

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072321\
 Data File : VX023428.D
 Acq On : 23 Jul 2021 16:59
 Operator : JC/MD
 Sample : M3146-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 24 03:45:45 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)

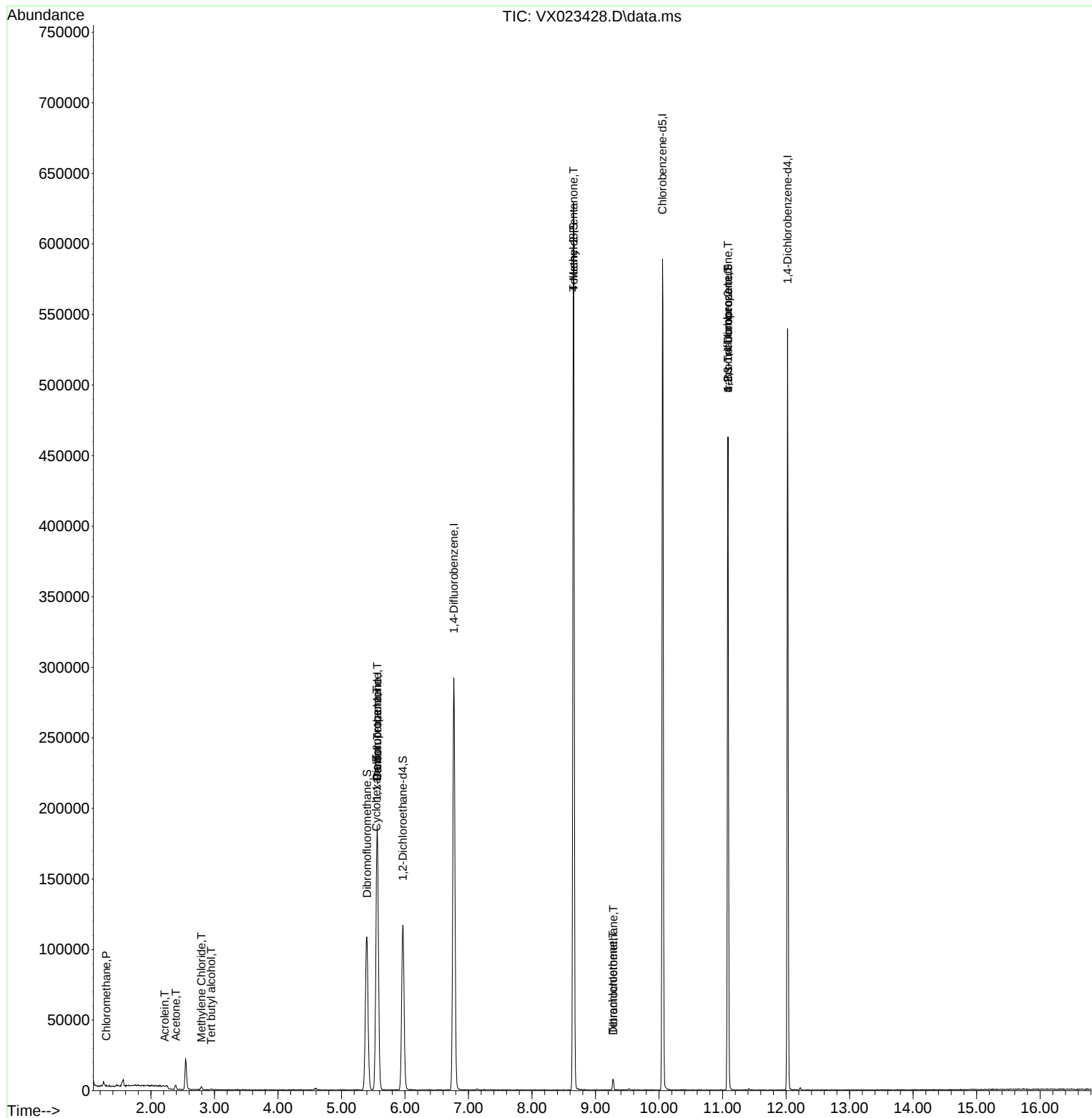
Internal Standards						
1) Pentafluorobenzene	5.562	168	178932	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	298265	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	271075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104765	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	114663	51.372	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 102.740%	
35) Dibromofluoromethane	5.403	113	94917	50.897	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.800%	
50) Toluene-d8	8.653	98	361587	52.774	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.540%	
62) 4-Bromofluorobenzene	11.085	95	116377	49.951	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.900%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	494	0.258	ug/l	91
11) Tert butyl alcohol	2.947	59	483	0.947	ug/l #	73
13) Acrolein	2.215	56	60	1.594	ug/l #	74
16) Acetone	2.392	43	3459	3.159	ug/l	92
20) Methylene Chloride	2.794	84	857	0.402	ug/l	91
31) Cyclohexane	5.550	56	3967	1.200	ug/l #	38
36) 1,1-Dichloropropene	5.556	75	13296	4.928	ug/l #	50
38) Carbon Tetrachloride	5.562	117	17376	6.333	ug/l #	17
51) 4-Methyl-2-Pentanone	8.653	43	1573	0.488	ug/l #	1
60) Dibromochloromethane	9.281	129	1569	2.660	ug/l #	11
64) Tetrachloroethene	9.275	164	1410	0.654	ug/l	96
76) 1,2,3-Trichloropropane	11.085	75	57897	25.113	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	57897	67.527	ug/l #	12

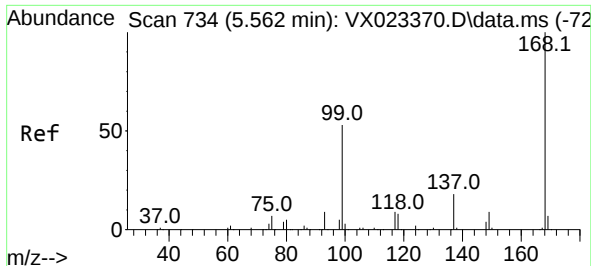
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072321\
Data File : VX023428.D
Acq On : 23 Jul 2021 16:59
Operator : JC/MD
Sample : M3146-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jul 24 03:45:45 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

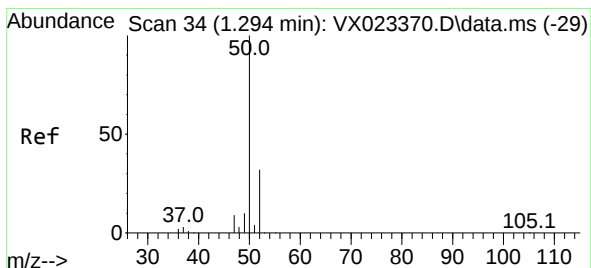
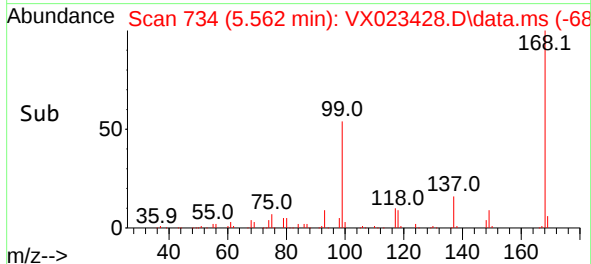
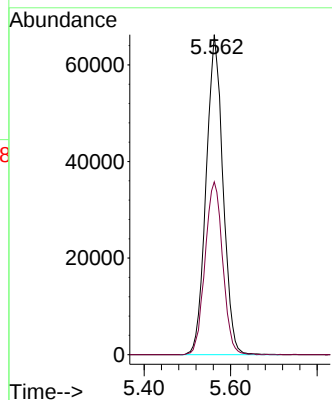
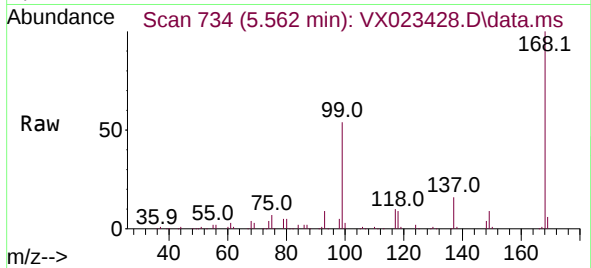




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023428.D
Acq: 23 Jul 2021 16:59

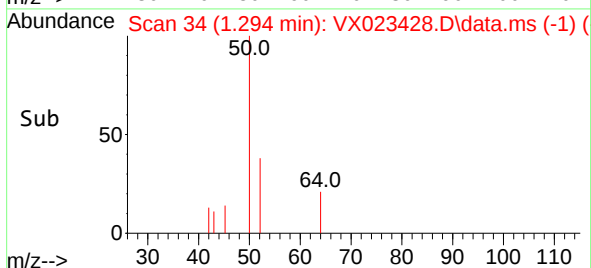
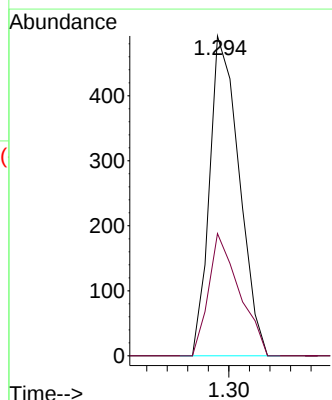
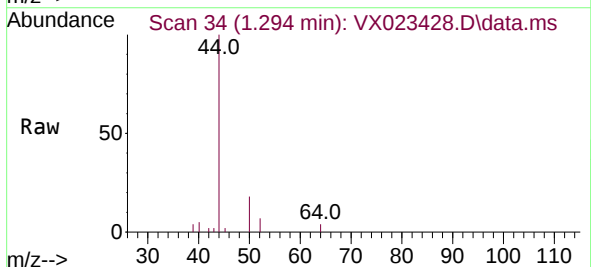
Instrument :
MSVOA_X
ClientSampleId :

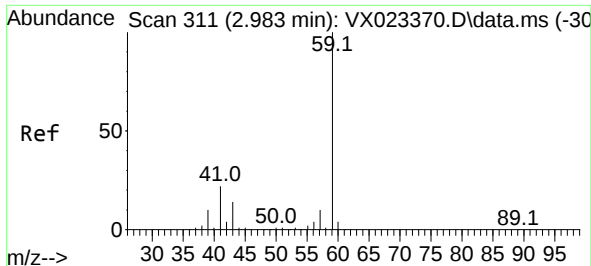
Tgt Ion:168 Resp: 178932
Ion Ratio Lower Upper
168 100
99 54.0 45.8 68.6



#3
Chloromethane
Concen: 0.258 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023428.D
Acq: 23 Jul 2021 16:59

Tgt Ion: 50 Resp: 494
Ion Ratio Lower Upper
50 100
52 38.2 26.4 39.6



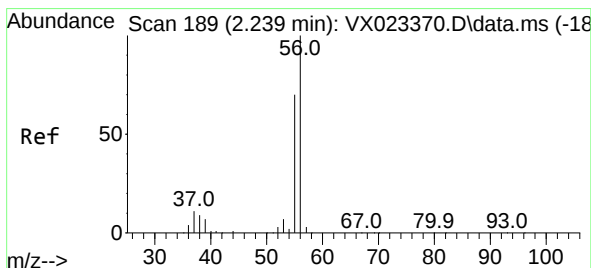
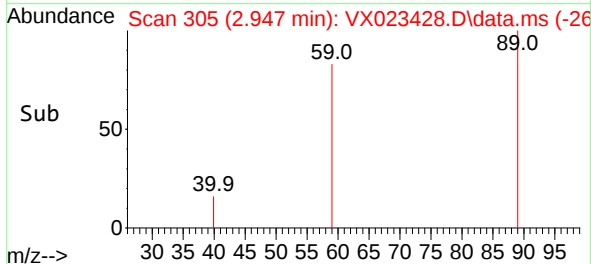
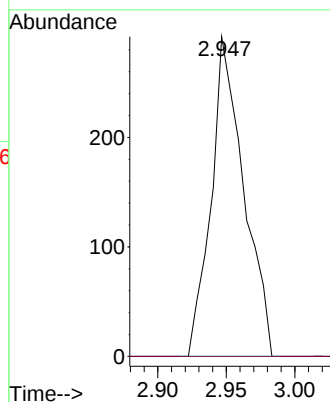
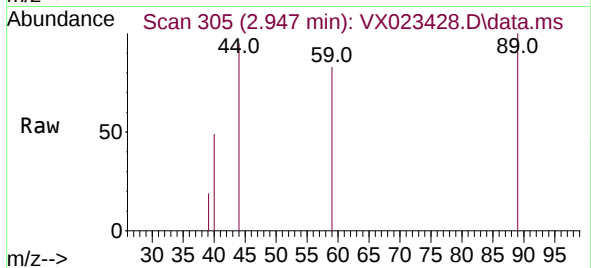


#11

Tert butyl alcohol
Concen: 0.947 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX023428.D
Acq: 23 Jul 2021 16:59

Instrument :
MSVOA_X
ClientSampled :

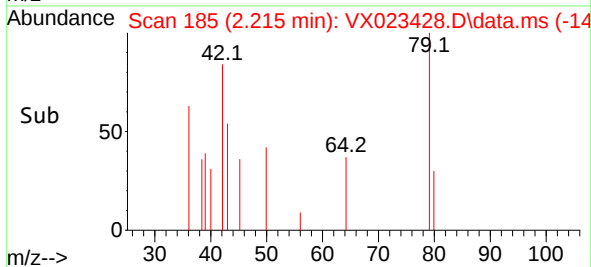
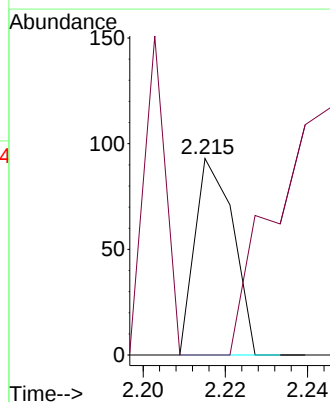
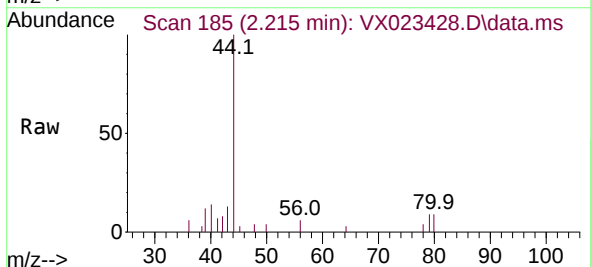
Tgt Ion: 59 Resp: 483
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

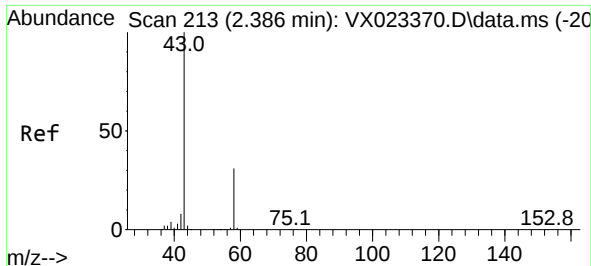


#13

Acrolein
Concen: 1.594 ug/l
RT: 2.215 min Scan# 185
Delta R.T. -0.024 min
Lab File: VX023428.D
Acq: 23 Jul 2021 16:59

Tgt Ion: 56 Resp: 60
Ion Ratio Lower Upper
56 100
55 91.7 56.4 84.6#

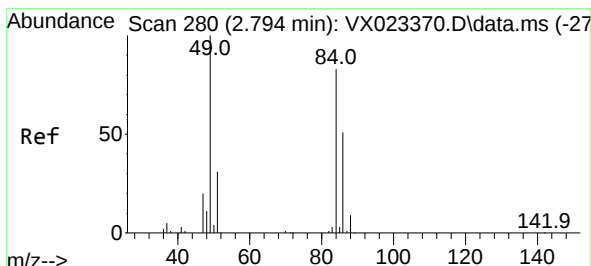
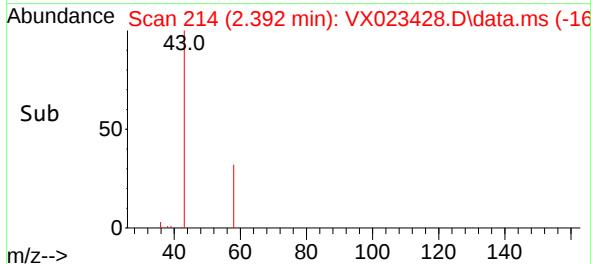
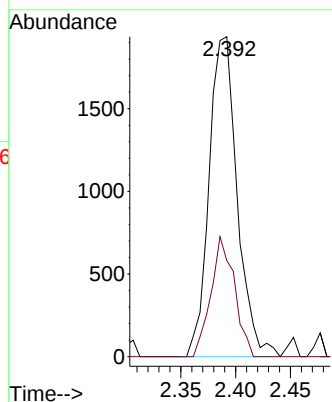
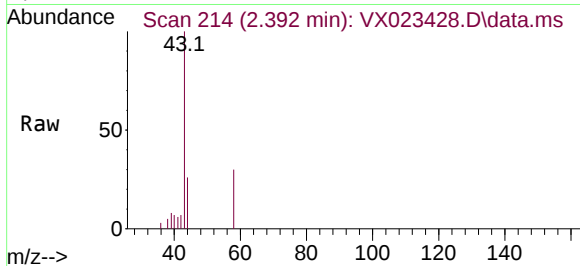




#16
Acetone
Concen: 3.159 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX023428.D
Acq: 23 Jul 2021 16:59

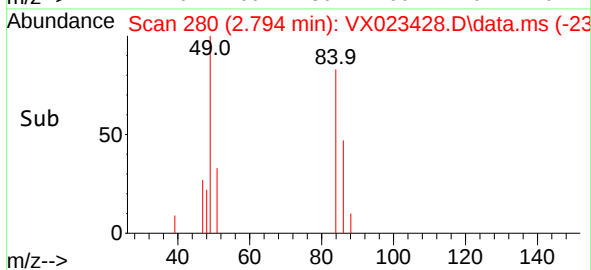
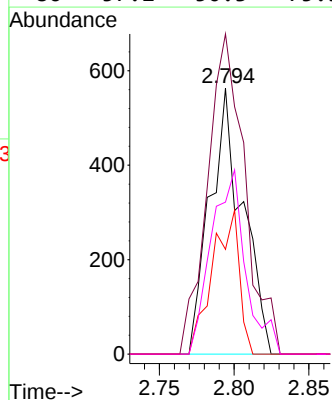
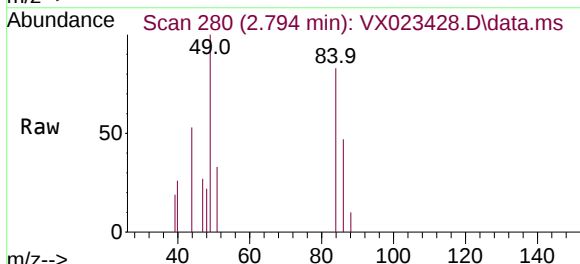
Instrument :
MSVOA_X
ClientSampled :

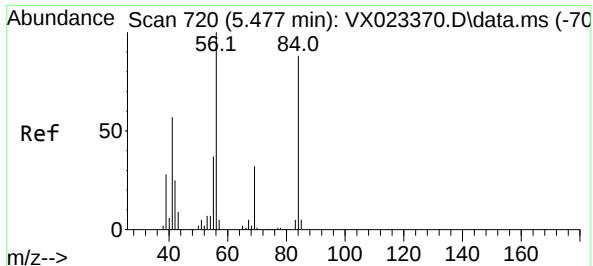
Tgt Ion: 43 Resp: 3459
Ion Ratio Lower Upper
43 100
58 30.1 27.8 41.8



#20
Methylene Chloride
Concen: 0.402 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023428.D
Acq: 23 Jul 2021 16:59

Tgt Ion: 84 Resp: 857
Ion Ratio Lower Upper
84 100
49 120.4 88.6 132.8
51 39.4 27.0 40.6
86 57.2 50.3 75.5

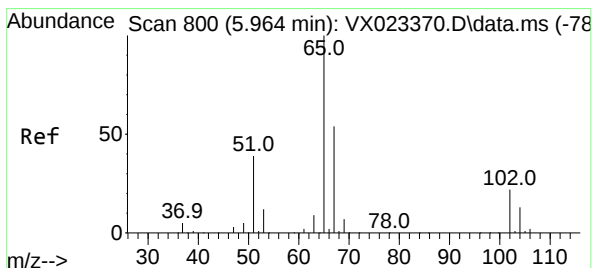
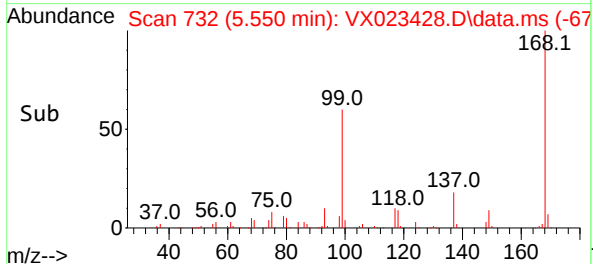
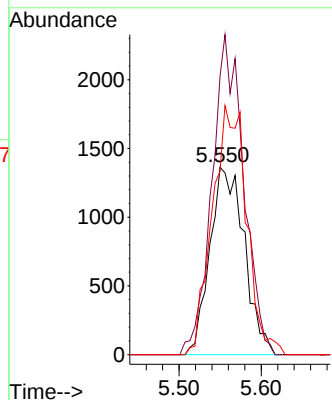
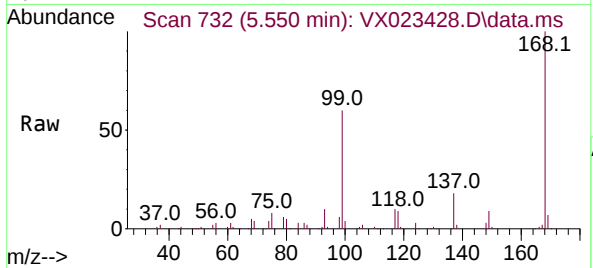




#31
Cyclohexane
Concen: 1.200 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX023428.D
Acq: 23 Jul 2021 16:59

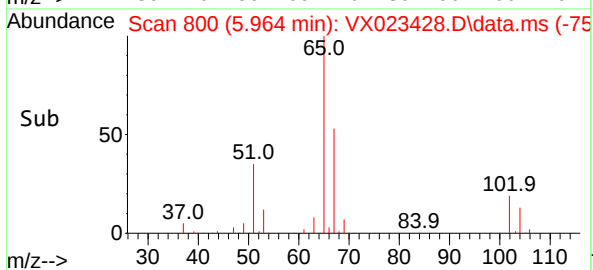
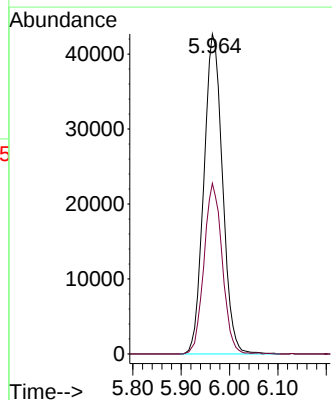
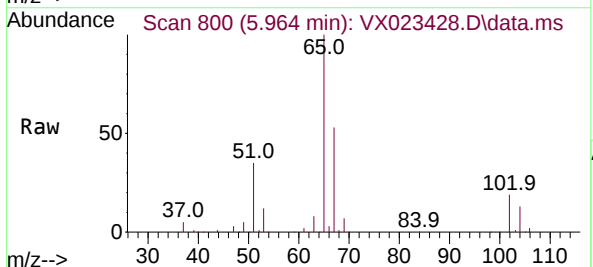
Instrument :
MSVOA_X
ClientSampleId :

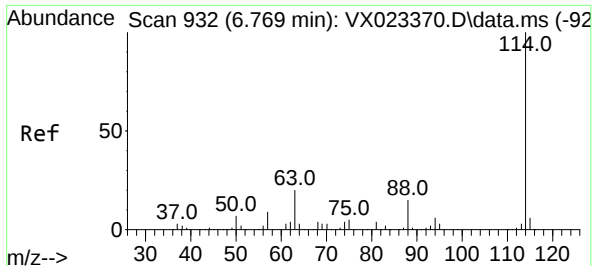
Tgt Ion: 56 Resp: 3967
Ion Ratio Lower Upper
56 100
69 148.5 25.3 37.9#
84 97.8 71.4 107.0



#33
1,2-Dichloroethane-d4
Concen: 51.372 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023428.D
Acq: 23 Jul 2021 16:59

Tgt Ion: 65 Resp: 114663
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.4

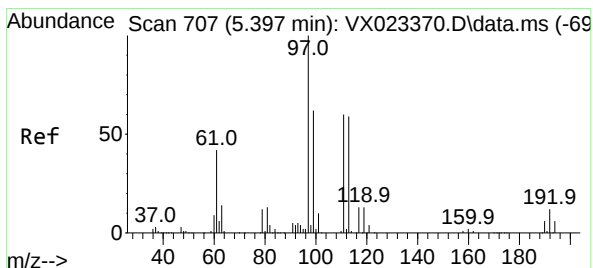
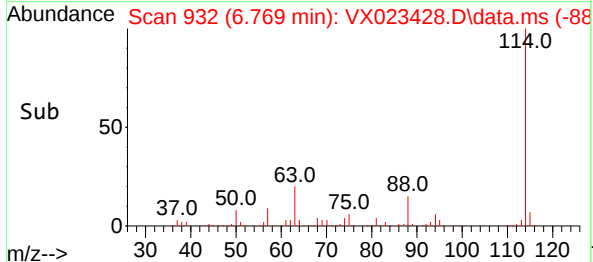
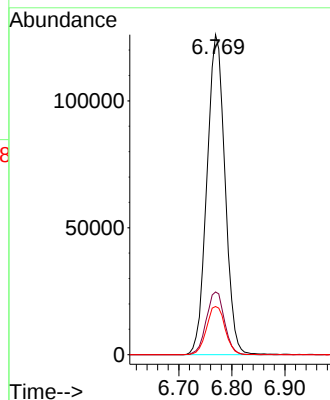
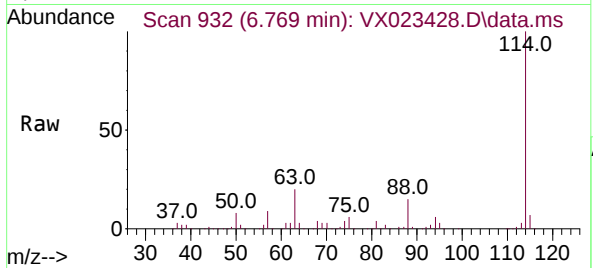




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023428.D
Acq: 23 Jul 2021 16:59

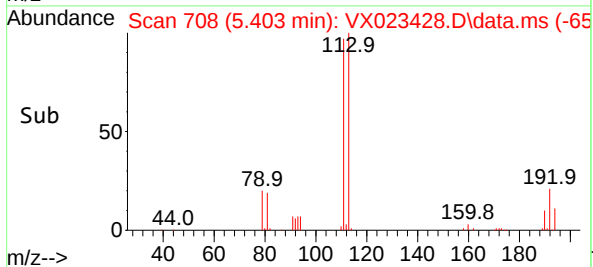
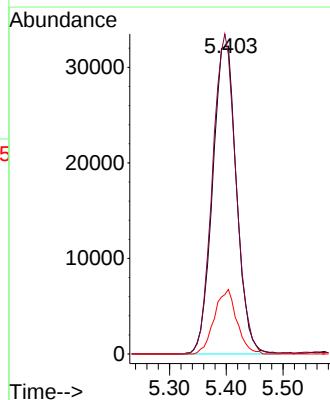
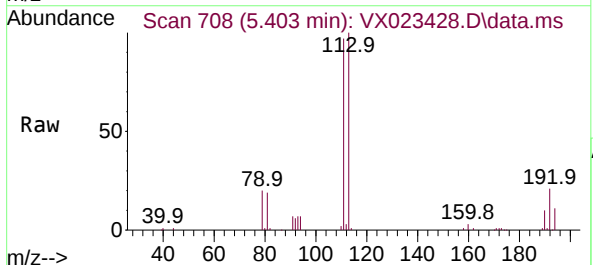
Instrument :
MSVOA_X
ClientSampleId :

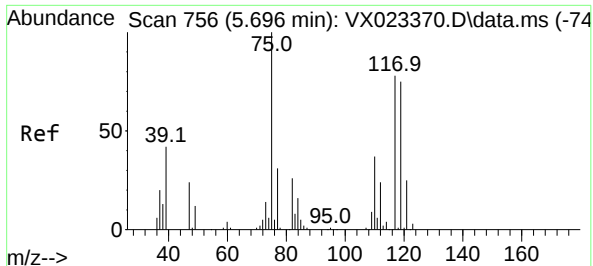
Tgt Ion:114 Resp: 298265
Ion Ratio Lower Upper
114 100
63 19.6 0.0 40.8
88 15.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.897 ug/l
RT: 5.403 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX023428.D
Acq: 23 Jul 2021 16:59

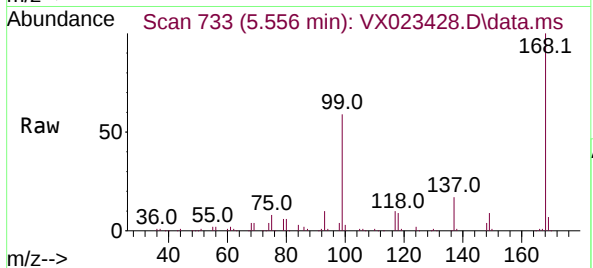
Tgt Ion:113 Resp: 94917
Ion Ratio Lower Upper
113 100
111 101.8 81.9 122.9
192 19.6 16.7 25.1



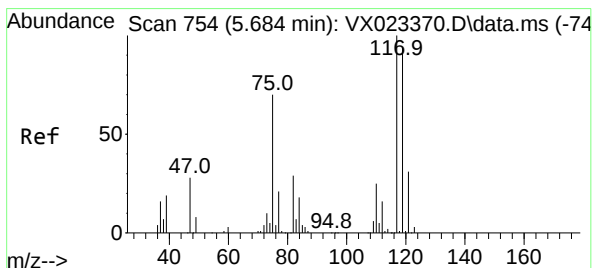
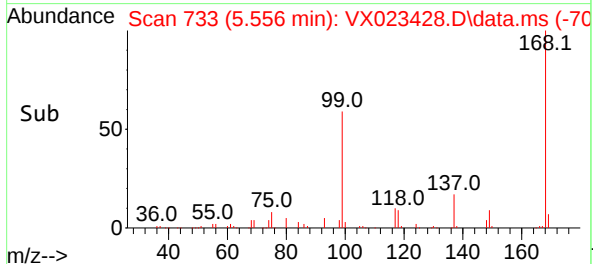
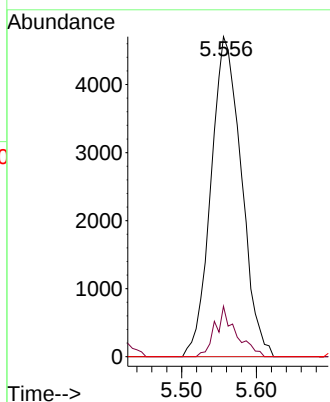


#36
1,1-Dichloropropene
Concen: 4.928 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX023428.D
Acq: 23 Jul 2021 16:59

Instrument :
MSVOA_X
ClientSampled :

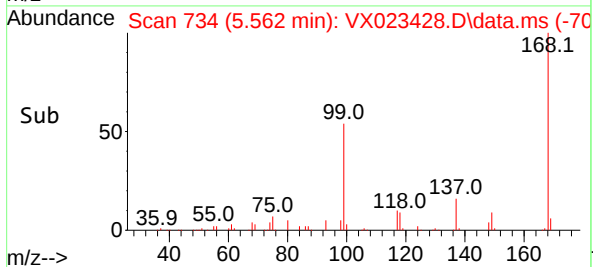
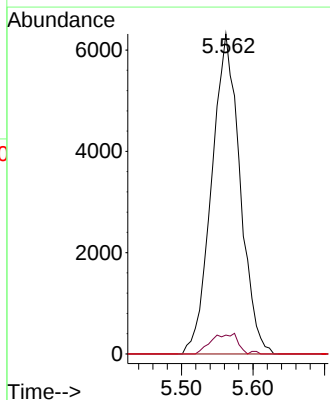
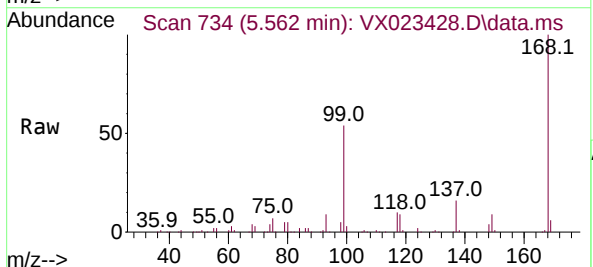


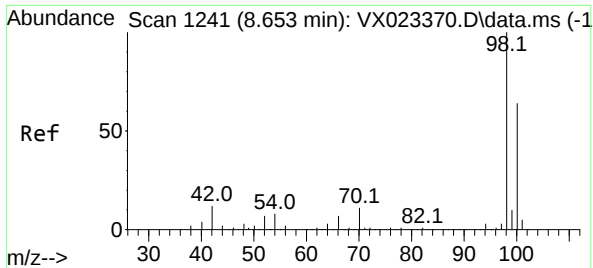
Tgt Ion: 75 Resp: 13296
Ion Ratio Lower Upper
75 100
110 10.8 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.333 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023428.D
Acq: 23 Jul 2021 16:59

Tgt Ion: 117 Resp: 17376
Ion Ratio Lower Upper
117 100
119 5.9 76.2 114.2#
121 0.0 24.8 37.2#

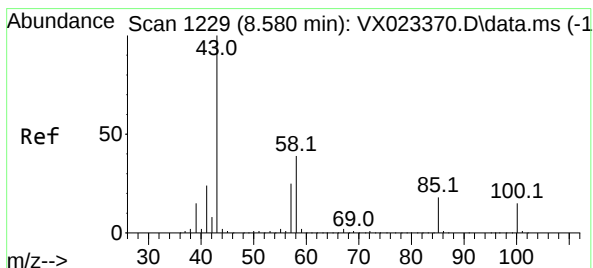
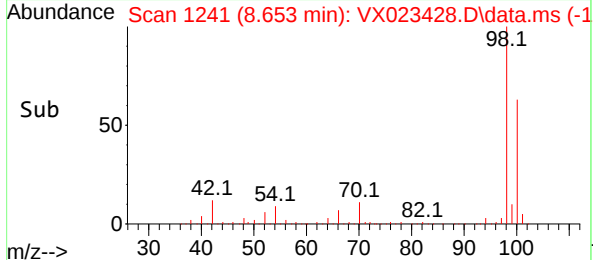
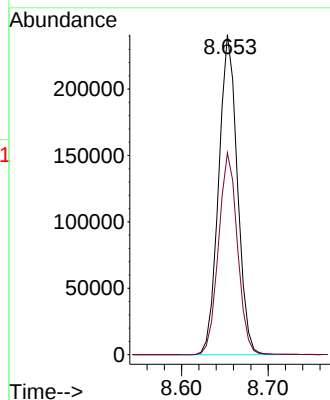
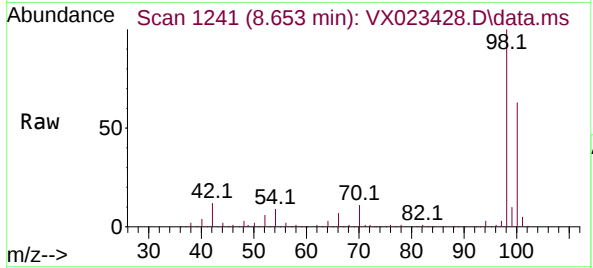




#50
Toluene-d8
Concen: 52.774 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023428.D
Acq: 23 Jul 2021 16:59

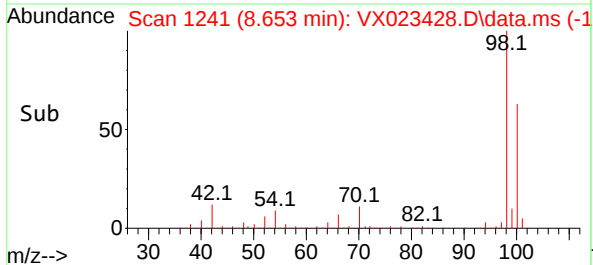
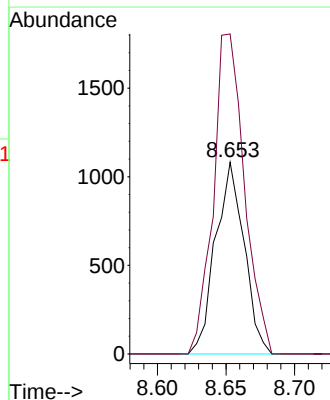
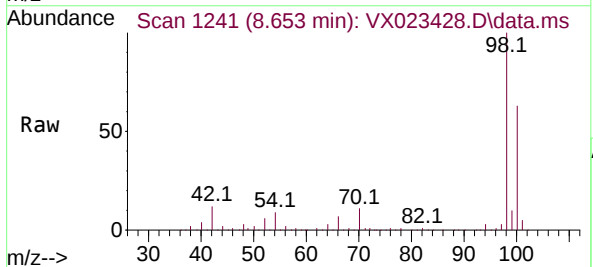
Instrument :
MSVOA_X
ClientSampled :

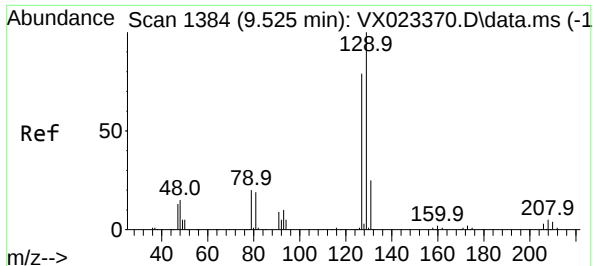
Tgt Ion: 98 Resp: 361587
Ion Ratio Lower Upper
98 100
100 63.9 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.488 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023428.D
Acq: 23 Jul 2021 16:59

Tgt Ion: 43 Resp: 1573
Ion Ratio Lower Upper
43 100
58 181.2 35.4 53.0#

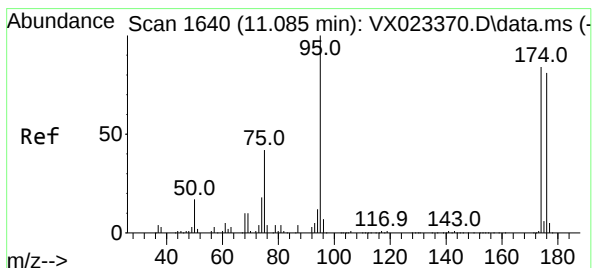
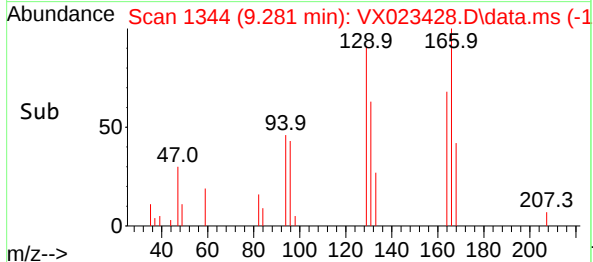
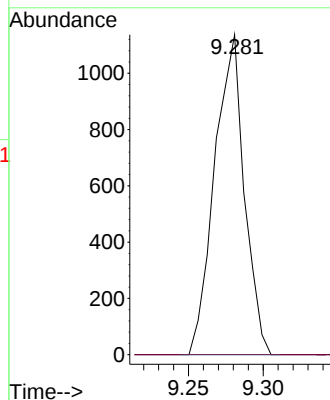
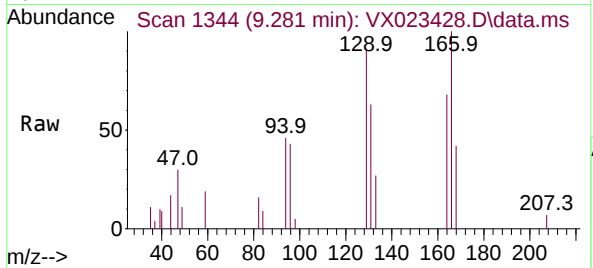




#60
Dibromochloromethane
Concen: 2.660 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX023428.D
Acq: 23 Jul 2021 16:59

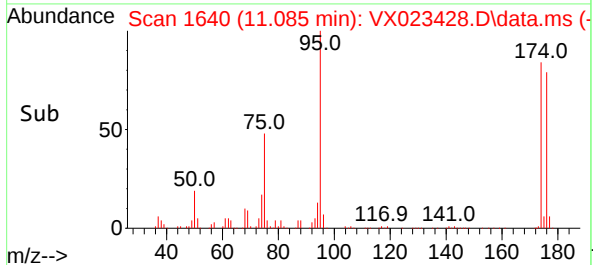
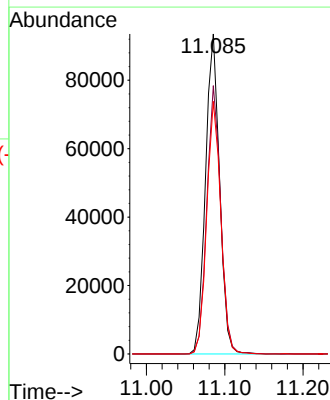
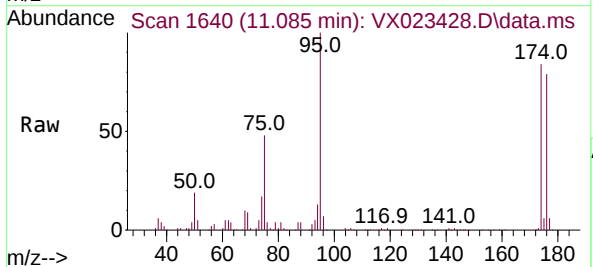
Instrument :
MSVOA_X
ClientSampled :

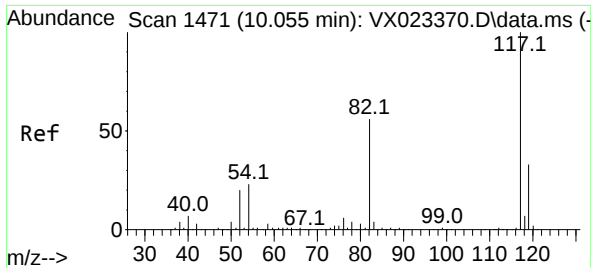
Tgt Ion:129 Resp: 1569
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#



#62
4-Bromofluorobenzene
Concen: 49.951 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023428.D
Acq: 23 Jul 2021 16:59

Tgt Ion: 95 Resp: 116377
Ion Ratio Lower Upper
95 100
174 83.0 0.0 154.6
176 78.9 0.0 155.8

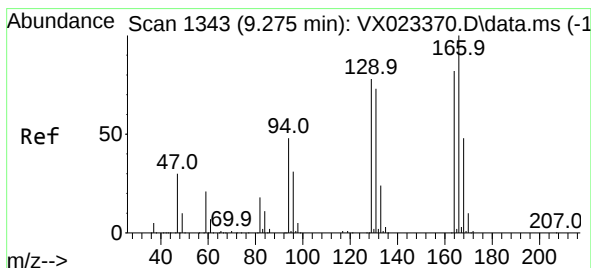
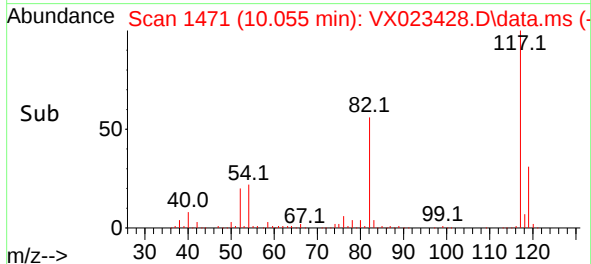
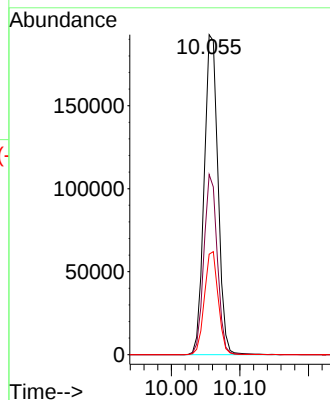
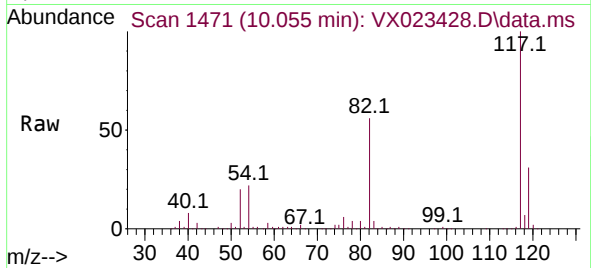




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023428.D
Acq: 23 Jul 2021 16:59

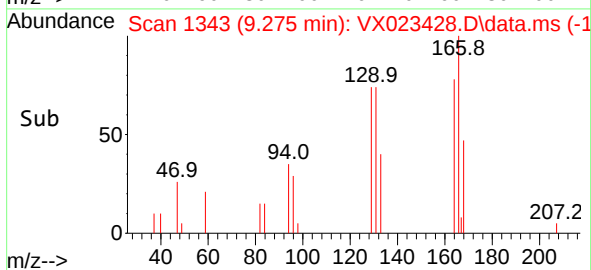
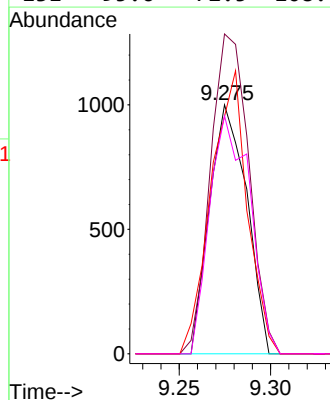
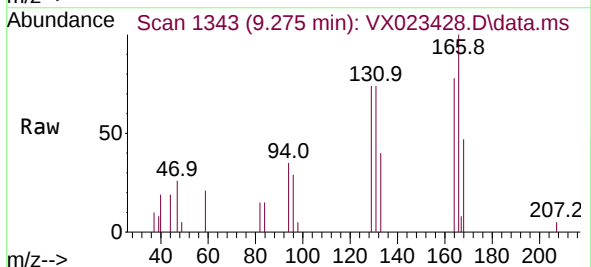
Instrument :
MSVOA_X
ClientSampled :

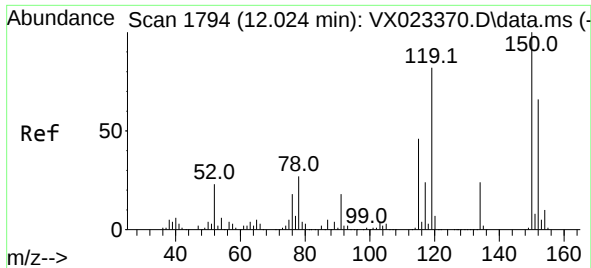
Tgt Ion:117 Resp: 271075
Ion Ratio Lower Upper
117 100
82 56.3 47.4 71.2
119 31.4 26.6 39.8



#64
Tetrachloroethene
Concen: 0.654 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX023428.D
Acq: 23 Jul 2021 16:59

Tgt Ion:164 Resp: 1410
Ion Ratio Lower Upper
164 100
166 128.5 103.4 155.2
129 95.4 70.8 106.2
131 95.6 72.5 108.7

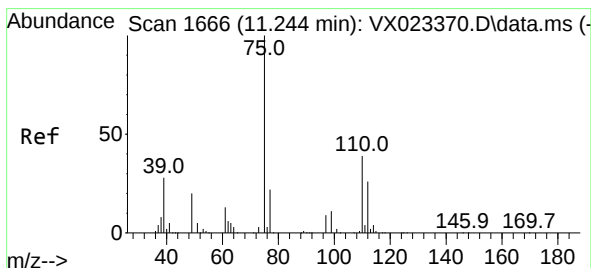
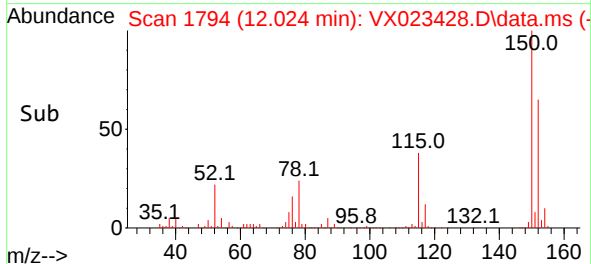
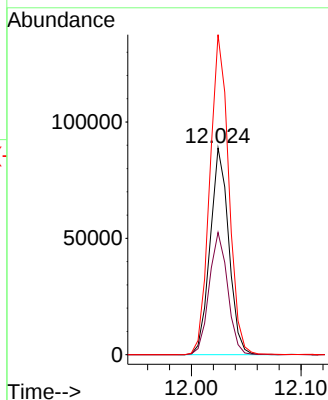
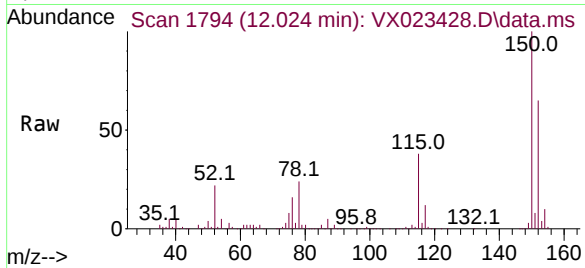




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023428.D
 Acq: 23 Jul 2021 16:59

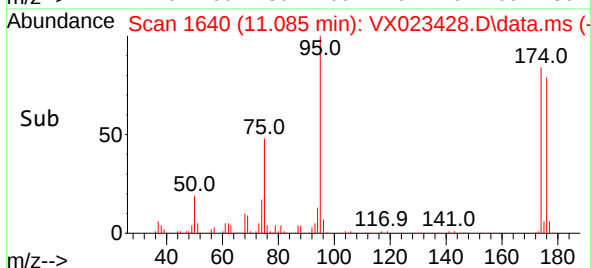
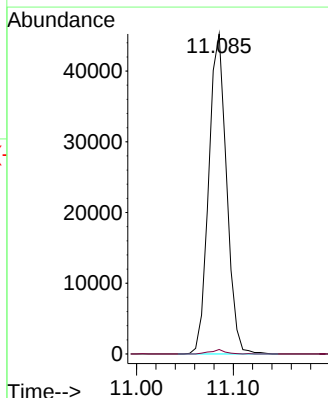
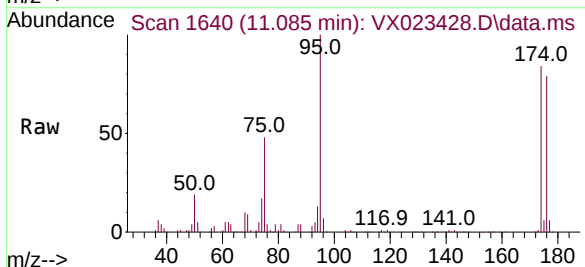
Instrument :
 MSVOA_X
 ClientSampled :

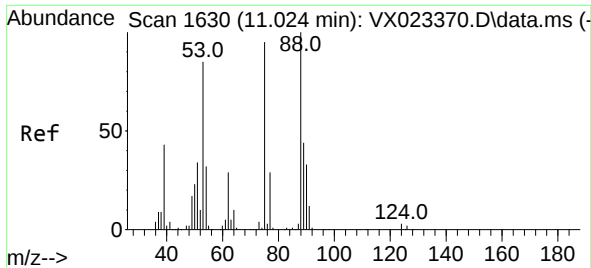
Tgt Ion:152 Resp: 104765
 Ion Ratio Lower Upper
 152 100
 115 58.5 41.1 123.3
 150 157.6 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.113 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023428.D
 Acq: 23 Jul 2021 16:59

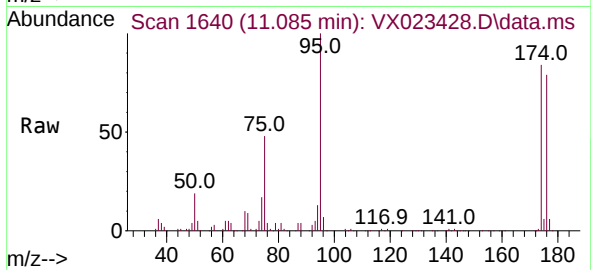
Tgt Ion: 75 Resp: 57897
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.527 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX023428.D
 Acq: 23 Jul 2021 16:59

Instrument :
 MSVOA_X
 ClientSampleId :



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

