

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080621\
 Data File : VX023599.D
 Acq On : 06 Aug 2021 16:19
 Operator : JC/MD
 Sample : M3320-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 07 04:45:48 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)

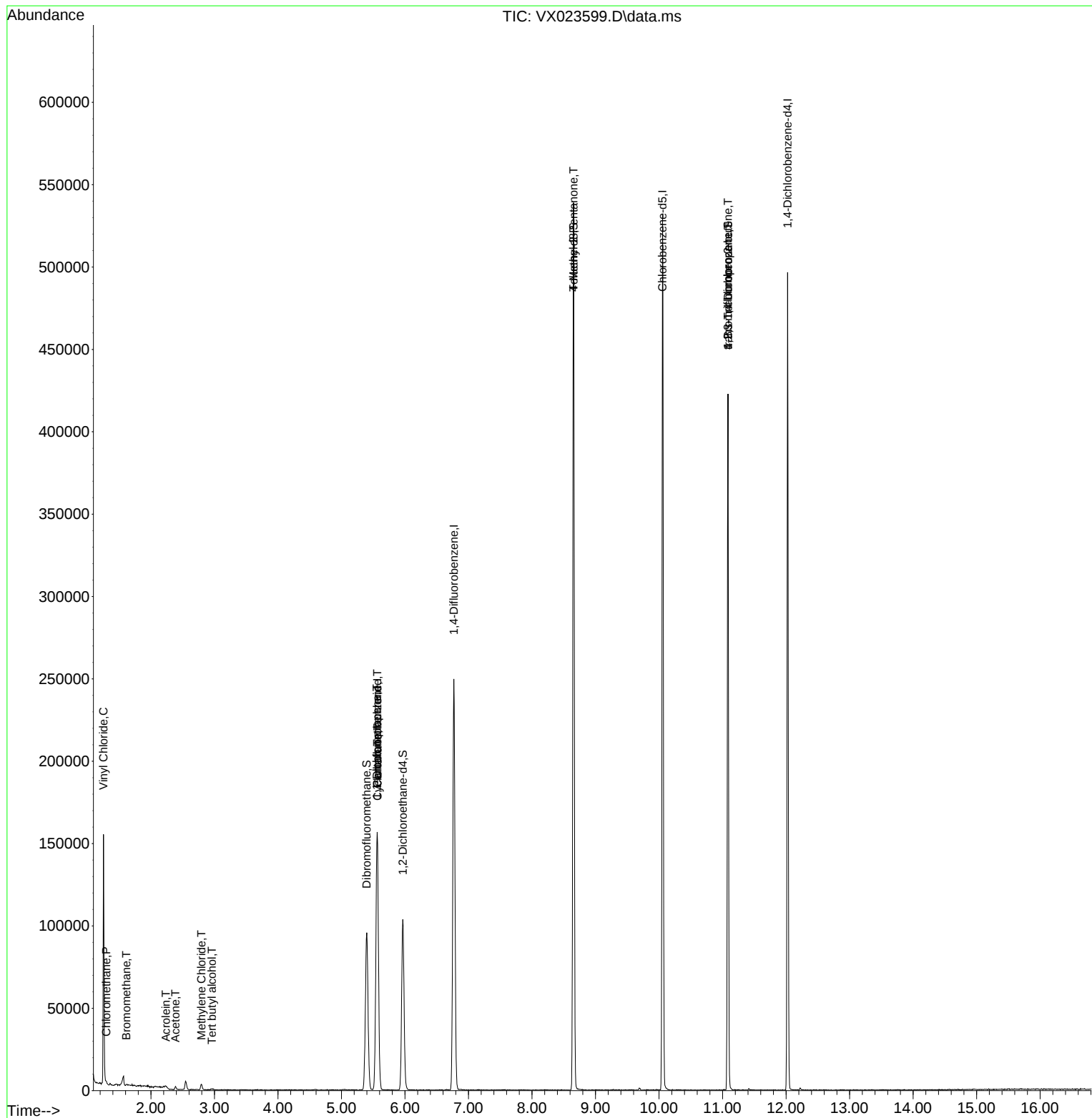
Internal Standards						
1) Pentafluorobenzene	5.562	168	149045	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	251343	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236527	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96919	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	100586	54.102	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.200%	
35) Dibromofluoromethane	5.397	113	82321	52.383	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.760%	
50) Toluene-d8	8.653	98	308189	53.378	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 106.760%	
62) 4-Bromofluorobenzene	11.085	95	104996	53.479	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.960%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	780	0.488	ug/l #	87
4) Vinyl Chloride	1.251	62	1186	0.733	ug/l	95
5) Bromomethane	1.611	94	533	0.555	ug/l	85
11) Tert butyl alcohol	2.958	59	635	1.495	ug/l #	73
13) Acrolein	2.233	56	26	1.483	ug/l #	1
16) Acetone	2.385	43	1712	1.877	ug/l #	80
20) Methylene Chloride	2.794	84	1521	0.857	ug/l	92
31) Cyclohexane	5.568	56	3166	1.150	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	11600	5.102	ug/l #	50
38) Carbon Tetrachloride	5.562	117	14747	6.378	ug/l #	19
51) 4-Methyl-2-Pentanone	8.653	43	1483	0.546	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	56052	26.281	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	56052	70.667	ug/l #	12

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

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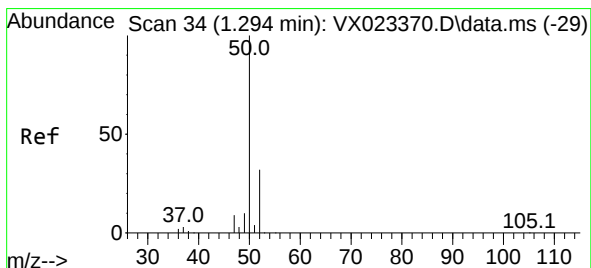
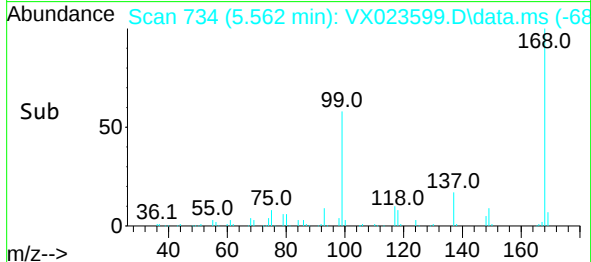
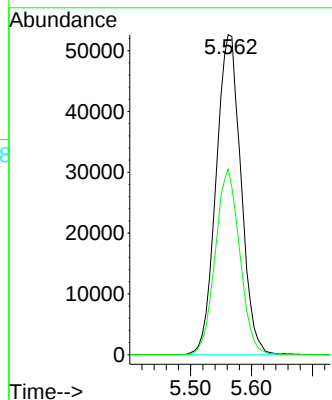
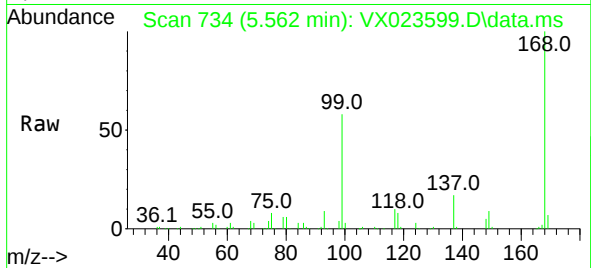




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023599.D
Acq: 06 Aug 2021 16:19

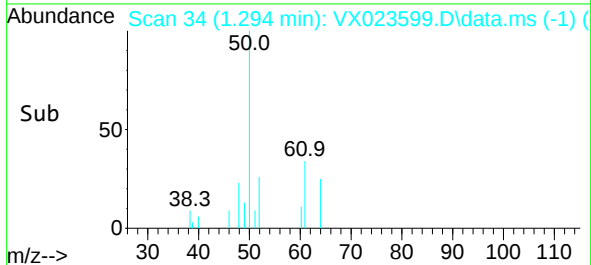
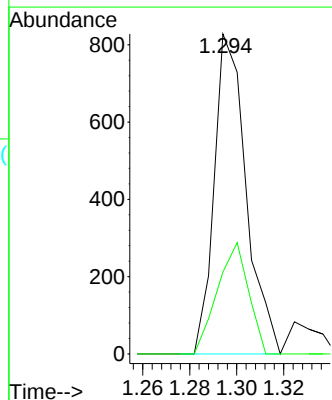
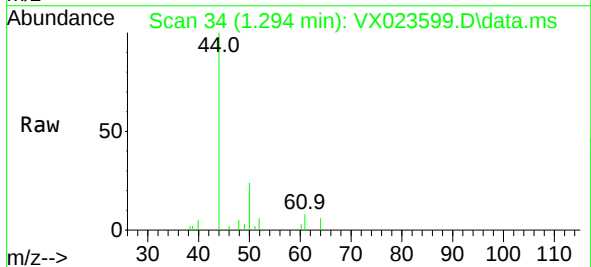
Instrument :
MSVOA_X
ClientSampleId :

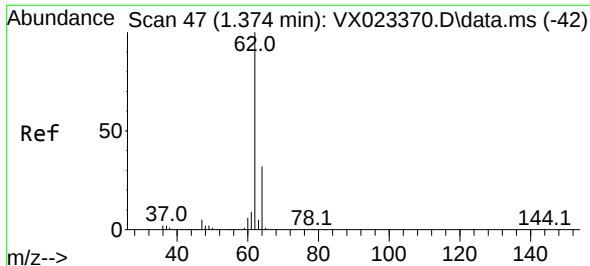
Tgt Ion:168 Resp: 149045
Ion Ratio Lower Upper
168 100
99 58.0 45.8 68.6



#3
Chloromethane
Concen: 0.488 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023599.D
Acq: 06 Aug 2021 16:19

Tgt Ion: 50 Resp: 780
Ion Ratio Lower Upper
50 100
52 25.6 26.4 39.6#

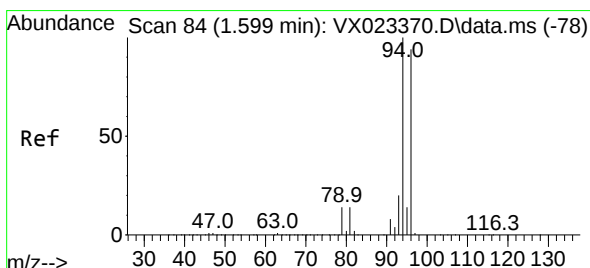
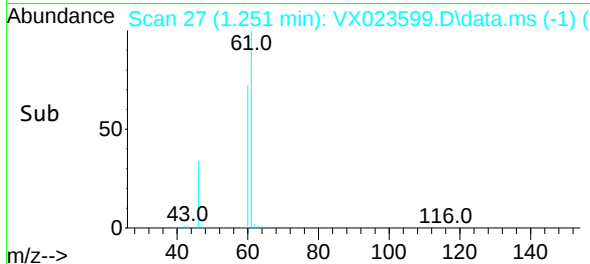
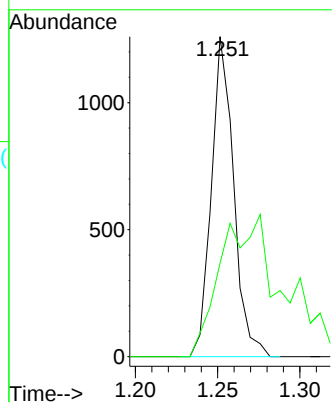
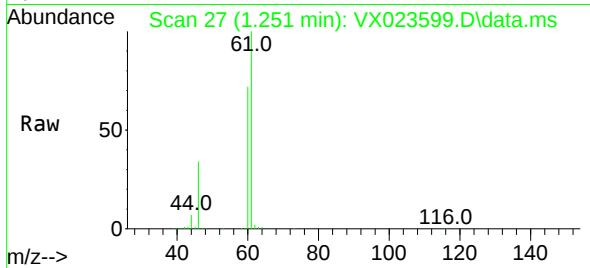




#4
 Vinyl Chloride
 Concen: 0.733 ug/l
 RT: 1.251 min Scan# 27
 Delta R.T. -0.123 min
 Lab File: VX023599.D
 Acq: 06 Aug 2021 16:19

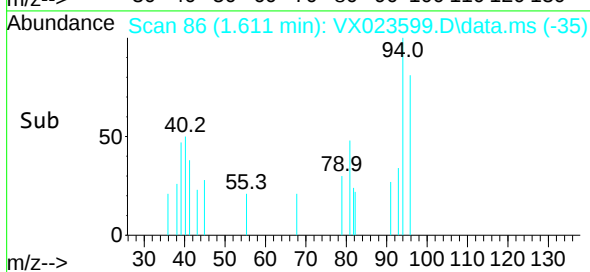
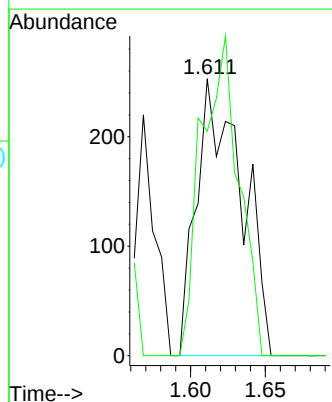
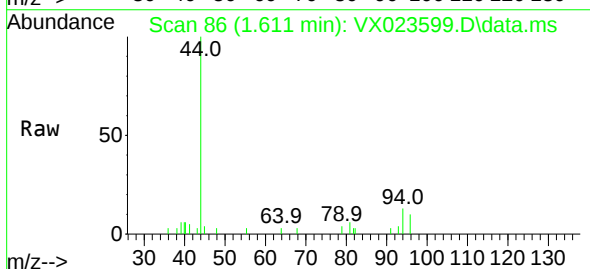
Instrument :
 MSVOA_X
 ClientSampled :

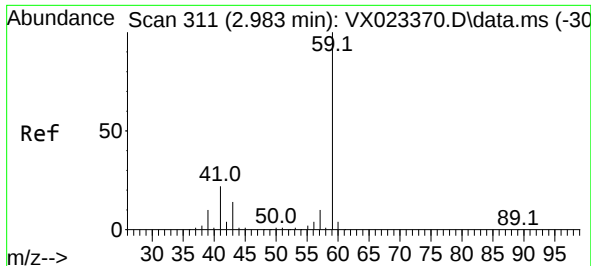
Tgt Ion: 62 Resp: 1186
 Ion Ratio Lower Upper
 62 100
 64 29.2 25.7 38.5



#5
 Bromomethane
 Concen: 0.555 ug/l
 RT: 1.611 min Scan# 86
 Delta R.T. 0.012 min
 Lab File: VX023599.D
 Acq: 06 Aug 2021 16:19

Tgt Ion: 94 Resp: 533
 Ion Ratio Lower Upper
 94 100
 96 81.0 76.4 114.6



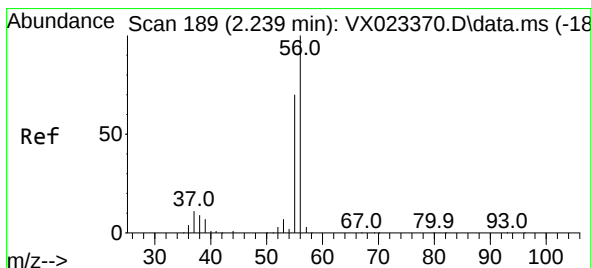
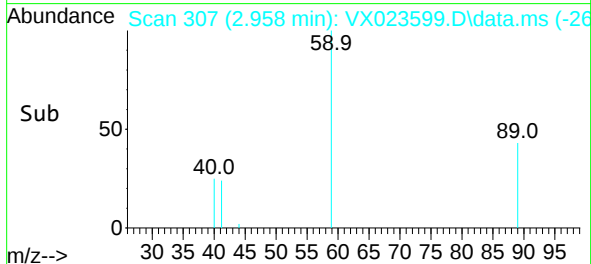
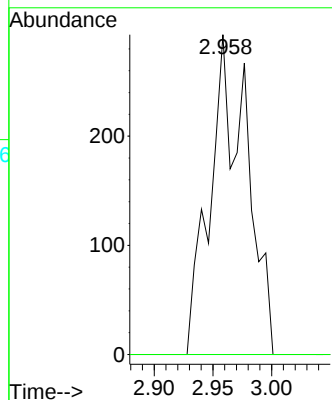
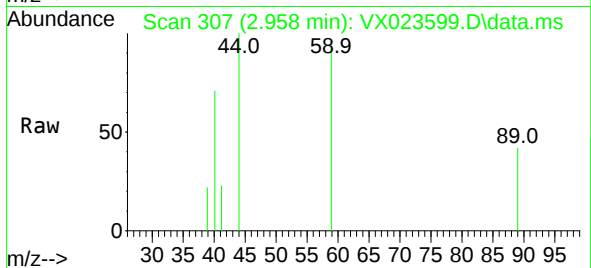


#11

Tert butyl alcohol
Concen: 1.495 ug/l
RT: 2.958 min Scan# 307
Delta R.T. -0.025 min
Lab File: VX023599.D
Acq: 06 Aug 2021 16:19

Instrument :
MSVOA_X
ClientSampleId :

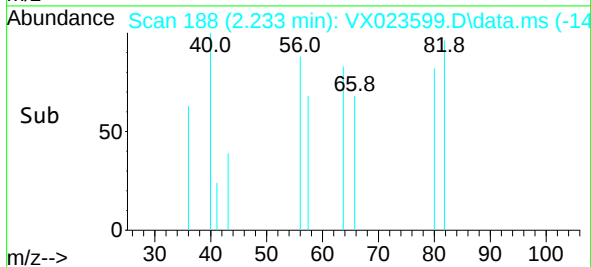
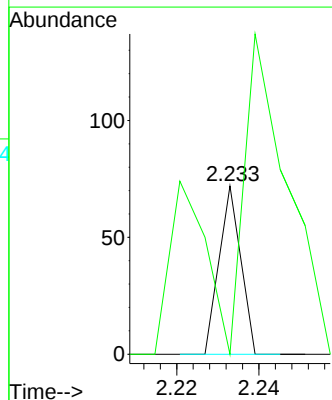
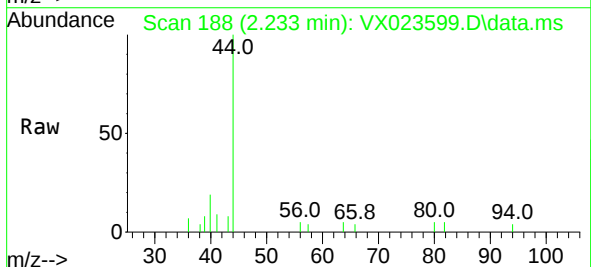
Tgt Ion: 59 Resp: 635
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

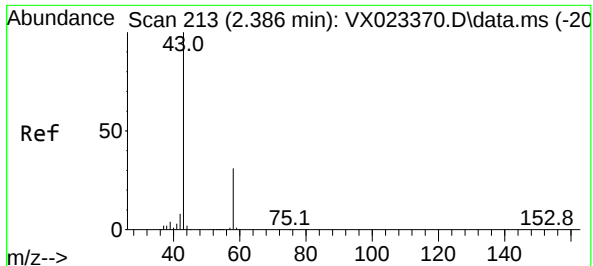


#13

Acrolein
Concen: 1.483 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX023599.D
Acq: 06 Aug 2021 16:19

Tgt Ion: 56 Resp: 26
Ion Ratio Lower Upper
56 100
55 553.8 56.4 84.6#

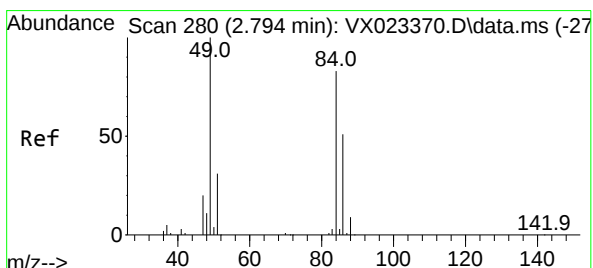
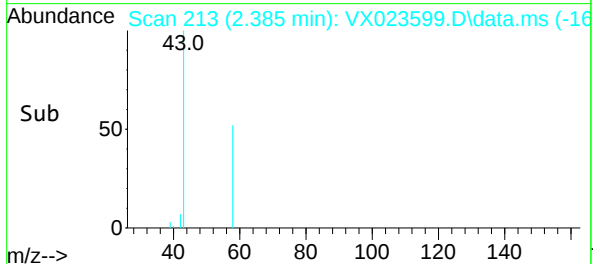
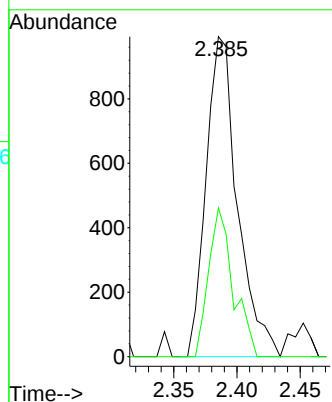
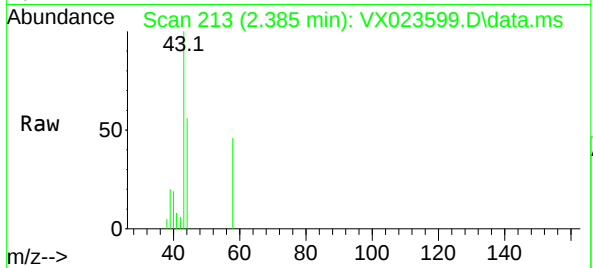




#16
Acetone
Concen: 1.877 ug/l
RT: 2.385 min Scan# 213
Delta R.T. -0.001 min
Lab File: VX023599.D
Acq: 06 Aug 2021 16:19

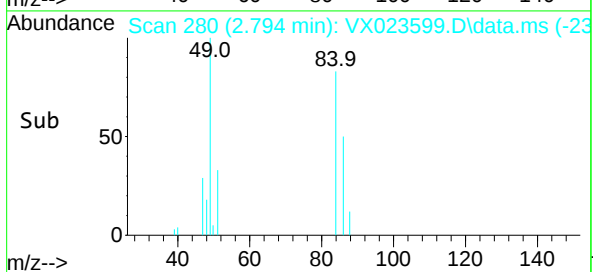
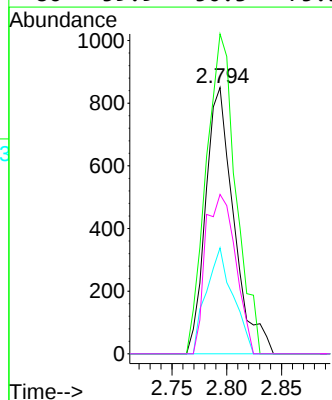
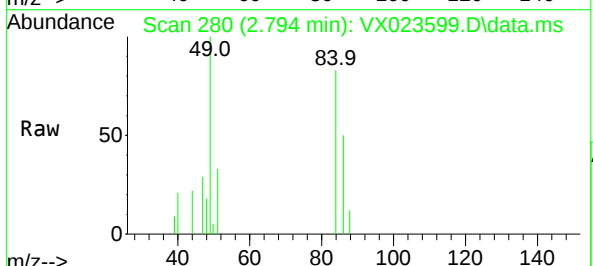
Instrument :
MSVOA_X
ClientSampled :

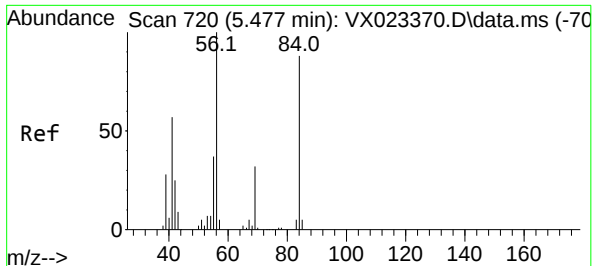
Tgt Ion: 43 Resp: 1712
Ion Ratio Lower Upper
43 100
58 46.4 27.8 41.8#



#20
Methylene Chloride
Concen: 0.857 ug/l
RT: 2.794 min Scan# 280
Delta R.T. -0.000 min
Lab File: VX023599.D
Acq: 06 Aug 2021 16:19

Tgt Ion: 84 Resp: 1521
Ion Ratio Lower Upper
84 100
49 120.1 88.6 132.8
51 39.8 27.0 40.6
86 59.9 50.3 75.5

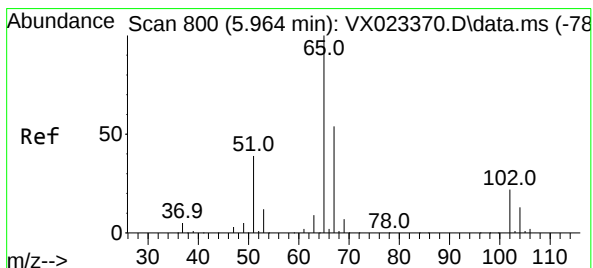
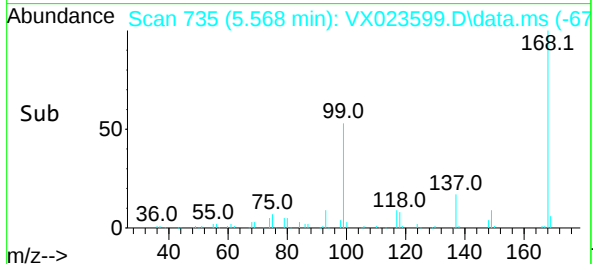
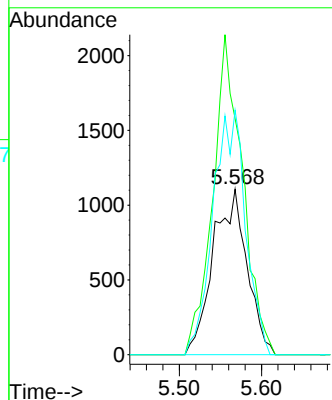
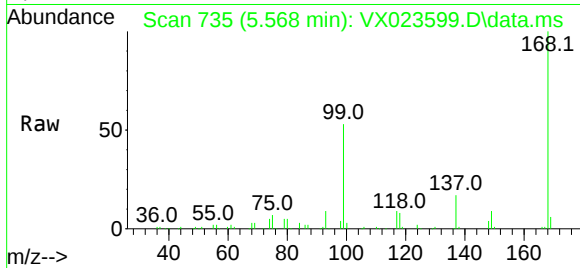




#31
Cyclohexane
Concen: 1.150 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX023599.D
Acq: 06 Aug 2021 16:19

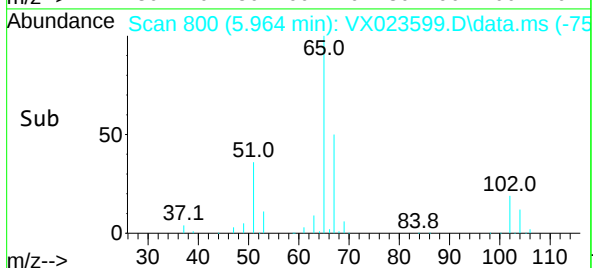
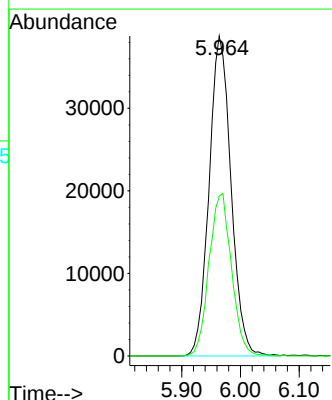
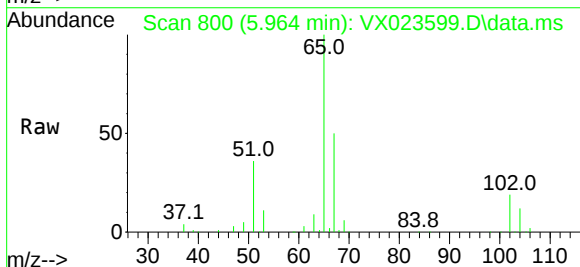
Instrument :
MSVOA_X
ClientSampled :

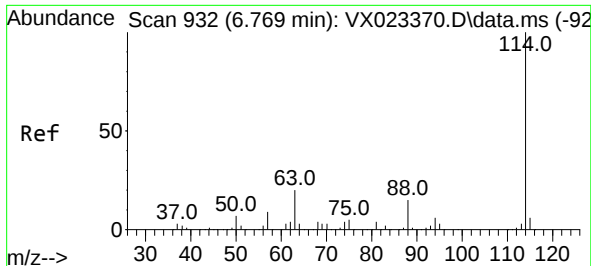
Tgt Ion: 56 Resp: 3166
Ion Ratio Lower Upper
56 100
69 142.8 25.3 37.9#
84 147.8 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 54.102 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023599.D
Acq: 06 Aug 2021 16:19

Tgt Ion: 65 Resp: 100586
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.4

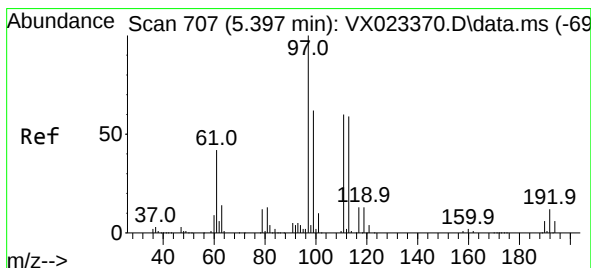
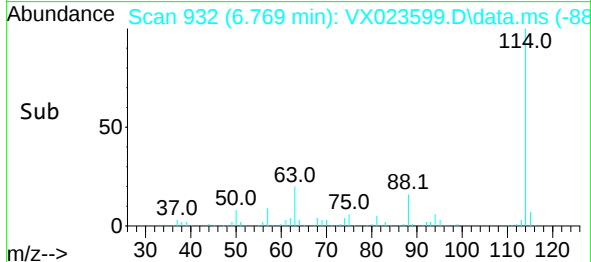
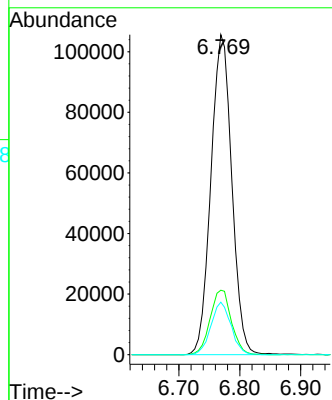
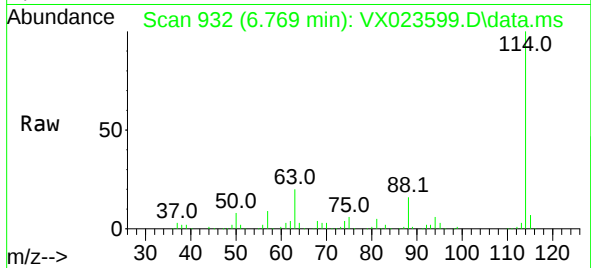




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023599.D
Acq: 06 Aug 2021 16:19

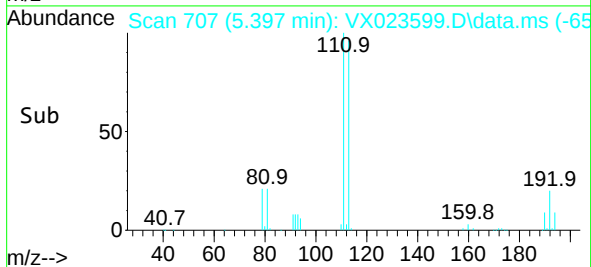
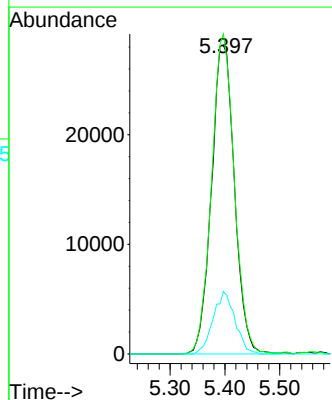
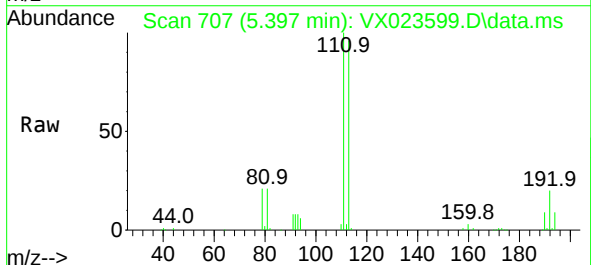
Instrument :
MSVOA_X
ClientSampleId :

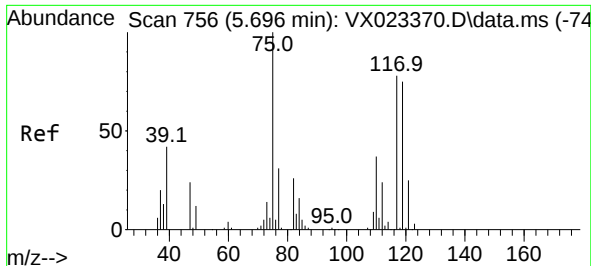
Tgt Ion:114 Resp: 251343
Ion Ratio Lower Upper
114 100
63 20.2 0.0 40.8
88 16.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 52.383 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023599.D
Acq: 06 Aug 2021 16:19

Tgt Ion:113 Resp: 82321
Ion Ratio Lower Upper
113 100
111 102.1 81.9 122.9
192 19.2 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.102 ug/l

RT: 5.556 min Scan# 733

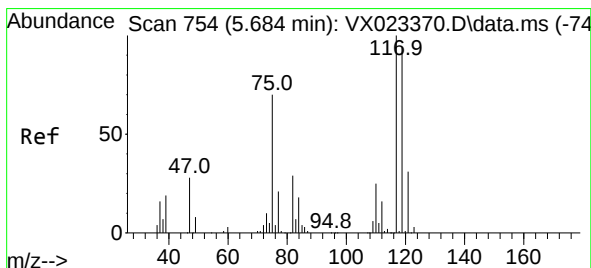
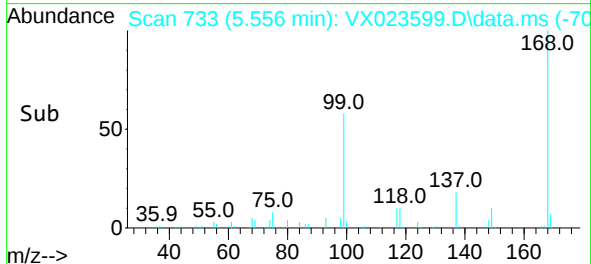
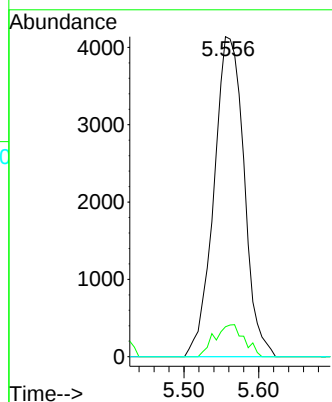
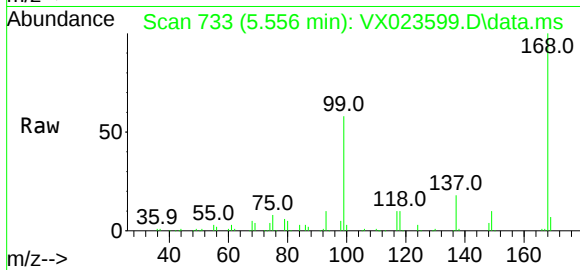
Delta R.T. -0.140 min

Lab File: VX023599.D

Acq: 06 Aug 2021 16:19

Tgt Ion:	75	Resp:	11600
Ion	Ratio	Lower	Upper
75	100		
110	9.8	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.378 ug/l

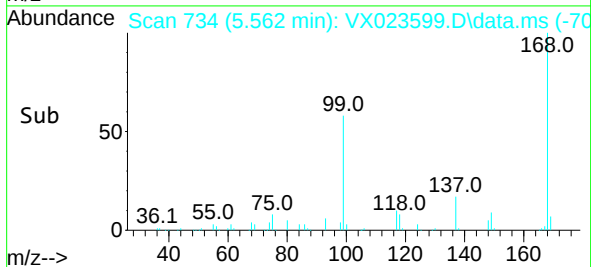
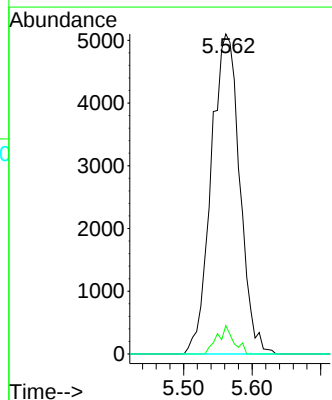
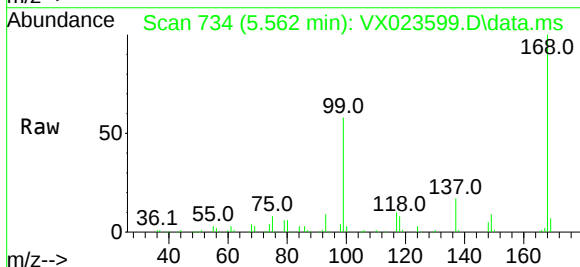
RT: 5.562 min Scan# 734

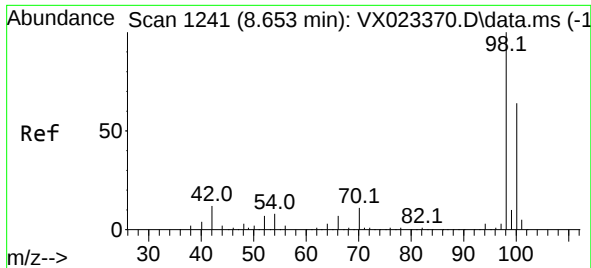
Delta R.T. -0.122 min

Lab File: VX023599.D

Acq: 06 Aug 2021 16:19

Tgt Ion:	117	Resp:	14747
Ion	Ratio	Lower	Upper
117	100		
119	8.9	76.2	114.2#
121	0.0	24.8	37.2#

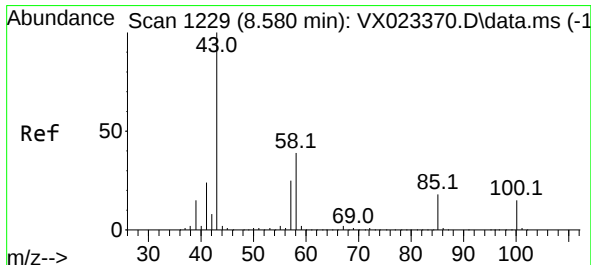
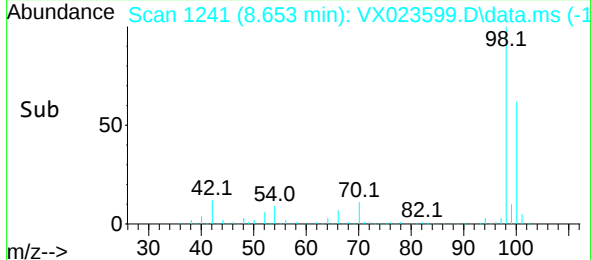
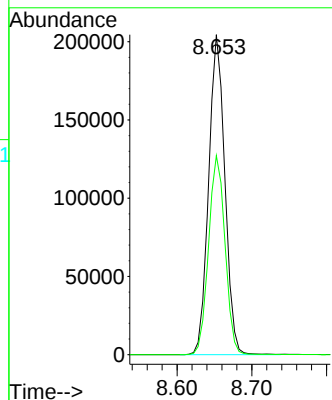
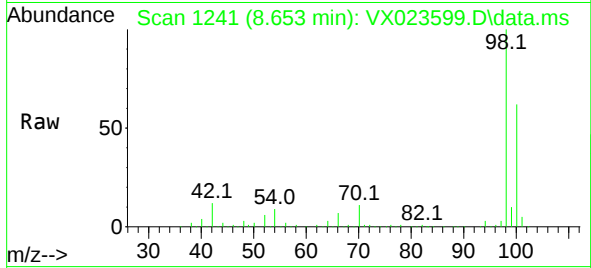




#50
Toluene-d8
Concen: 53.378 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023599.D
Acq: 06 Aug 2021 16:19

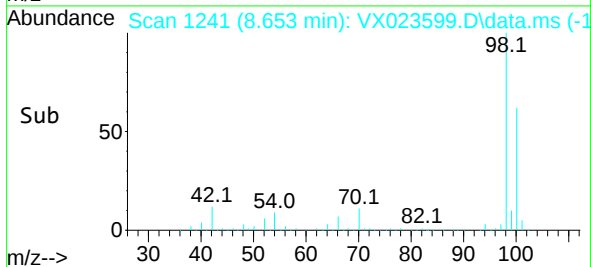
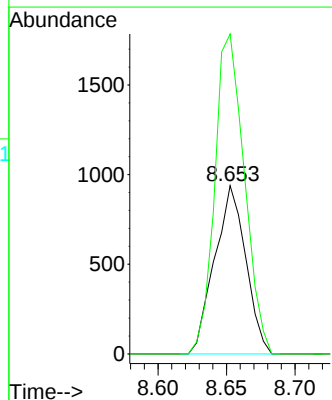
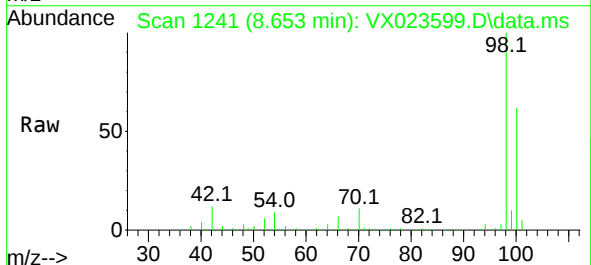
Instrument :
MSVOA_X
ClientSampled :

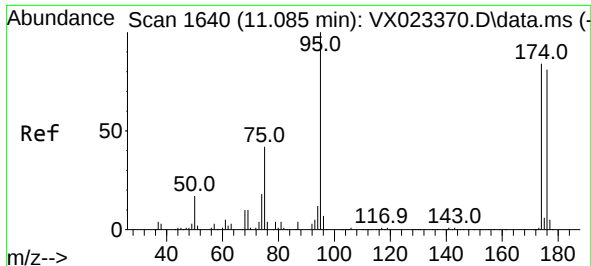
Tgt Ion: 98 Resp: 308189
Ion Ratio Lower Upper
98 100
100 63.2 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.546 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023599.D
Acq: 06 Aug 2021 16:19

Tgt Ion: 43 Resp: 1483
Ion Ratio Lower Upper
43 100
58 180.8 35.4 53.0#

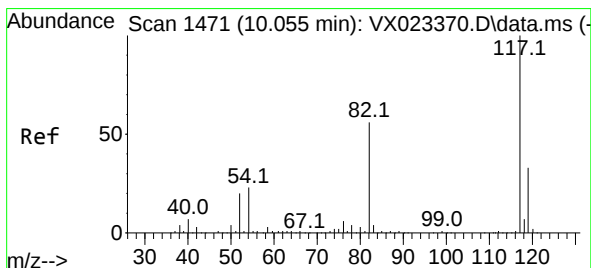
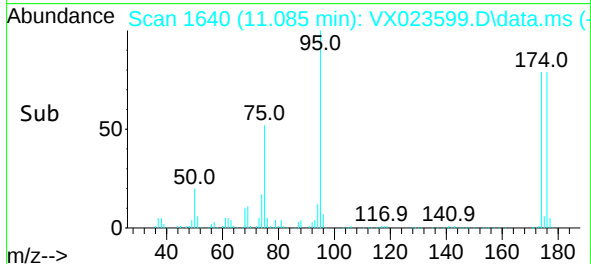
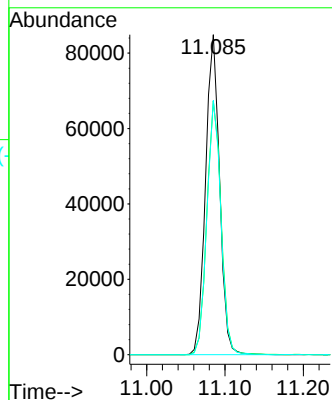
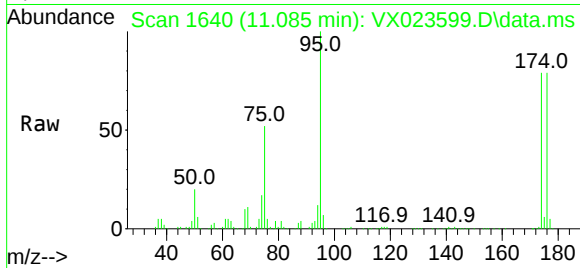




#62
4-Bromofluorobenzene
Concen: 53.479 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023599.D
Acq: 06 Aug 2021 16:19

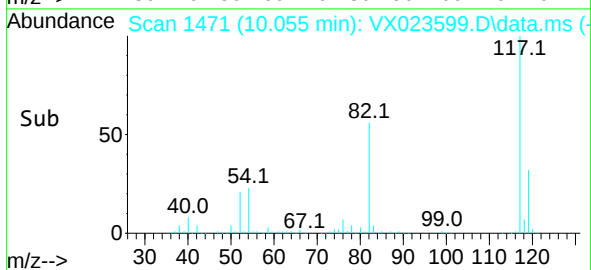
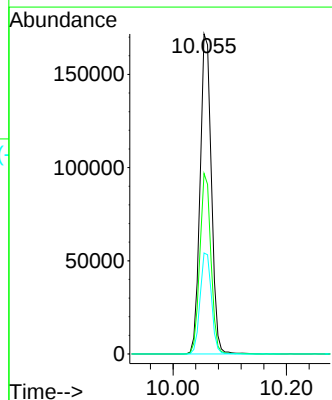
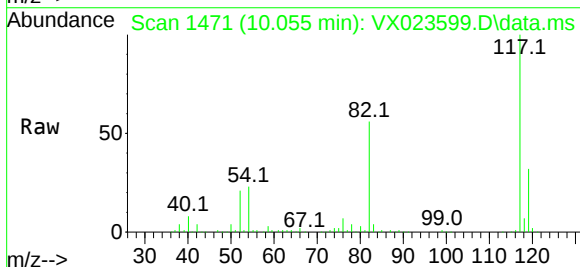
Instrument :
MSVOA_X
ClientSampleId :

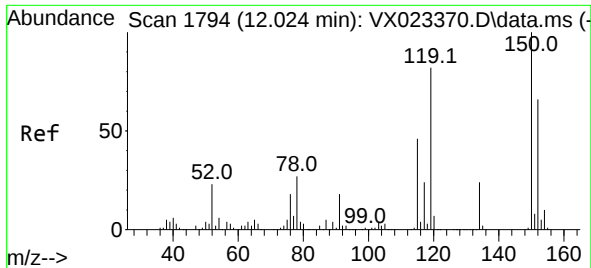
Tgt Ion: 95 Resp: 104996
Ion Ratio Lower Upper
95 100
174 80.6 0.0 154.6
176 79.4 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX023599.D
Acq: 06 Aug 2021 16:19

Tgt Ion: 117 Resp: 236527
Ion Ratio Lower Upper
117 100
82 56.4 47.4 71.2
119 31.6 26.6 39.8

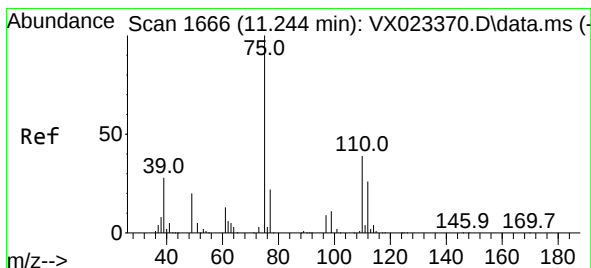
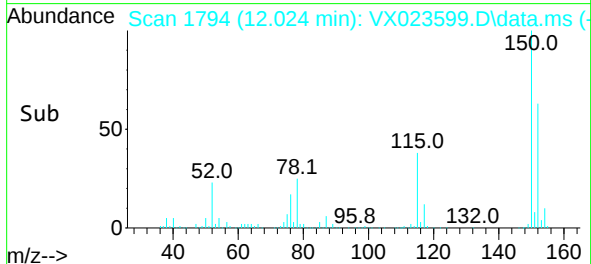
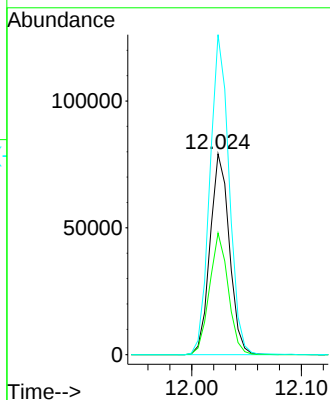
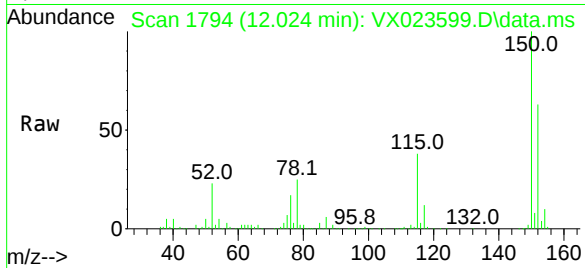




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. -0.000 min
 Lab File: VX023599.D
 Acq: 06 Aug 2021 16:19

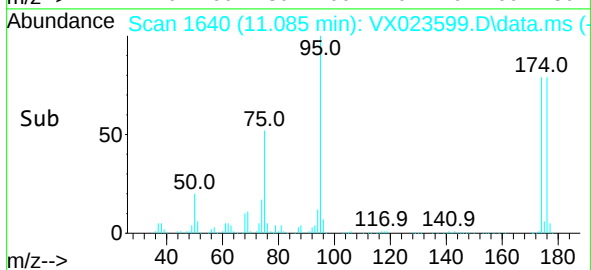
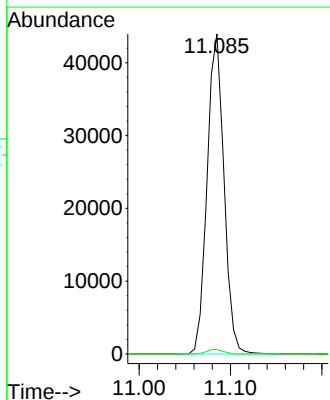
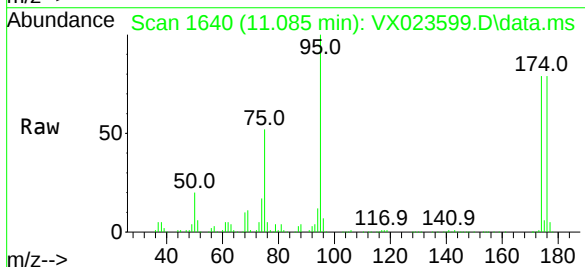
Instrument :
 MSVOA_X
 ClientSampled :

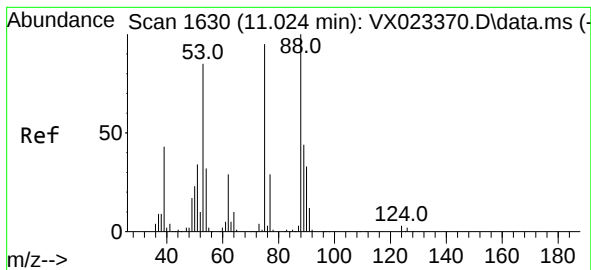
Tgt Ion:152 Resp: 96919
 Ion Ratio Lower Upper
 152 100
 115 58.8 41.1 123.3
 150 158.7 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.281 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023599.D
 Acq: 06 Aug 2021 16:19

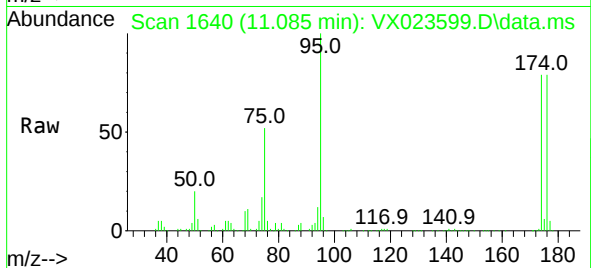
Tgt Ion: 75 Resp: 56052
 Ion Ratio Lower Upper
 75 100
 77 1.4 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.667 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX023599.D
 Acq: 06 Aug 2021 16:19

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	75	Resp:	56052
Ion	Ratio	Lower	Upper
75	100		
53	0.0	74.5	111.7#
89	0.0	37.9	56.9#

