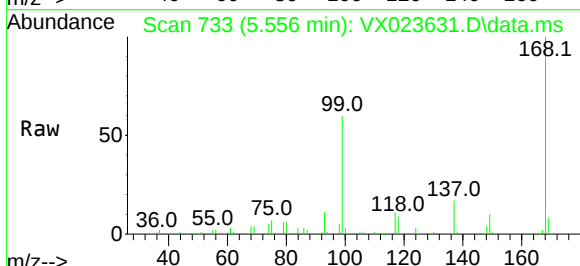
Instrument :
MSVOA_X
ClientSampled :



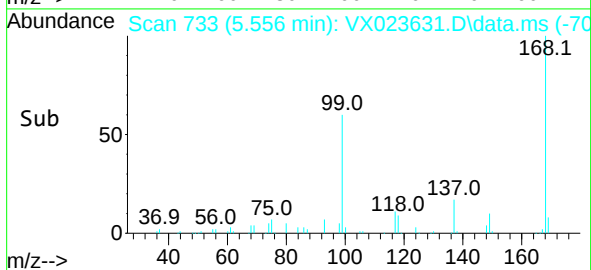
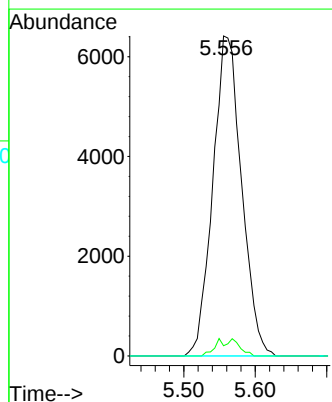
Tgt Ion: 75 Resp: 13480
Ion Ratio Lower Upper
75 100
110 5.8 18.1 54.4#
77 0.0 25.3 37.9#

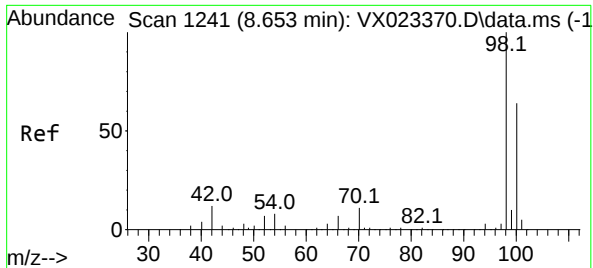


#38
Carbon Tetrachloride
Concen: 6.624 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX023631.D
Acq: 10 Aug 2021 12:51



Tgt Ion: 117 Resp: 17891
Ion Ratio Lower Upper
117 100
119 3.2 76.2 114.2#
121 0.0 24.8 37.2#

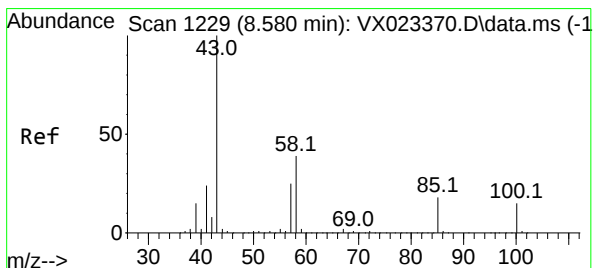
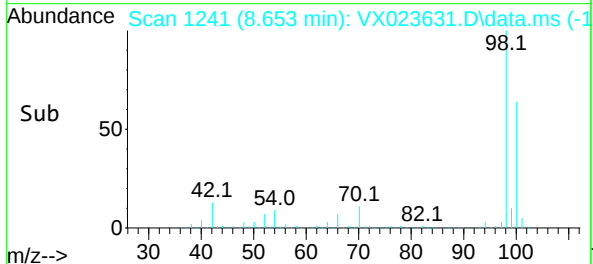
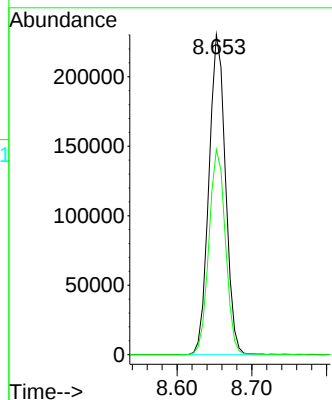
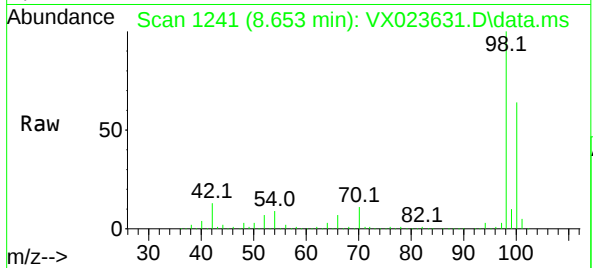




#50
Toluene-d8
Concen: 52.480 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023631.D
Acq: 10 Aug 2021 12:51

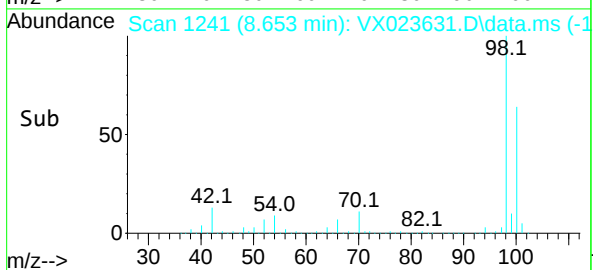
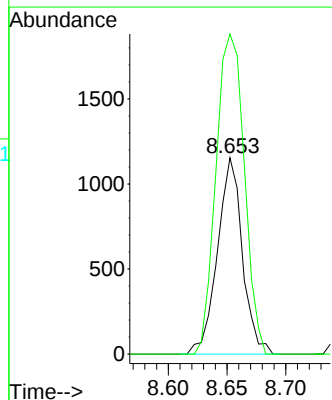
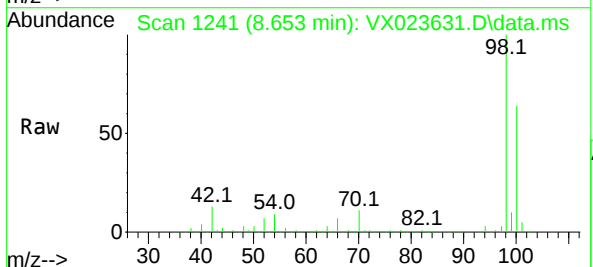
Instrument :
MSVOA_X
ClientSampled :

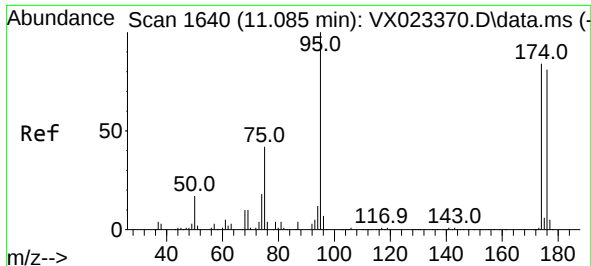
Tgt Ion: 98 Resp: 353951
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.537 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023631.D
Acq: 10 Aug 2021 12:51

Tgt Ion: 43 Resp: 1704
Ion Ratio Lower Upper
43 100
58 185.2 35.4 53.0#

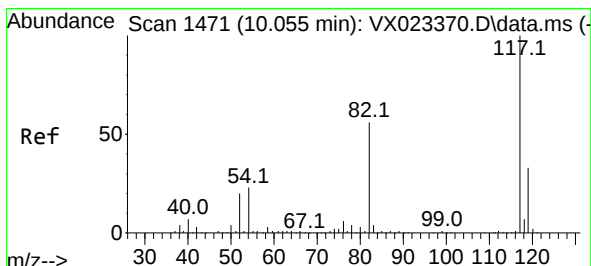
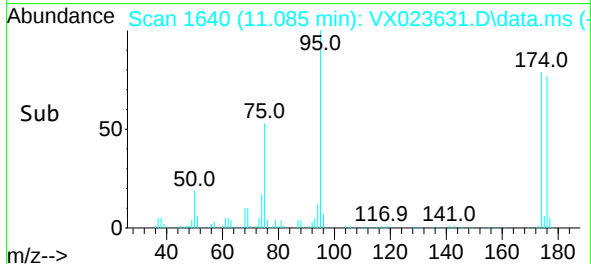
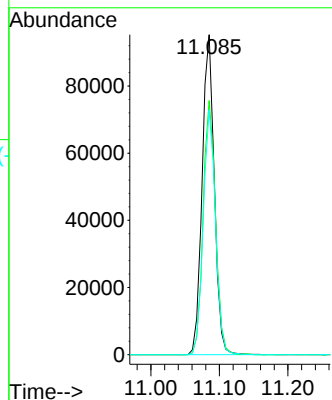
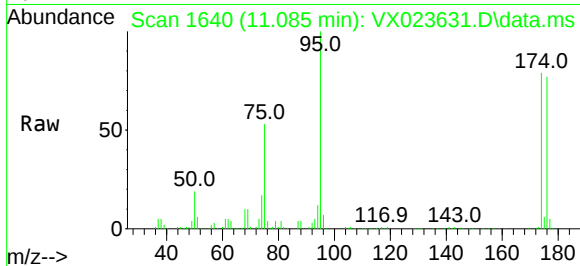




#62
4-Bromofluorobenzene
Concen: 51.314 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023631.D
Acq: 10 Aug 2021 12:51

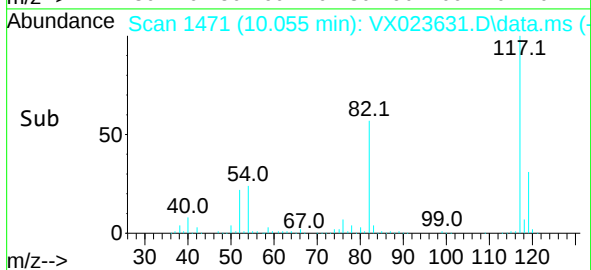
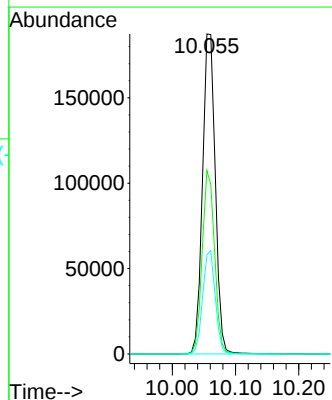
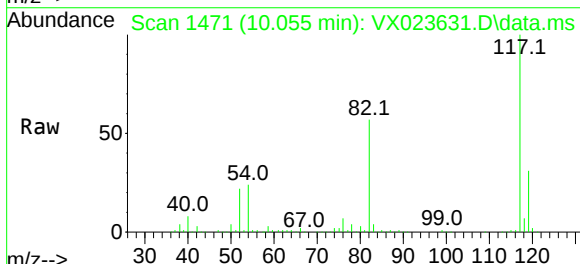
Instrument :
MSVOA_X
ClientSampleId :

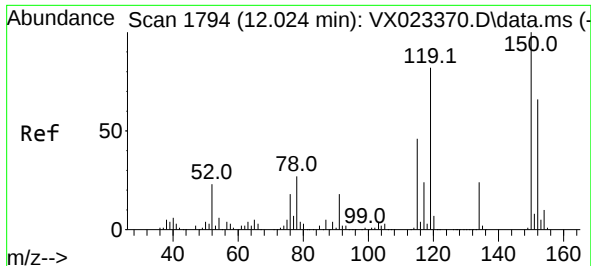
Tgt Ion: 95 Resp: 117685
Ion Ratio Lower Upper
95 100
174 81.1 0.0 154.6
176 76.9 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX023631.D
Acq: 10 Aug 2021 12:51

Tgt Ion: 117 Resp: 264350
Ion Ratio Lower Upper
117 100
82 57.3 47.4 71.2
119 30.9 26.6 39.8

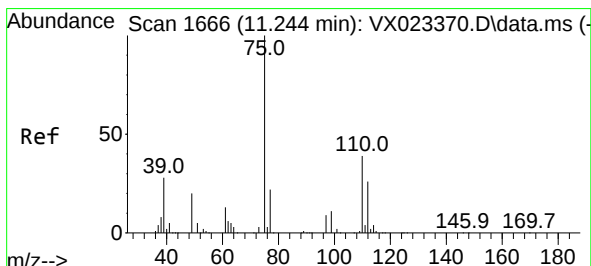
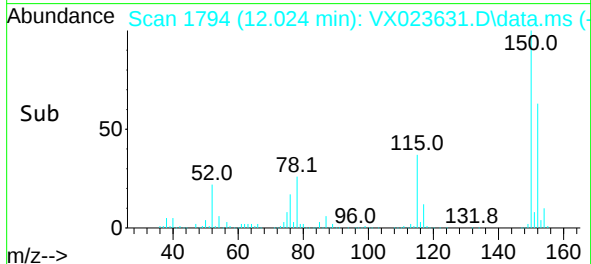
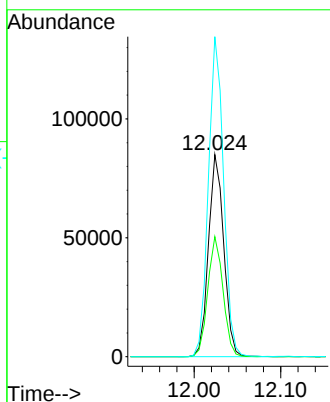
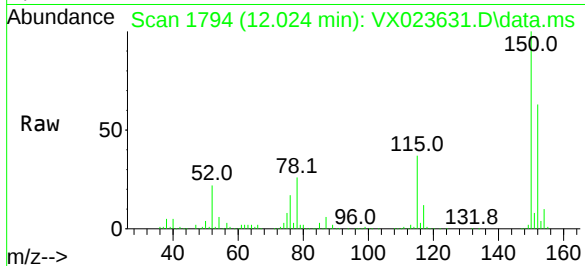




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX023631.D
 Acq: 10 Aug 2021 12:51

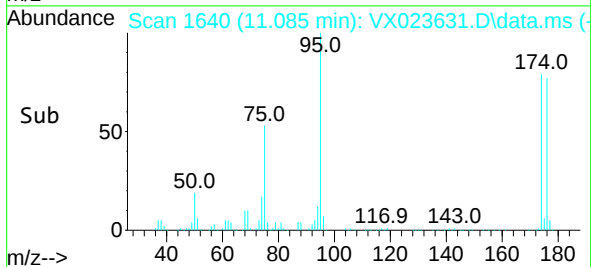
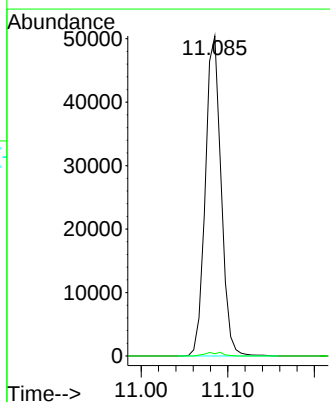
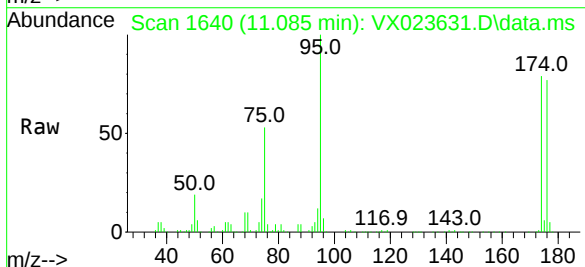
Instrument :
 MSVOA_X
 ClientSampled :

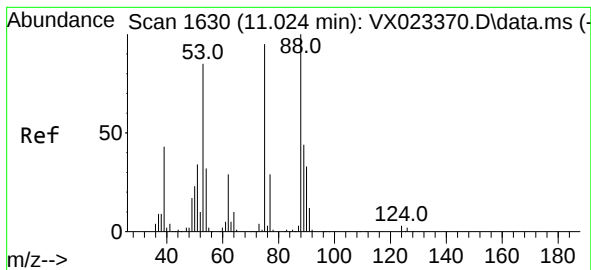
Tgt Ion:152 Resp: 104255
 Ion Ratio Lower Upper
 152 100
 115 59.2 41.1 123.3
 150 157.2 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 27.742 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023631.D
 Acq: 10 Aug 2021 12:51

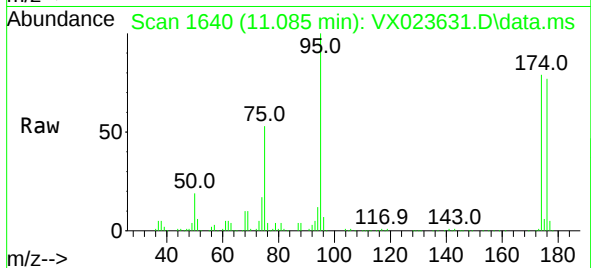
Tgt Ion: 75 Resp: 63645
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.594 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX023631.D
 Acq: 10 Aug 2021 12:51

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	75	Resp:	63645
Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.5	111.7#
89	0.0	37.9	56.9#

