

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072321\
 Data File : VX023414.D
 Acq On : 23 Jul 2021 10:37
 Operator : JC/MD
 Sample : VX0723WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

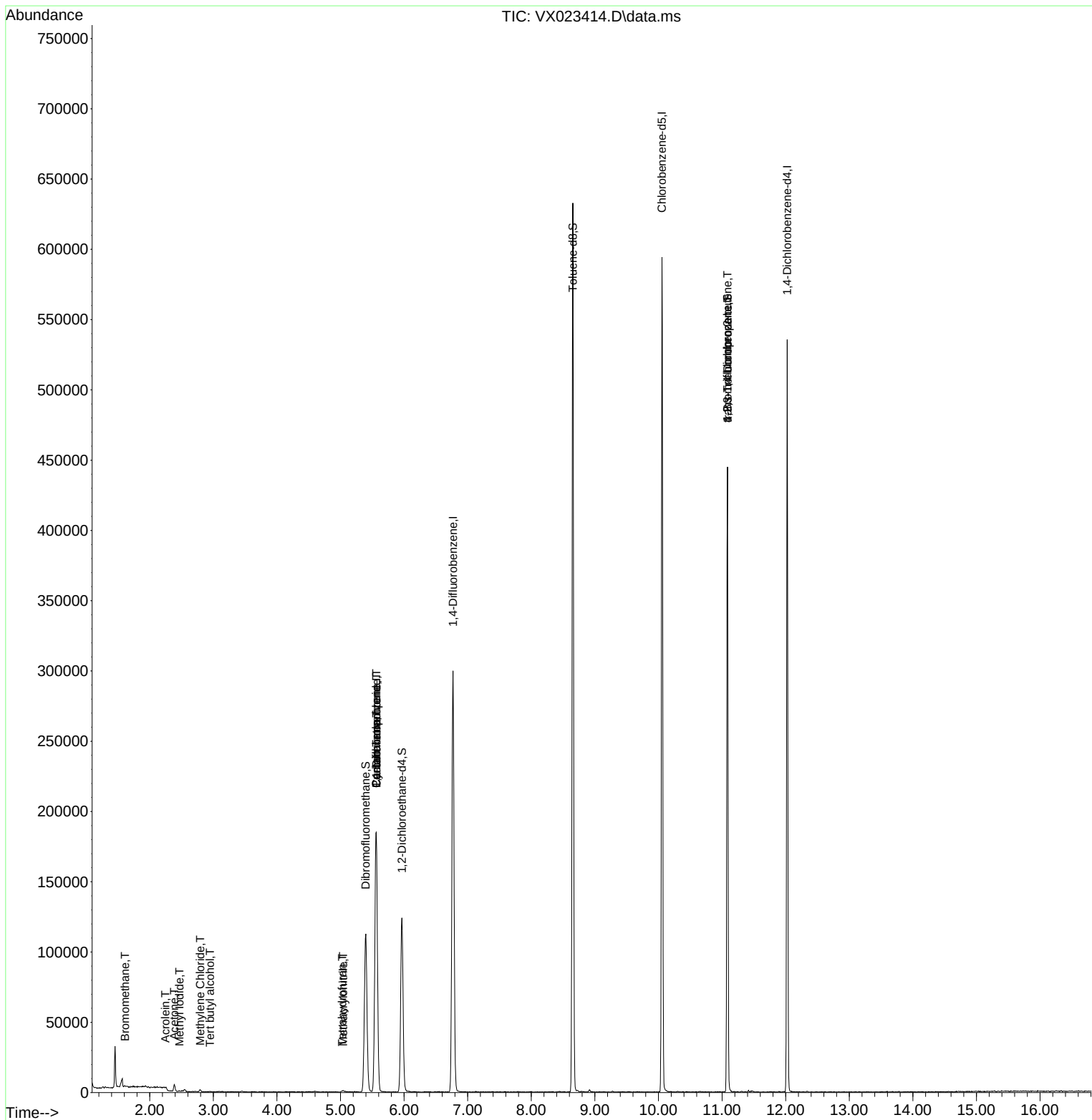
Quant Time: Jul 24 03:43:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

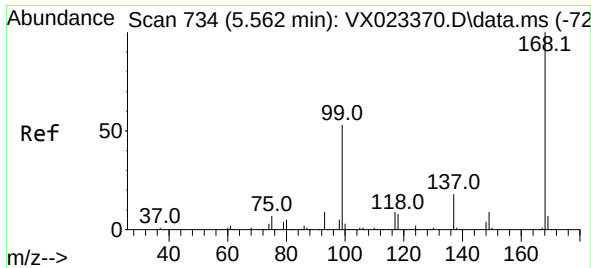
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	183118	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	306827	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	264594	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107278	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	117593	51.480	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 102.960%		
35) Dibromofluoromethane	5.397	113	97097	50.613	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.220%		
50) Toluene-d8	8.653	98	360926	51.207	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 102.420%		
62) 4-Bromofluorobenzene	11.085	95	115234	48.080	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 96.160%		
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	510	0.432	ug/l	93
10) Methyl Iodide	2.465	142	585	0.258	ug/l #	72
11) Tert butyl alcohol	2.947	59	177	0.339	ug/l #	73
13) Acrolein	2.245	56	160	1.964	ug/l	85
16) Acetone	2.386	43	5091	4.543	ug/l	96
20) Methylene Chloride	2.794	84	555	0.255	ug/l #	81
29) Tetrahydrofuran	5.025	42	299	0.262	ug/l #	64
31) Cyclohexane	5.562	56	3878	1.146	ug/l #	24
36) 1,1-Dichloropropene	5.562	75	13823	4.980	ug/l #	49
38) Carbon Tetrachloride	5.562	117	17637	6.248	ug/l #	16
41) Methacrylonitrile	5.044	41	640	0.346	ug/l #	16
76) 1,2,3-Trichloropropane	11.085	75	59683	25.282	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	59683	67.979	ug/l #	12

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

Quant Time: Jul 24 03:43:29 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

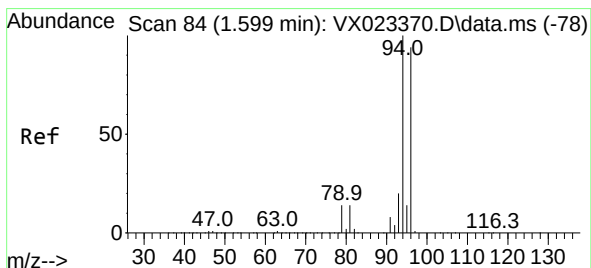
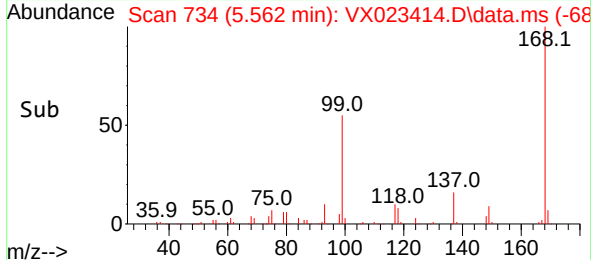
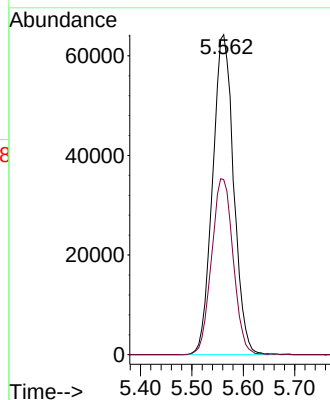
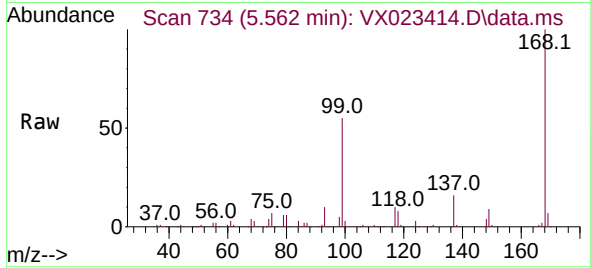




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023414.D
Acq: 23 Jul 2021 10:37

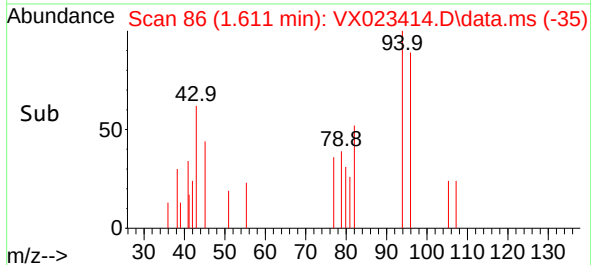
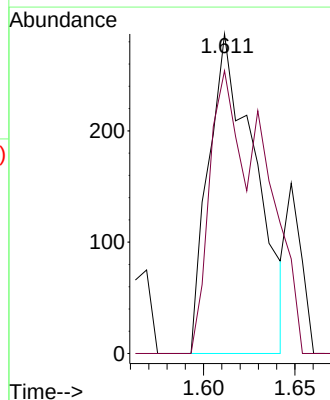
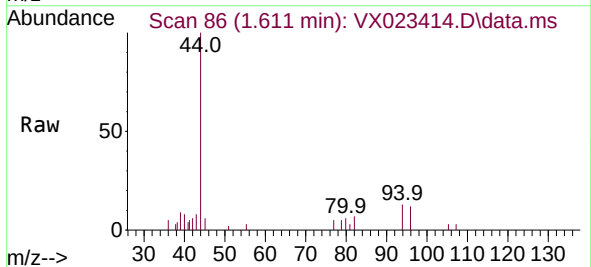
Instrument :
MSVOA_X
ClientSampleId :

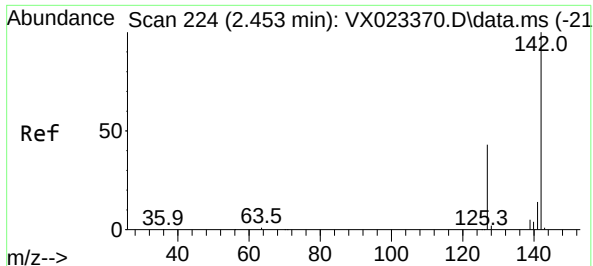
Tgt Ion:168 Resp: 183118
Ion Ratio Lower Upper
168 100
99 54.7 45.8 68.6



#5
Bromomethane
Concen: 0.432 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX023414.D
Acq: 23 Jul 2021 10:37

Tgt Ion: 94 Resp: 510
Ion Ratio Lower Upper
94 100
96 88.5 76.4 114.6





#10

Methyl Iodide

Concen: 0.258 ug/l

RT: 2.465 min Scan# 226

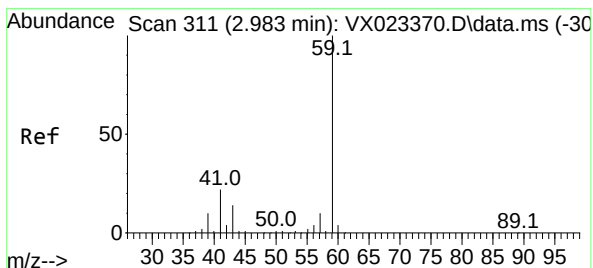
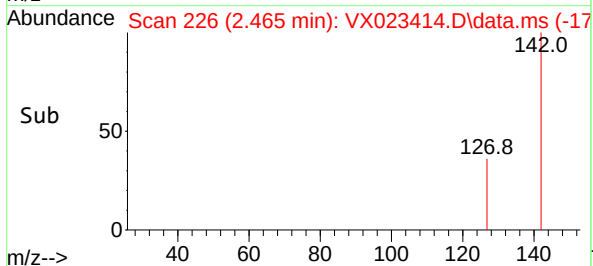
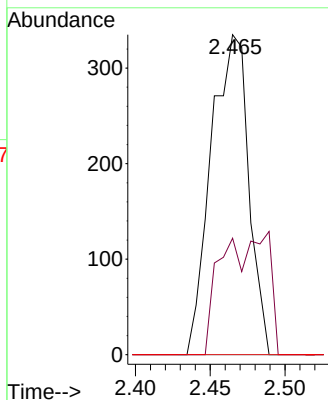
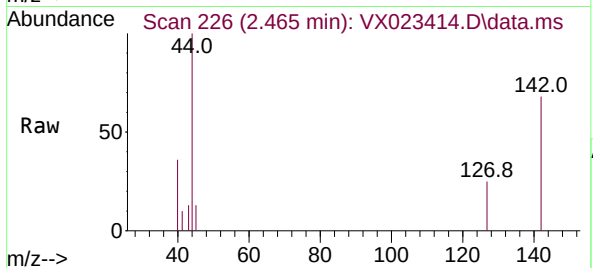
Delta R.T. 0.012 min

Lab File: VX023414.D

Acq: 23 Jul 2021 10:37

Tgt Ion:	142	Resp:	585
Ion	Ratio	Lower	Upper
142	100		
127	25.5	33.3	49.9#
141	0.0	11.4	17.0#

Instrument :
MSVOA_X
ClientSampleId :



#11

Tert butyl alcohol

Concen: 0.339 ug/l

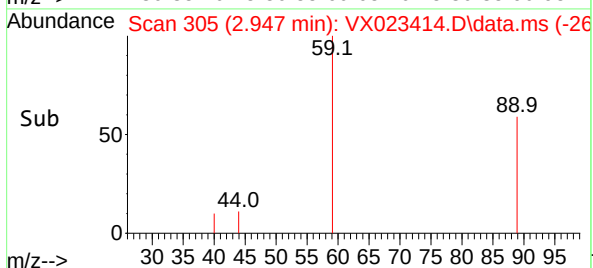
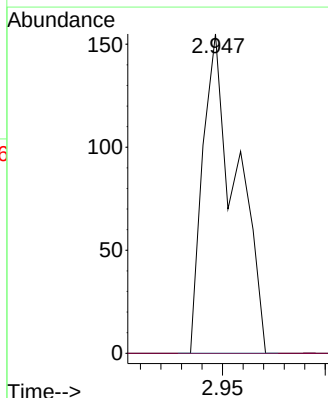
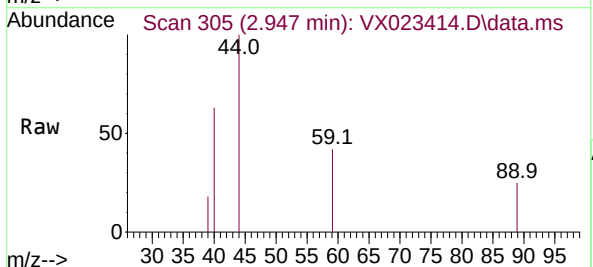
RT: 2.947 min Scan# 305

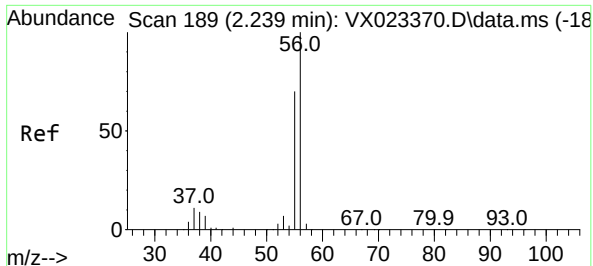
Delta R.T. -0.036 min

Lab File: VX023414.D

Acq: 23 Jul 2021 10:37

Tgt Ion:	59	Resp:	177
Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#

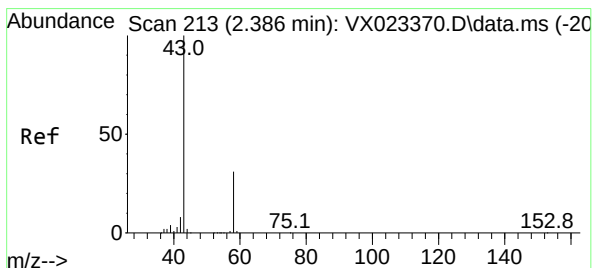
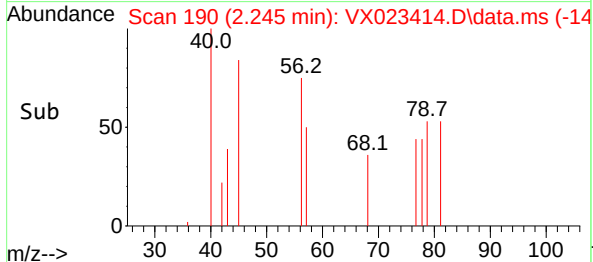
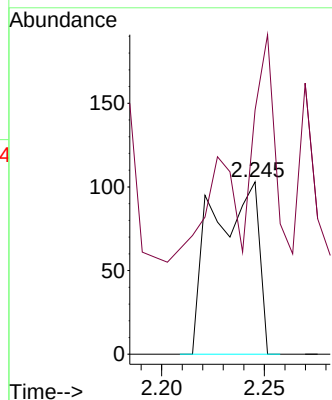
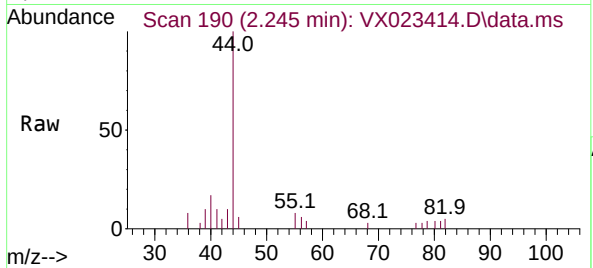




#13
Acrolein
Concen: 1.964 ug/l
RT: 2.245 min Scan# 190
Delta R.T. 0.006 min
Lab File: VX023414.D
Acq: 23 Jul 2021 10:37

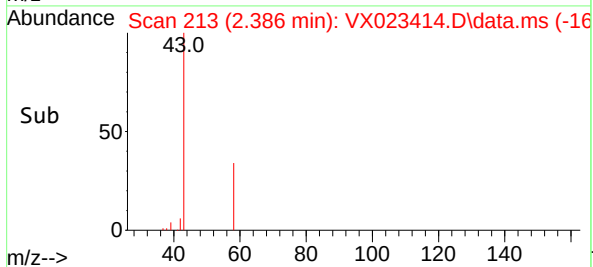
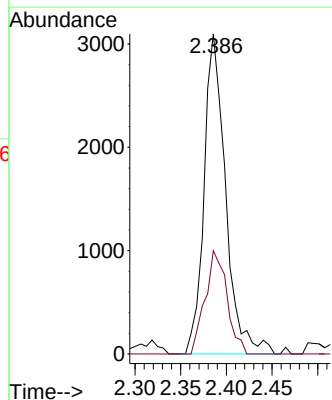
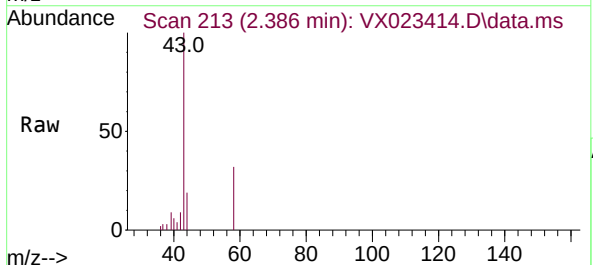
Instrument :
MSVOA_X
ClientSampled :

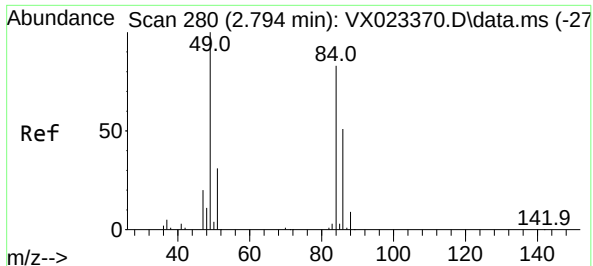
Tgt Ion: 56 Resp: 160
Ion Ratio Lower Upper
56 100
55 83.1 56.4 84.6



#16
Acetone
Concen: 4.543 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023414.D
Acq: 23 Jul 2021 10:37

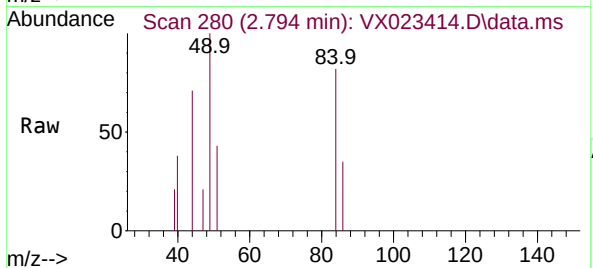
Tgt Ion: 43 Resp: 5091
Ion Ratio Lower Upper
43 100
58 32.2 27.8 41.8



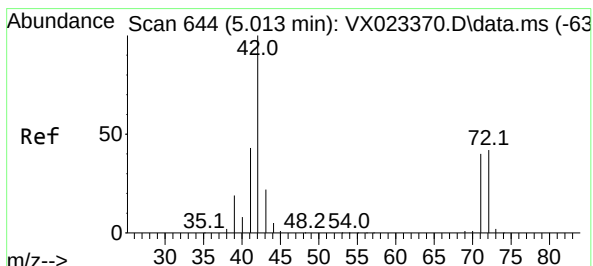
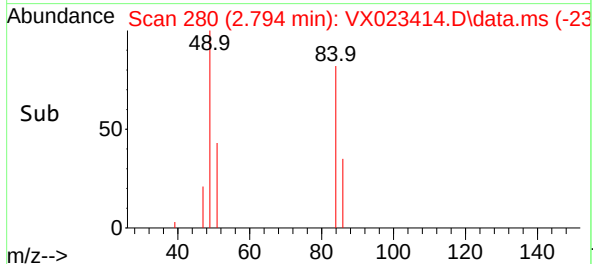
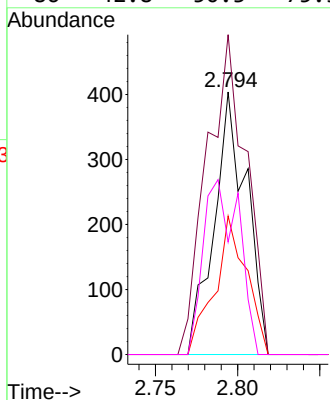


#20
Methylene Chloride
Concen: 0.255 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023414.D
Acq: 23 Jul 2021 10:37

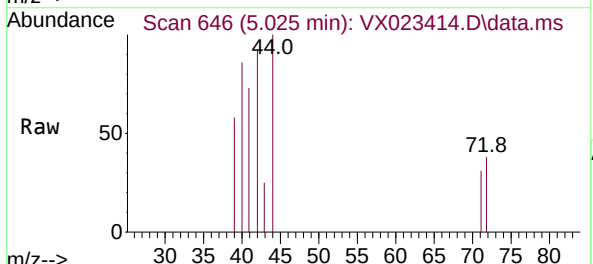
Instrument :
MSVOA_X
ClientSampled :



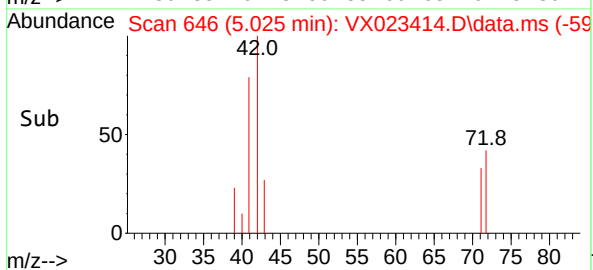
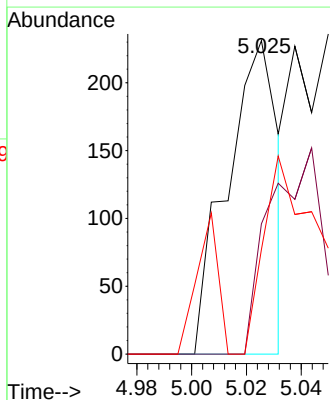
Tgt Ion:	84	Resp:	555
Ion	Ratio	Lower	Upper
84	100		
49	121.8	88.6	132.8
51	52.7	27.0	40.6#
86	42.8	50.3	75.5#

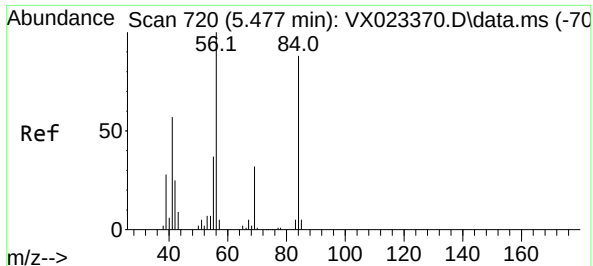


#29
Tetrahydrofuran
Concen: 0.262 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.012 min
Lab File: VX023414.D
Acq: 23 Jul 2021 10:37



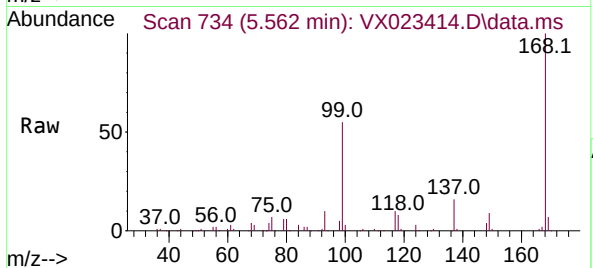
Tgt Ion:	42	Resp:	299
Ion	Ratio	Lower	Upper
42	100		
72	76.6	41.7	62.5#
71	72.9	38.4	57.6#



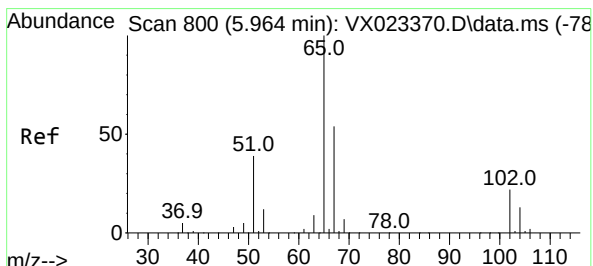
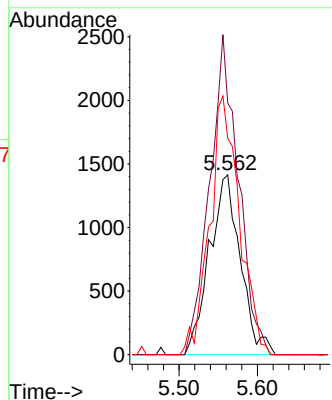
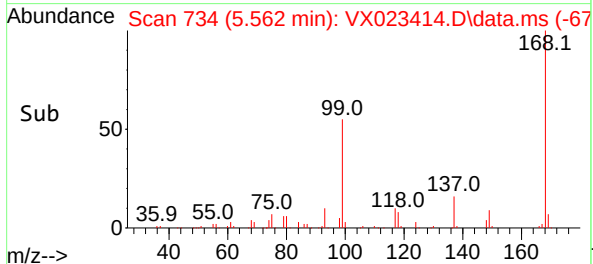


#31
Cyclohexane
Concen: 1.146 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023414.D
Acq: 23 Jul 2021 10:37

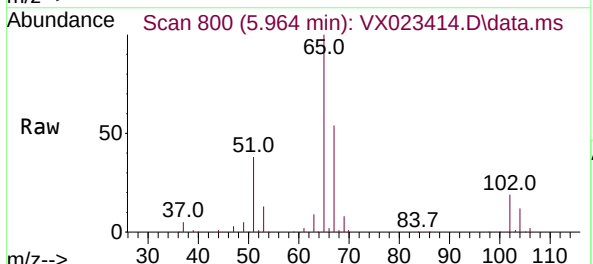
Instrument :
MSVOA_X
ClientSampled :



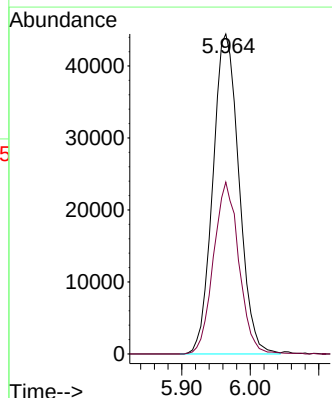
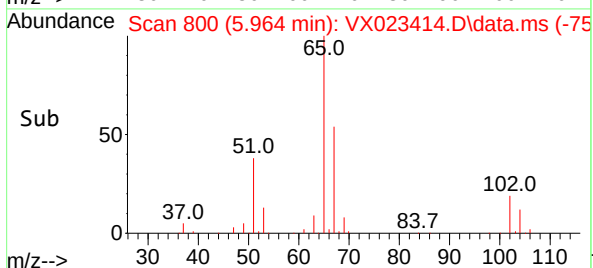
Tgt Ion: 56 Resp: 3878
Ion Ratio Lower Upper
56 100
69 139.9 25.3 37.9#
84 120.4 71.4 107.0#

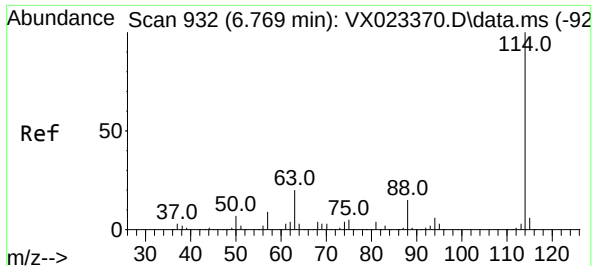


#33
1,2-Dichloroethane-d4
Concen: 51.480 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023414.D
Acq: 23 Jul 2021 10:37



Tgt Ion: 65 Resp: 117593
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.4

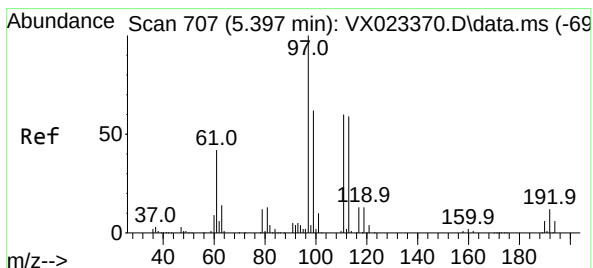
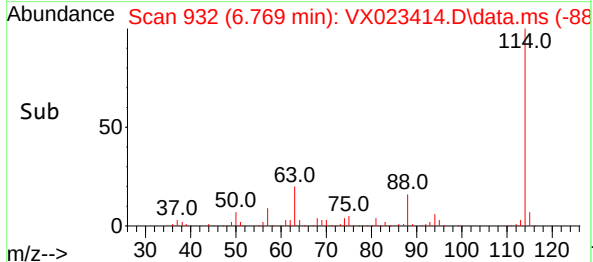
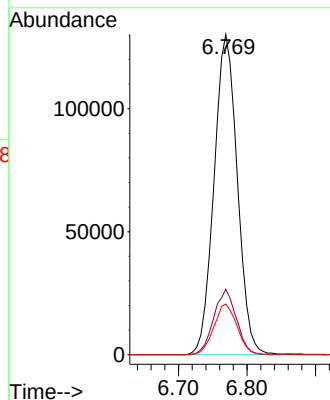
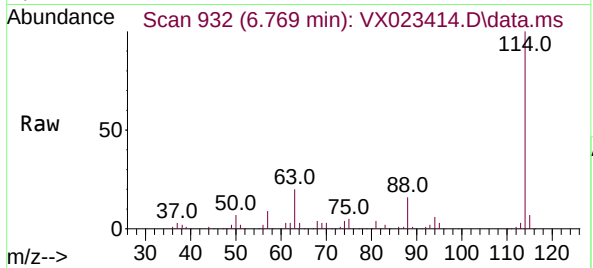




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023414.D
Acq: 23 Jul 2021 10:37

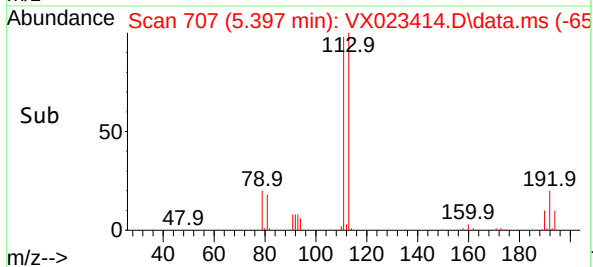
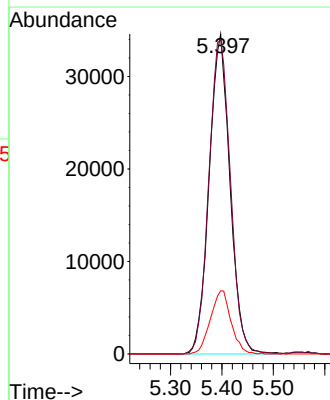
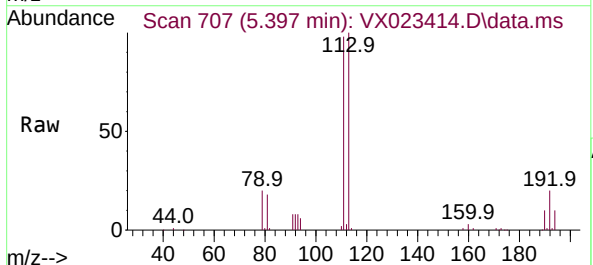
Instrument :
MSVOA_X
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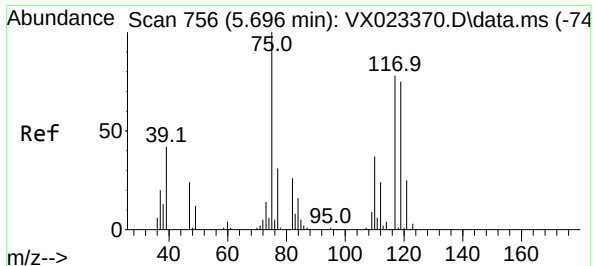
Tgt Ion:114 Resp: 306827
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.8
88 15.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.613 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023414.D
Acq: 23 Jul 2021 10:37

Tgt Ion:113 Resp: 97097
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 19.5 16.7 25.1

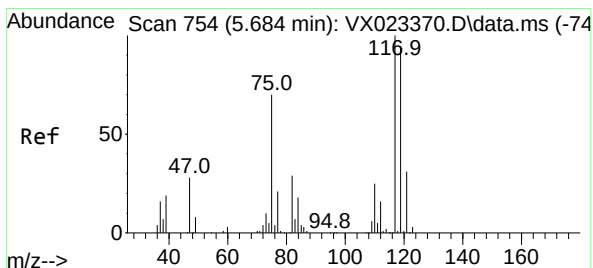
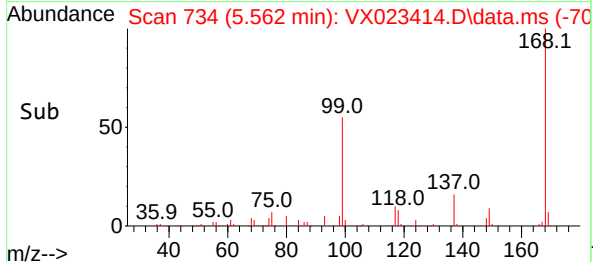
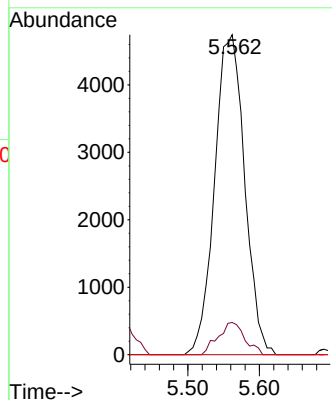
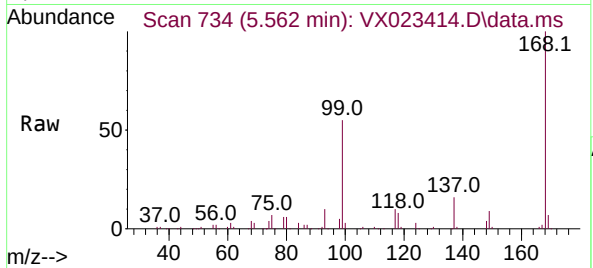




#36
1,1-Dichloropropene
Concen: 4.980 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX023414.D
Acq: 23 Jul 2021 10:37

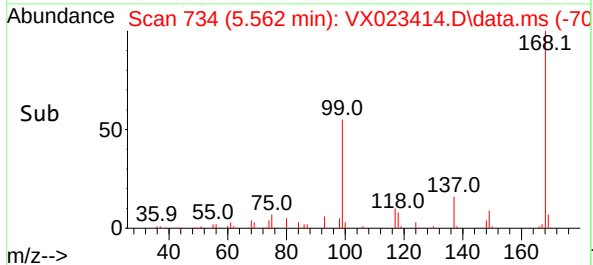
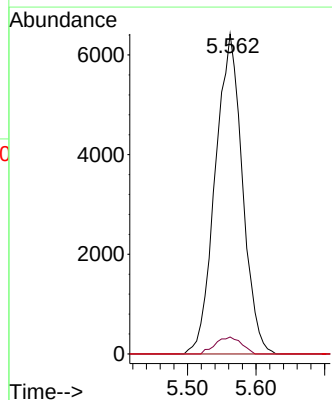
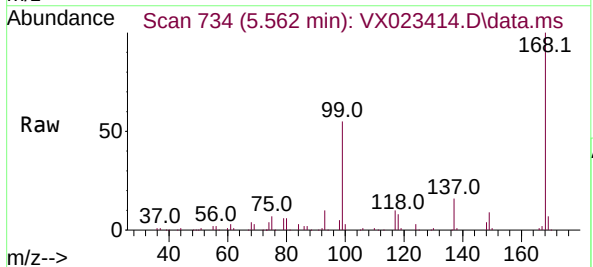
Instrument :
MSVOA_X
ClientSampled :

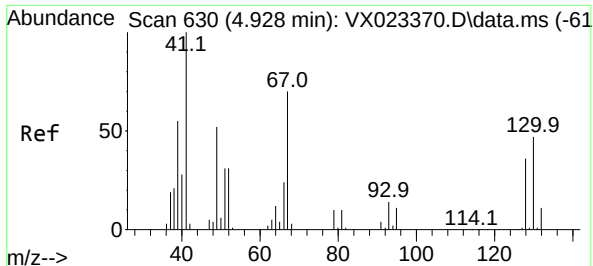
Tgt Ion: 75 Resp: 13823
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.248 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023414.D
Acq: 23 Jul 2021 10:37

Tgt Ion: 117 Resp: 17637
Ion Ratio Lower Upper
117 100
119 5.3 76.2 114.2#
121 0.0 24.8 37.2#

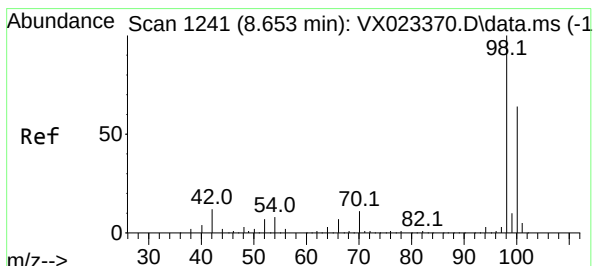
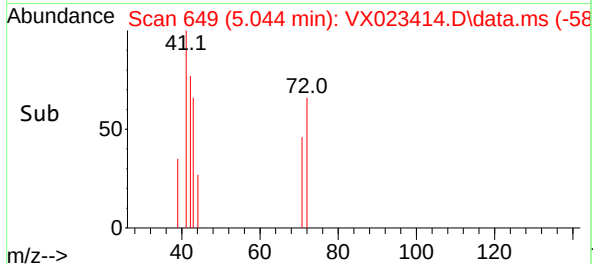
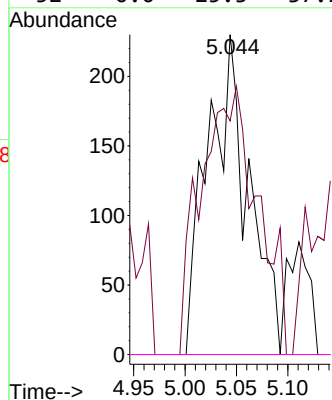
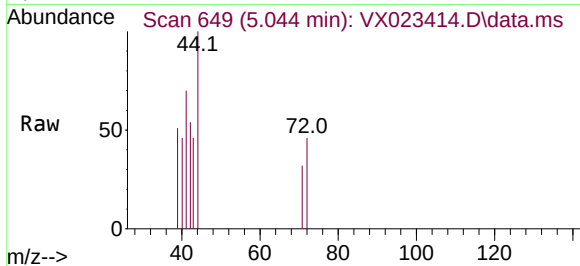




#41
Methacrylonitrile
Concen: 0.346 ug/l
RT: 5.044 min Scan# 649
Delta R.T. 0.116 min
Lab File: VX023414.D
Acq: 23 Jul 2021 10:37

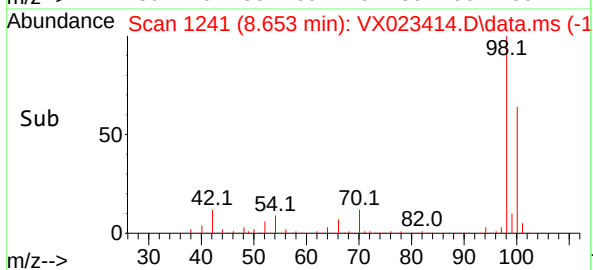
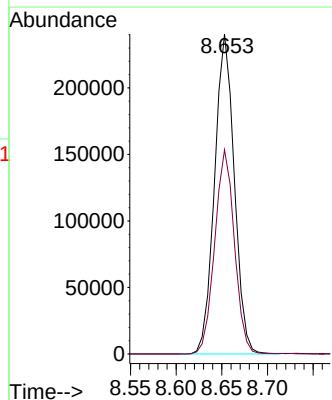
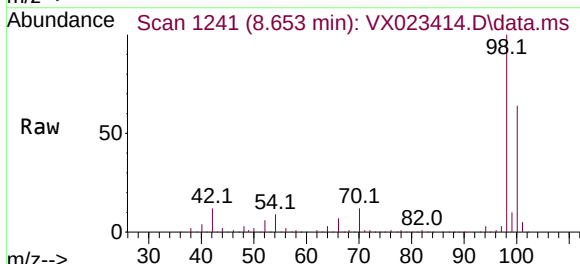
Instrument :
MSVOA_X
ClientSampleId :

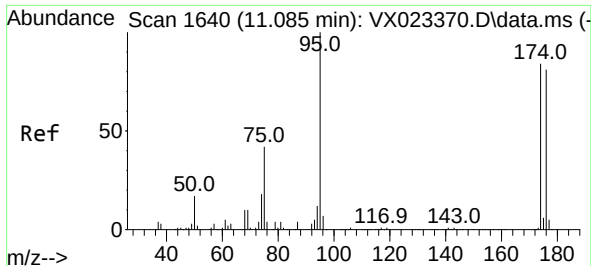
Tgt Ion: 41	Resp: 640
Ion Ratio	Lower Upper
41 100	
39 115.3	42.5 63.7#
67 0.0	65.0 97.6#
52 0.0	25.3 37.9#



#50
Toluene-d8
Concen: 51.207 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023414.D
Acq: 23 Jul 2021 10:37

Tgt Ion: 98	Resp: 360926
Ion Ratio	Lower Upper
98 100	
100 63.7	51.9 77.9

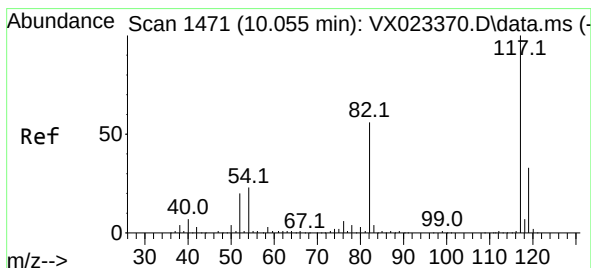
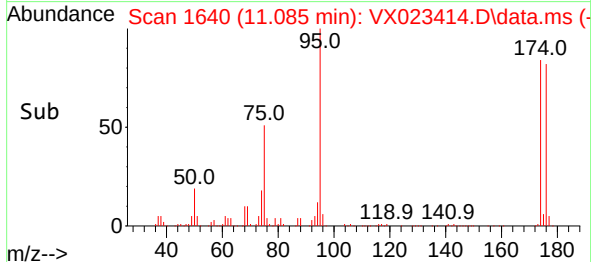
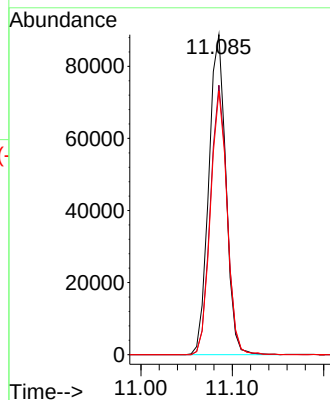
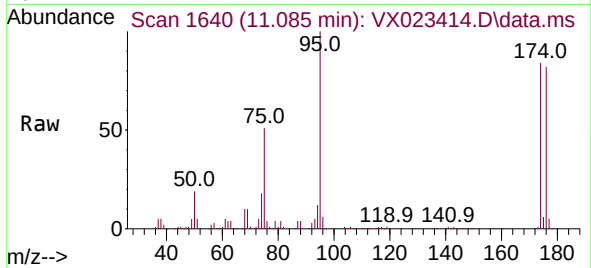




#62
4-Bromofluorobenzene
Concen: 48.080 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023414.D
Acq: 23 Jul 2021 10:37

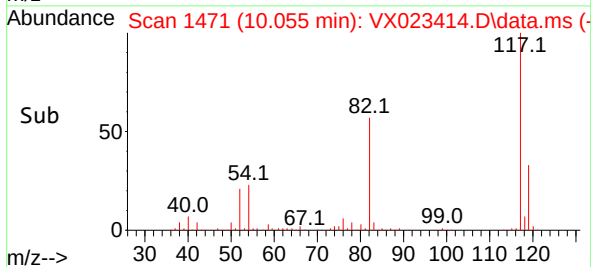
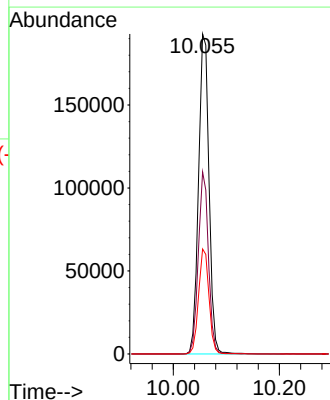
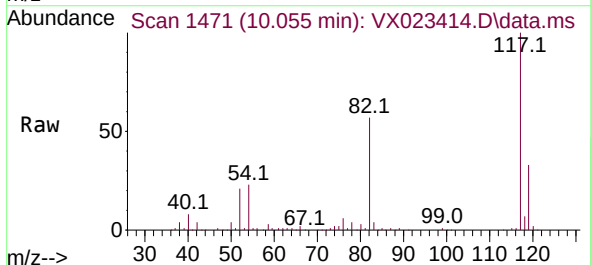
Instrument :
MSVOA_X
ClientSampleId :

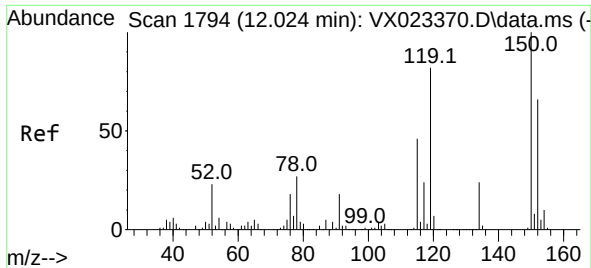
Tgt Ion: 95 Resp: 115234
Ion Ratio Lower Upper
95 100
174 82.1 0.0 154.6
176 80.3 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023414.D
Acq: 23 Jul 2021 10:37

Tgt Ion: 117 Resp: 264594
Ion Ratio Lower Upper
117 100
82 56.9 47.4 71.2
119 32.8 26.6 39.8

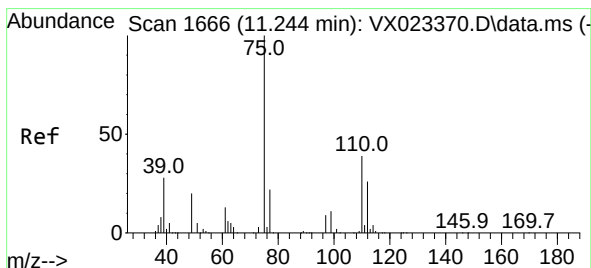
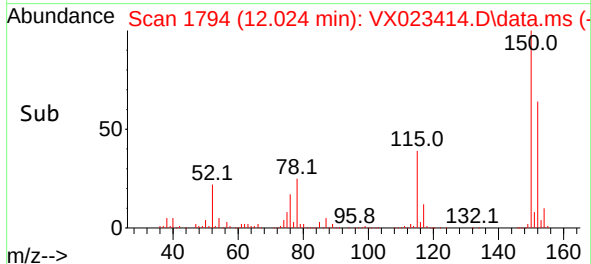
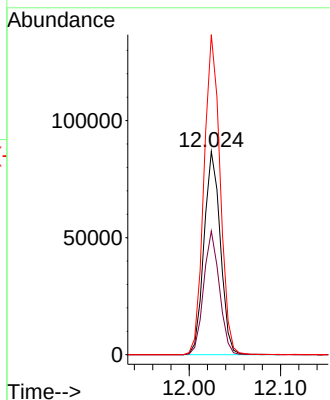
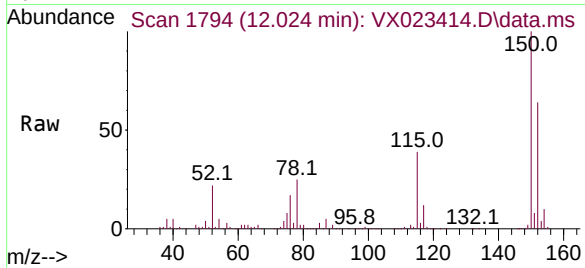




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023414.D
 Acq: 23 Jul 2021 10:37

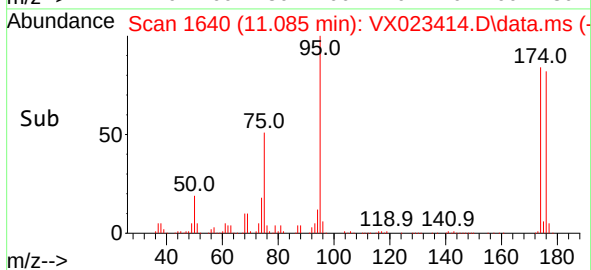
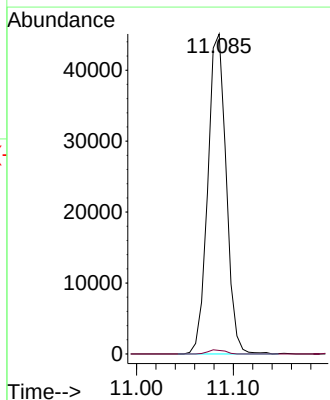
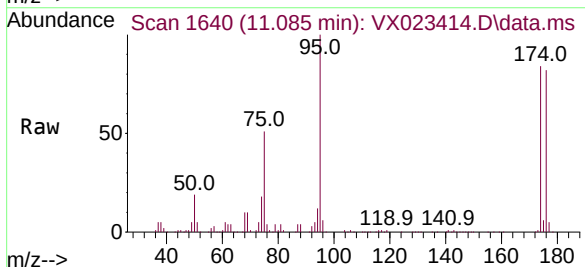
Instrument :
 MSVOA_X
 ClientSampled :

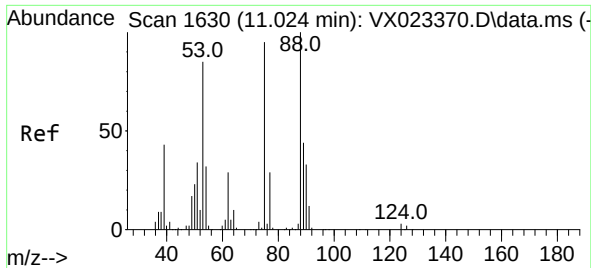
Tgt Ion:152 Resp: 107278
 Ion Ratio Lower Upper
 152 100
 115 58.5 41.1 123.3
 150 155.8 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 25.282 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023414.D
 Acq: 23 Jul 2021 10:37

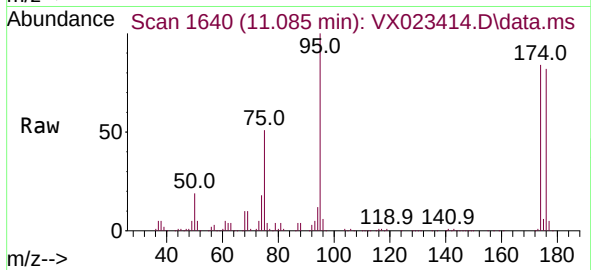
Tgt Ion: 75 Resp: 59683
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.979 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX023414.D
 Acq: 23 Jul 2021 10:37

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 59683
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

