

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080521\
 Data File : VX023574.D
 Acq On : 05 Aug 2021 15:50
 Operator : JC/MD
 Sample : M3297-05 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 121

Quant Time: Aug 06 03:23:53 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)

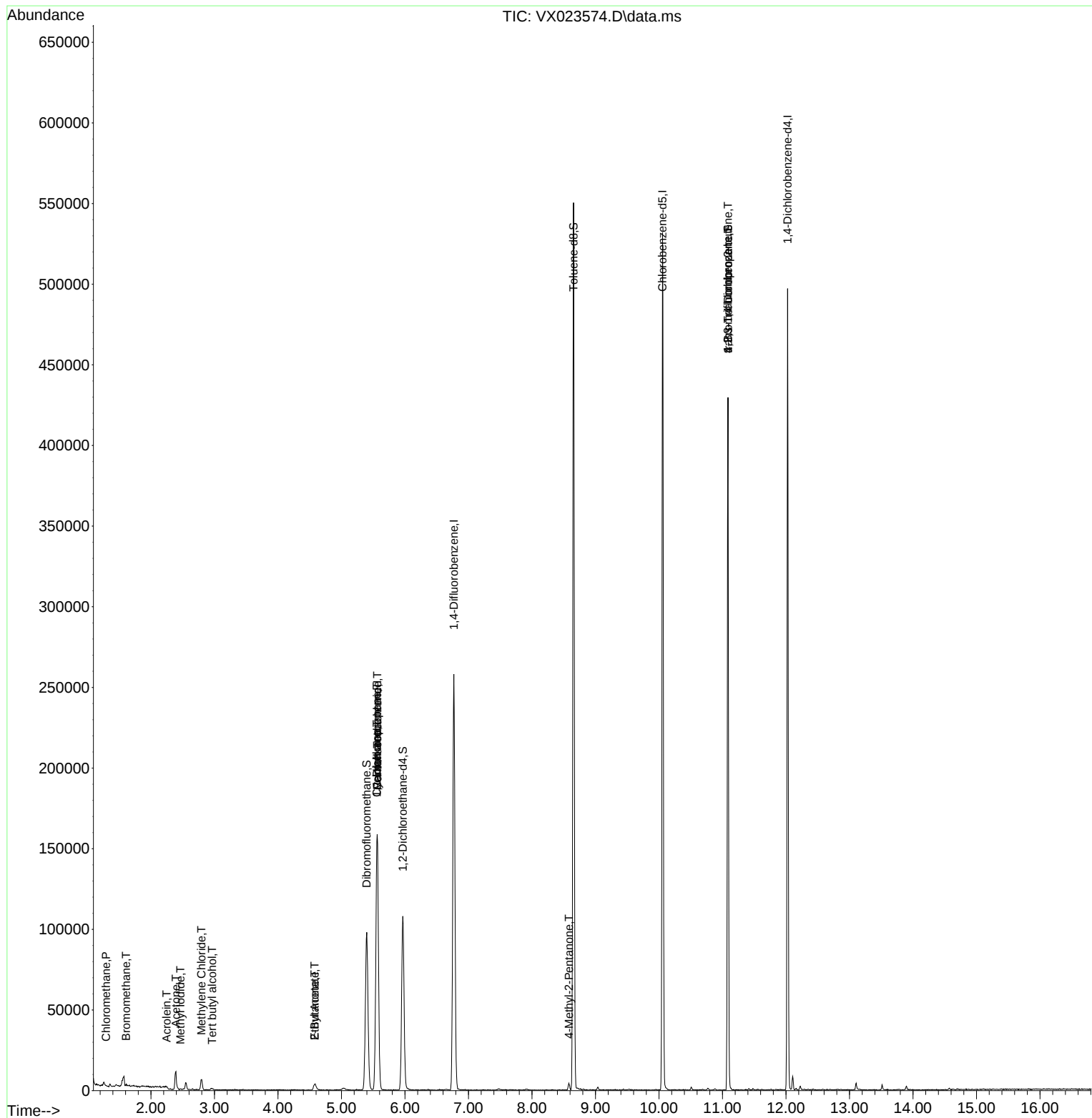
Internal Standards						
1) Pentafluorobenzene	5.562	168	152741	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	257833	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	238601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98238	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	103894	54.529	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery	= 109.060%		
35) Dibromofluoromethane	5.397	113	83078	51.534	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 103.060%		
50) Toluene-d8	8.653	98	314077	53.028	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery	= 106.060%		
62) 4-Bromofluorobenzene	11.085	95	104373	51.824	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery	= 103.640%		
Target Compounds						
						Qvalue
3) Chloromethane	1.295	50	394	0.241	ug/l	94
5) Bromomethane	1.605	94	281	0.286	ug/l	89
10) Methyl Iodide	2.465	142	385	0.203	ug/l #	90
11) Tert butyl alcohol	2.965	59	958	2.201	ug/l #	73
13) Acrolein	2.246	56	67	1.665	ug/l #	1
16) Acetone	2.392	43	12148	12.998	ug/l #	85
20) Methylene Chloride	2.794	84	2967	1.632	ug/l	92
25) 2-Butanone	4.574	43	6372	4.391	ug/l #	88
31) Cyclohexane	5.556	56	3307	1.172	ug/l #	15
36) 1,1-Dichloropropene	5.556	75	11564	4.958	ug/l #	49
37) Ethyl Acetate	4.574	43	6372	2.167	ug/l #	64
38) Carbon Tetrachloride	5.562	117	15594	6.574	ug/l #	16
51) 4-Methyl-2-Pentanone	8.580	43	2511	0.901	ug/l	92
76) 1,2,3-Trichloropropane	11.085	75	56568	26.167	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	56568	70.360	ug/l #	12

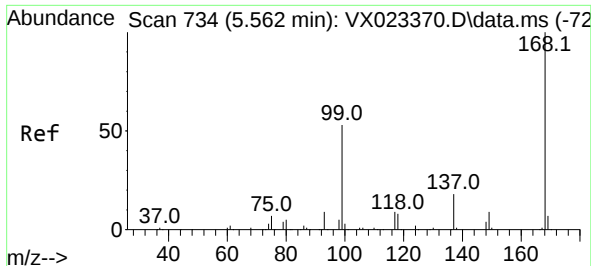
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080521\
Data File : VX023574.D
Acq On : 05 Aug 2021 15:50
Operator : JC/MD
Sample : M3297-05 20X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
121

Quant Time: Aug 06 03:23:53 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

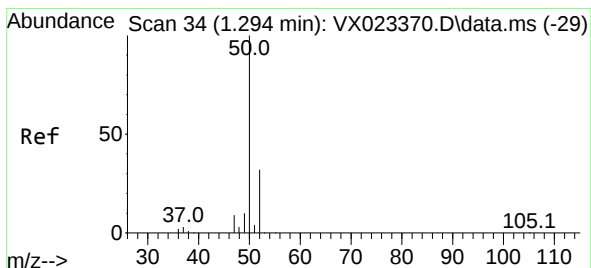
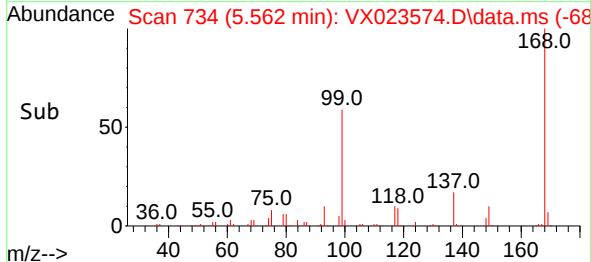
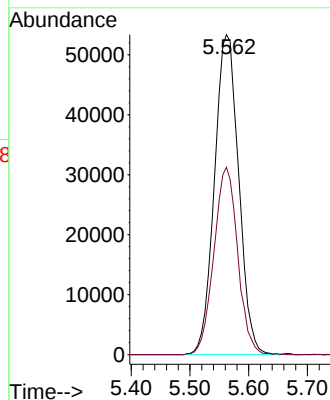
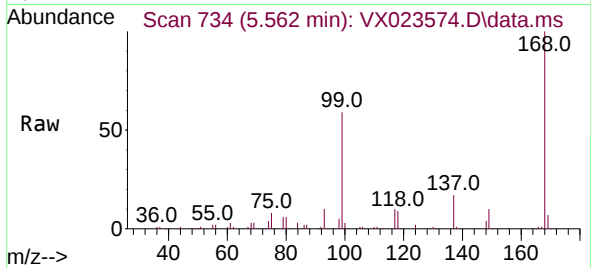




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX023574.D
Acq: 05 Aug 2021 15:50

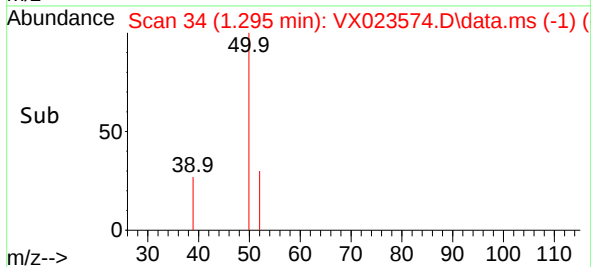
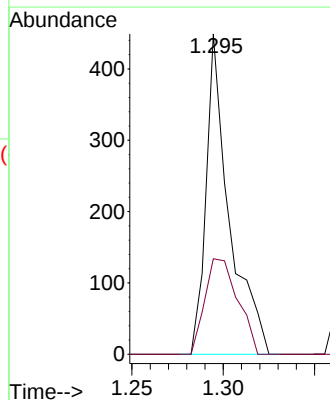
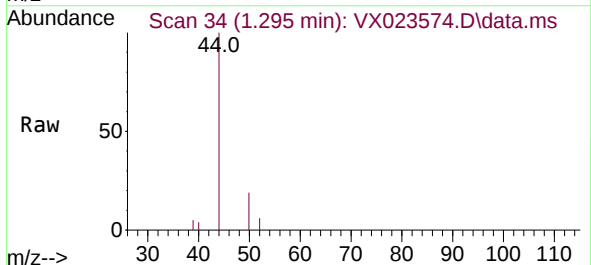
Instrument :
MSVOA_X
ClientSampled :
121

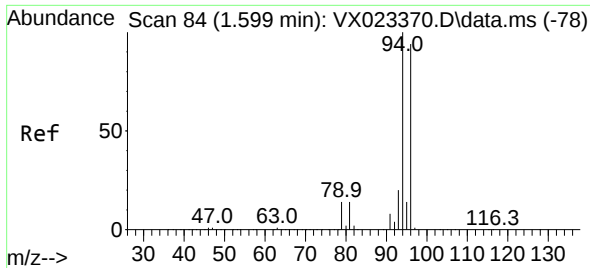
Tgt Ion:168 Resp: 152741
Ion Ratio Lower Upper
168 100
99 58.6 45.8 68.6



#3
Chloromethane
Concen: 0.241 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.001 min
Lab File: VX023574.D
Acq: 05 Aug 2021 15:50

Tgt Ion: 50 Resp: 394
Ion Ratio Lower Upper
50 100
52 29.8 26.4 39.6

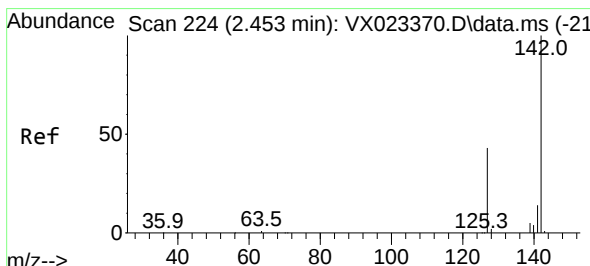
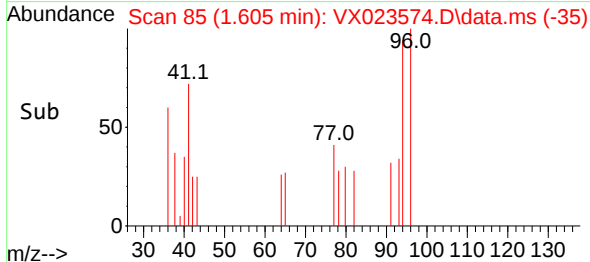
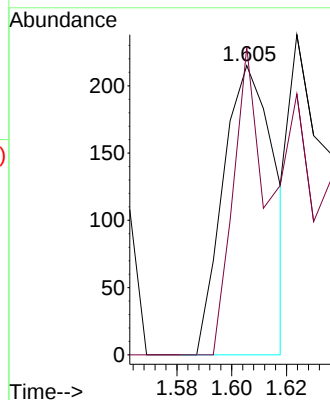
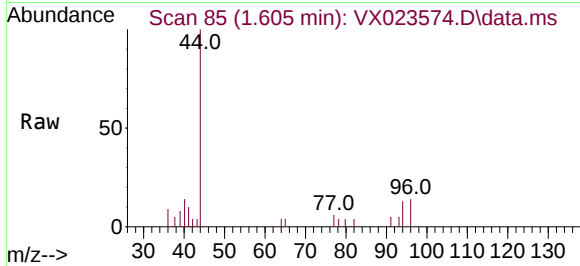




#5
Bromomethane
Concen: 0.286 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX023574.D
Acq: 05 Aug 2021 15:50

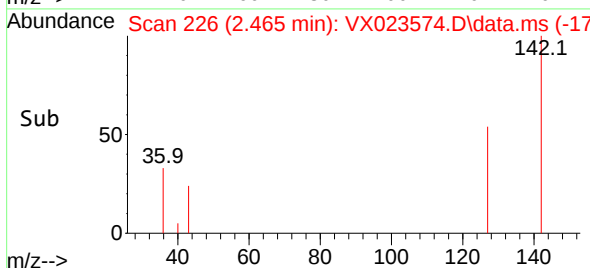
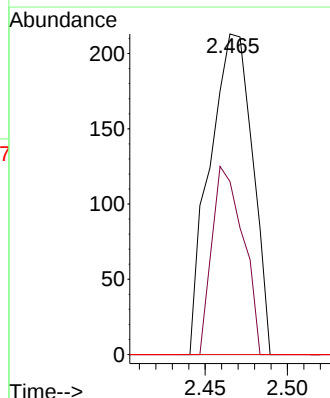
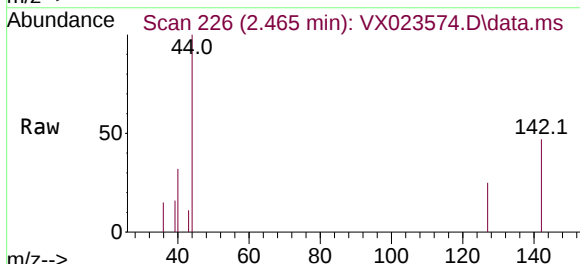
Instrument :
MSVOA_X
ClientSampled :
121

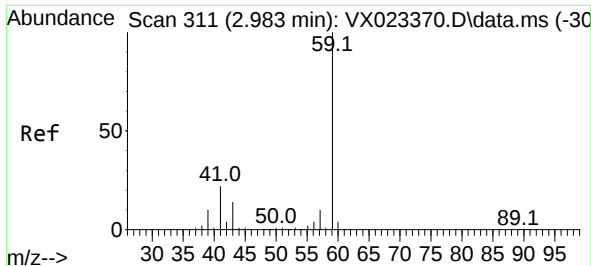
Tgt Ion: 94 Resp: 281
Ion Ratio Lower Upper
94 100
96 106.5 76.4 114.6



#10
Methyl Iodide
Concen: 0.203 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023574.D
Acq: 05 Aug 2021 15:50

Tgt Ion: 142 Resp: 385
Ion Ratio Lower Upper
142 100
127 42.9 33.3 49.9
141 0.0 11.4 17.0#



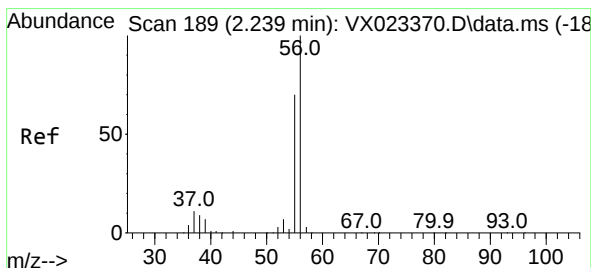
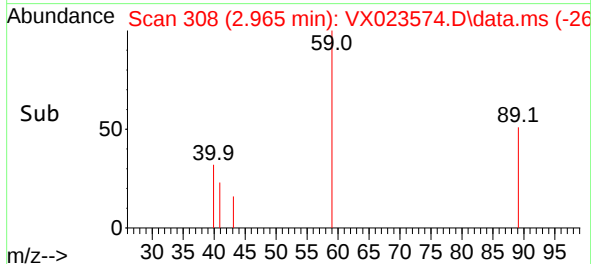
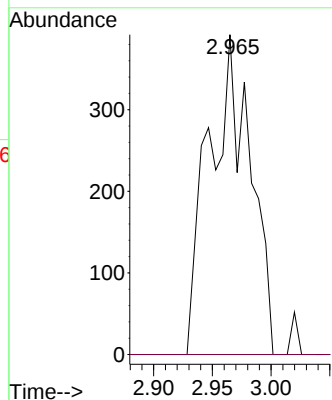
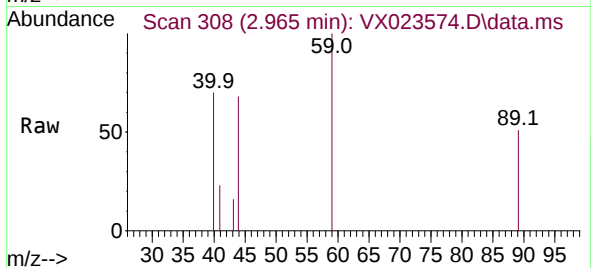


#11

Tert butyl alcohol
Concen: 2.201 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.018 min
Lab File: VX023574.D
Acq: 05 Aug 2021 15:50

Instrument :
MSVOA_X
ClientSampled :
121

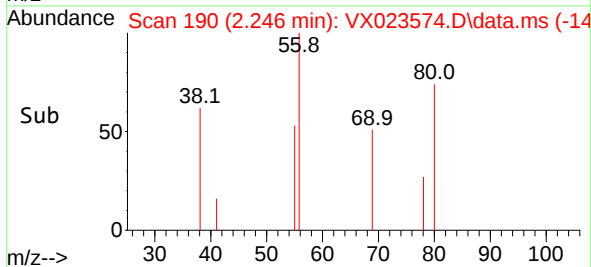
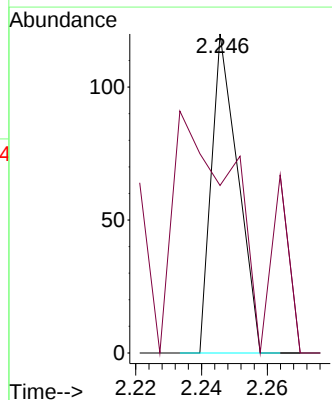
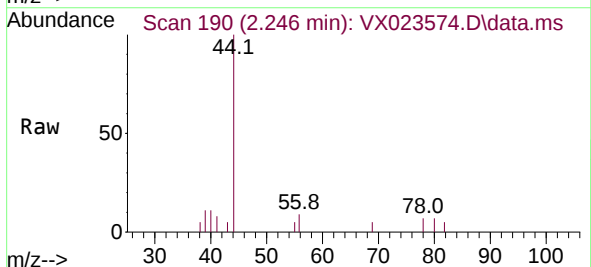
Tgt Ion: 59 Resp: 958
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

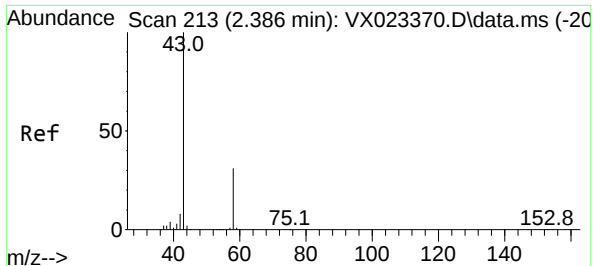


#13

Acrolein
Concen: 1.665 ug/l
RT: 2.246 min Scan# 190
Delta R.T. 0.007 min
Lab File: VX023574.D
Acq: 05 Aug 2021 15:50

Tgt Ion: 56 Resp: 67
Ion Ratio Lower Upper
56 100
55 201.5 56.4 84.6#

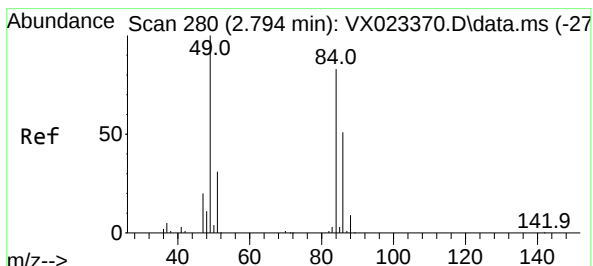
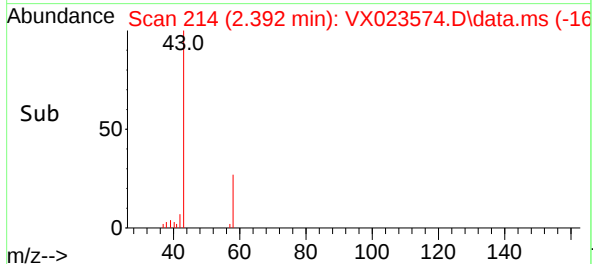
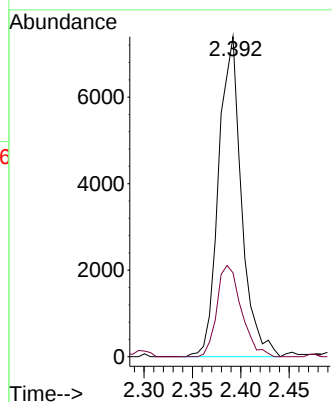
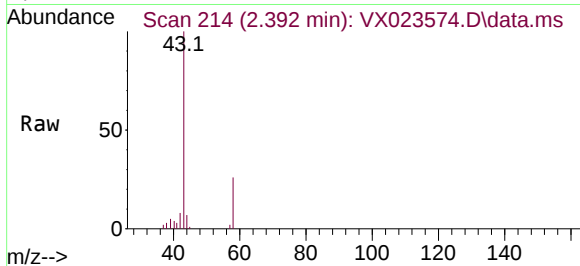




#16
Acetone
Concen: 12.998 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX023574.D
Acq: 05 Aug 2021 15:50

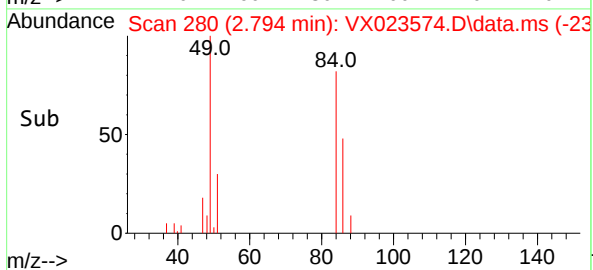
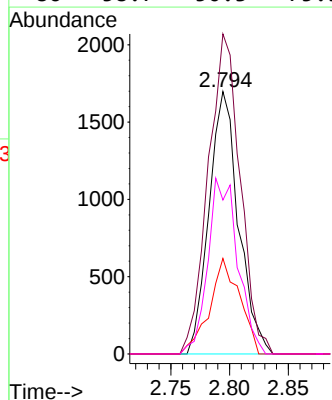
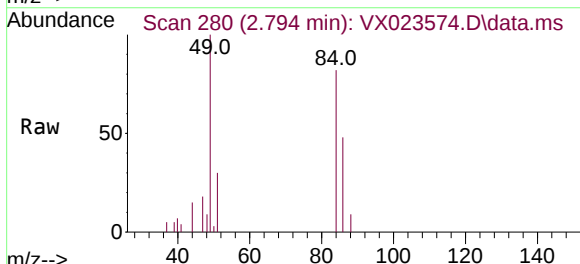
Instrument :
MSVOA_X
ClientSampled :
121

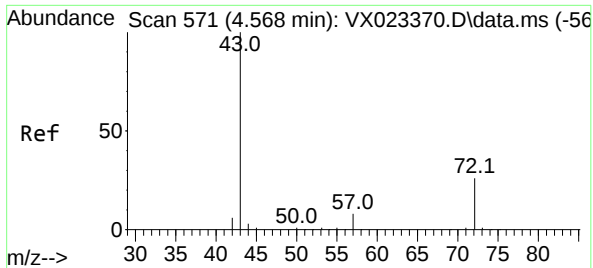
Tgt Ion: 43 Resp: 12148
Ion Ratio Lower Upper
43 100
58 26.2 27.8 41.8#



#20
Methylene Chloride
Concen: 1.632 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023574.D
Acq: 05 Aug 2021 15:50

Tgt Ion: 84 Resp: 2967
Ion Ratio Lower Upper
84 100
49 122.0 88.6 132.8
51 36.4 27.0 40.6
86 58.7 50.3 75.5

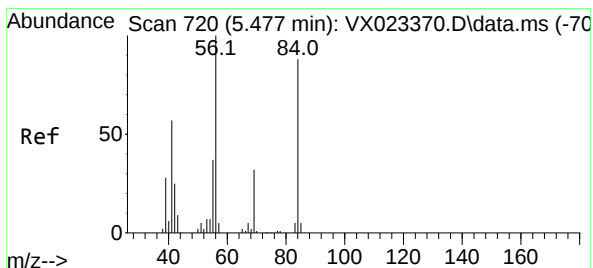
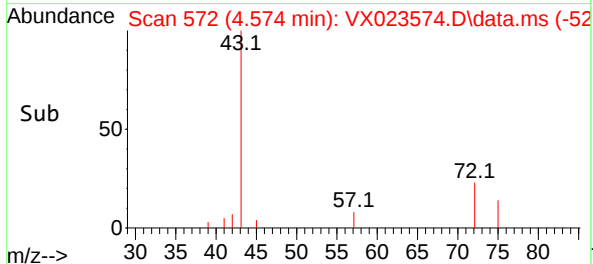
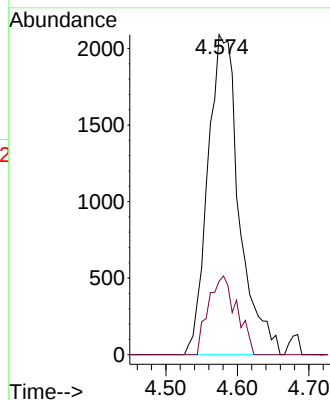
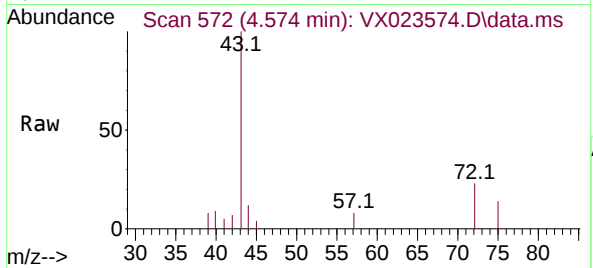




#25
2-Butanone
Concen: 4.391 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX023574.D
Acq: 05 Aug 2021 15:50

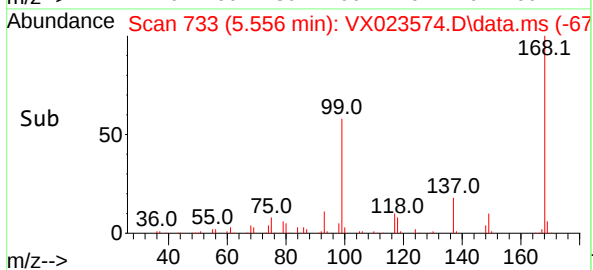
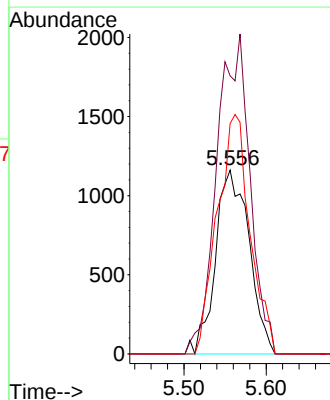
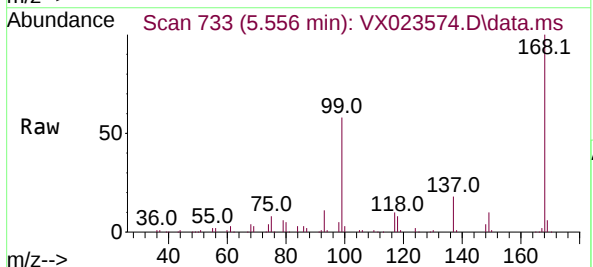
Instrument :
MSVOA_X
ClientSampled :
121

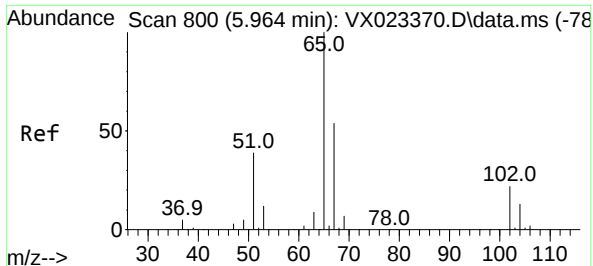
Tgt Ion: 43 Resp: 6372
Ion Ratio Lower Upper
43 100
72 22.9 23.7 35.5#



#31
Cyclohexane
Concen: 1.172 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023574.D
Acq: 05 Aug 2021 15:50

Tgt Ion: 56 Resp: 3307
Ion Ratio Lower Upper
56 100
69 151.2 25.3 37.9#
84 125.3 71.4 107.0#



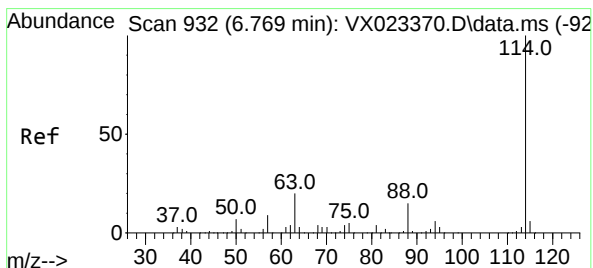
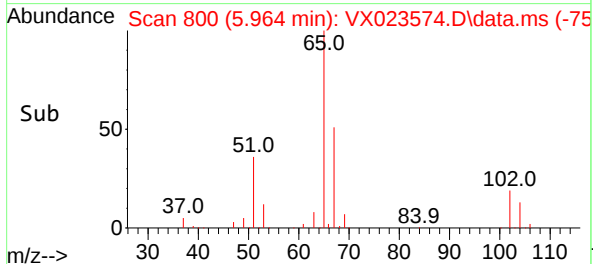
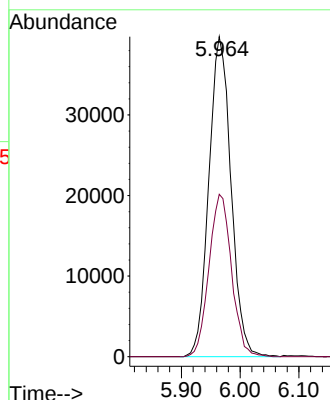
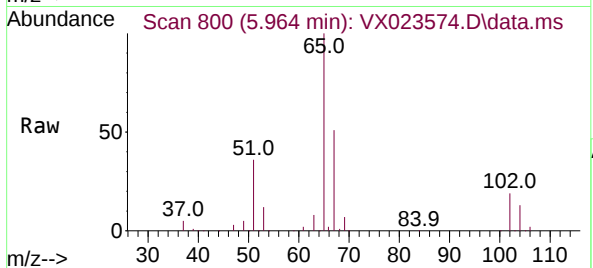


#33

1,2-Dichloroethane-d4
Concen: 54.529 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023574.D
Acq: 05 Aug 2021 15:50

Instrument :
MSVOA_X
ClientSampled :
121

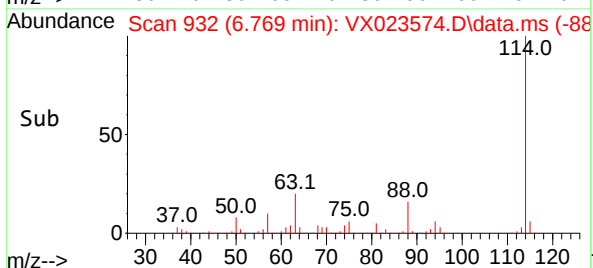
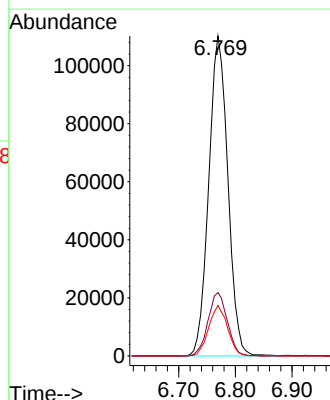
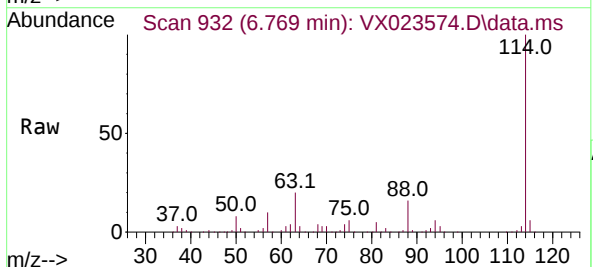
Tgt Ion: 65 Resp: 103894
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.4

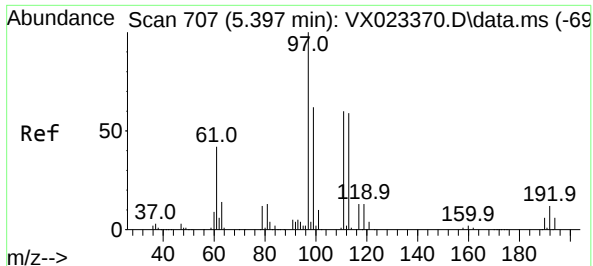


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023574.D
Acq: 05 Aug 2021 15:50

Tgt Ion: 114 Resp: 257833
Ion Ratio Lower Upper
114 100
63 19.8 0.0 40.8
88 15.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.534 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX023574.D

Acq: 05 Aug 2021 15:50

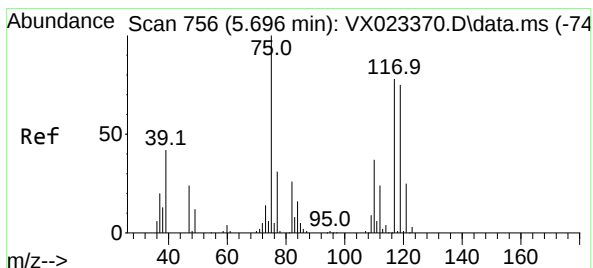
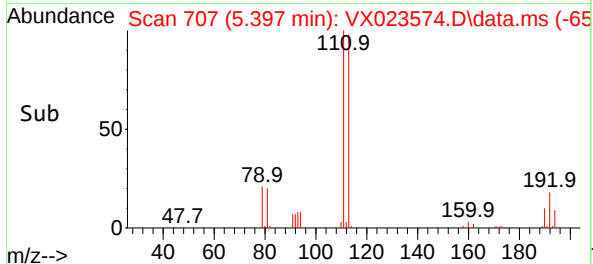
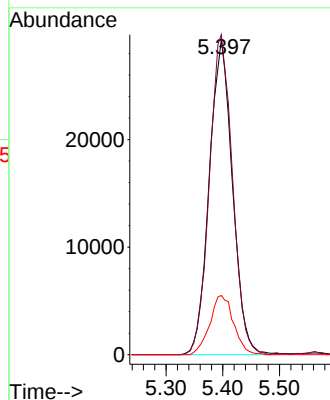
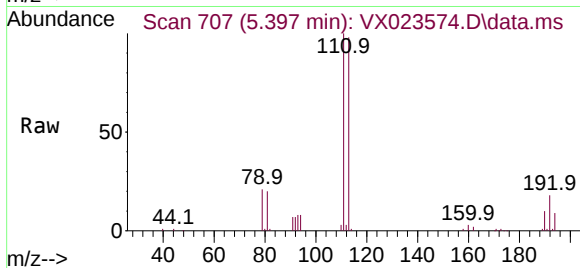
Tgt Ion:113 Resp: 83078

Ion Ratio Lower Upper

113 100

111 101.5 81.9 122.9

192 19.3 16.7 25.1



#36

1,1-Dichloropropene

Concen: 4.958 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.140 min

Lab File: VX023574.D

Acq: 05 Aug 2021 15:50

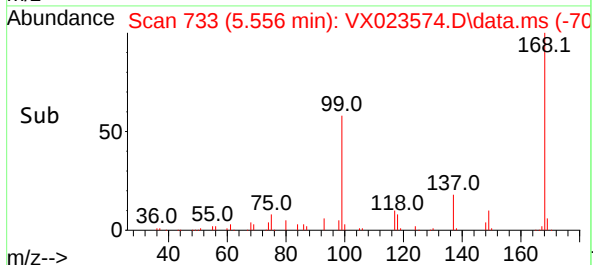
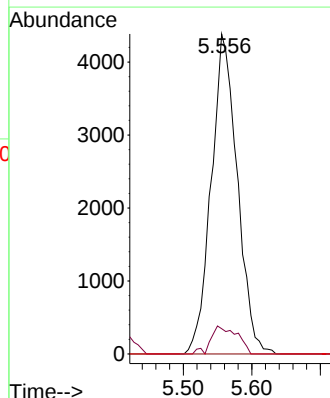
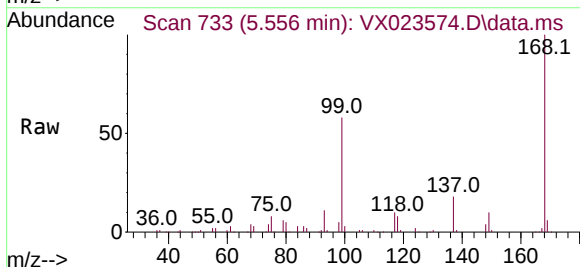
Tgt Ion: 75 Resp: 11564

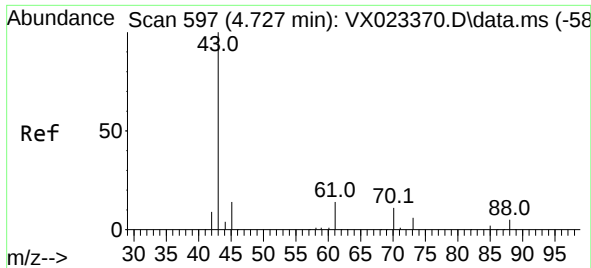
Ion Ratio Lower Upper

75 100

110 8.8 18.1 54.4#

77 0.0 25.3 37.9#

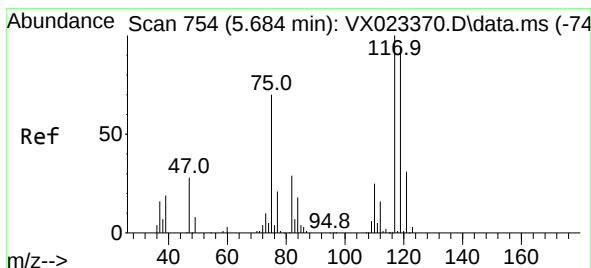
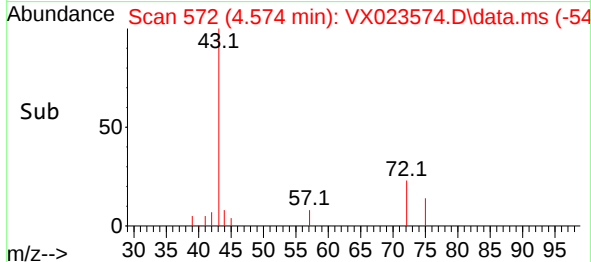
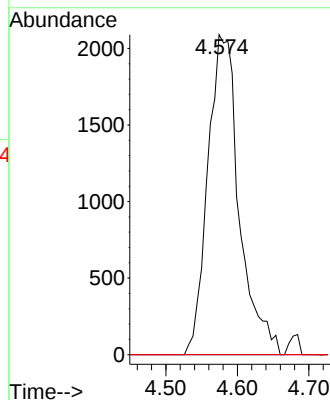
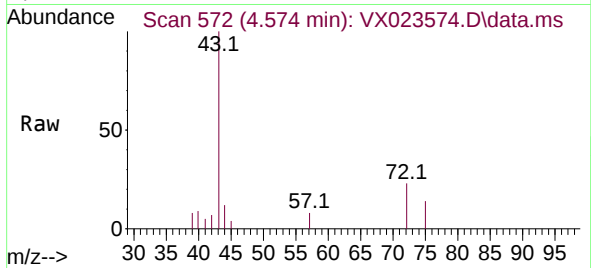




#37
Ethyl Acetate
Concen: 2.167 ug/l
RT: 4.574 min Scan# 572
Delta R.T. -0.153 min
Lab File: VX023574.D
Acq: 05 Aug 2021 15:50

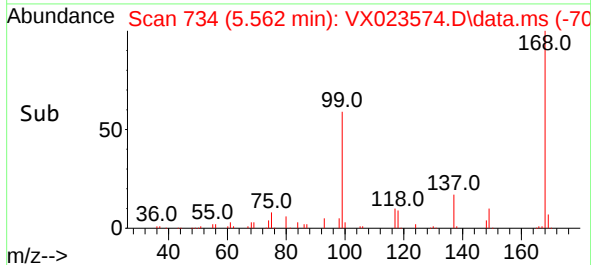
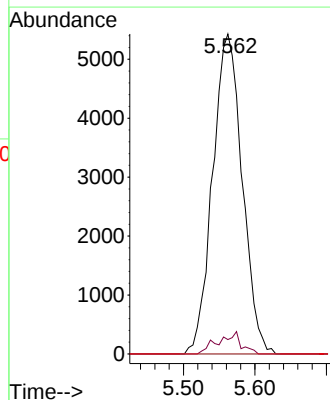
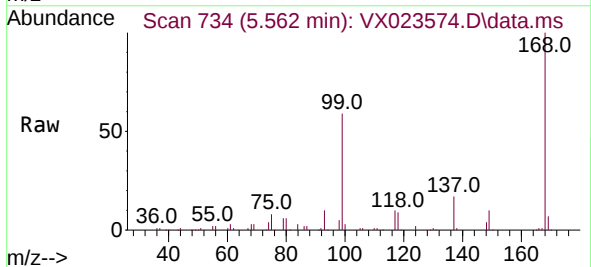
Instrument :
MSVOA_X
ClientSampleId :
121

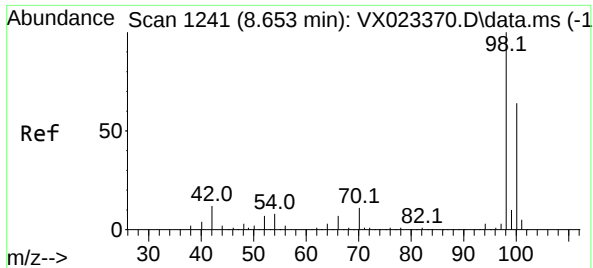
Tgt Ion:	43	Resp:	6372
Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.8	19.2#
70	0.0	10.5	15.7#



#38
Carbon Tetrachloride
Concen: 6.574 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023574.D
Acq: 05 Aug 2021 15:50

Tgt Ion:	117	Resp:	15594
Ion	Ratio	Lower	Upper
117	100		
119	4.5	76.2	114.2#
121	0.0	24.8	37.2#

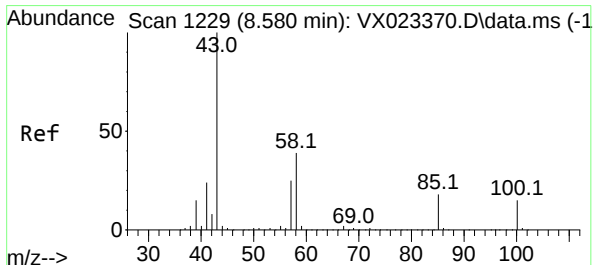
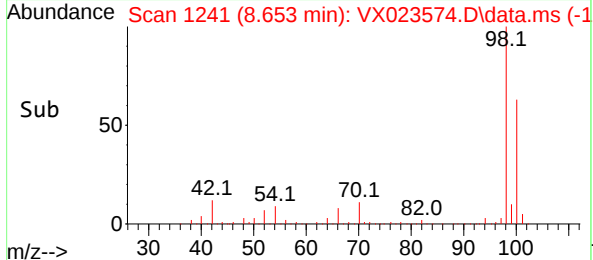
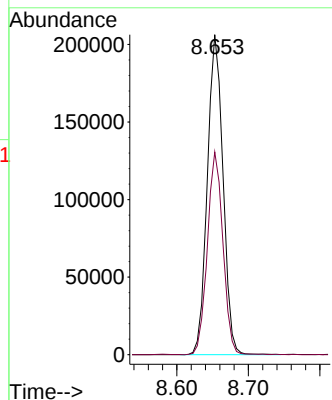
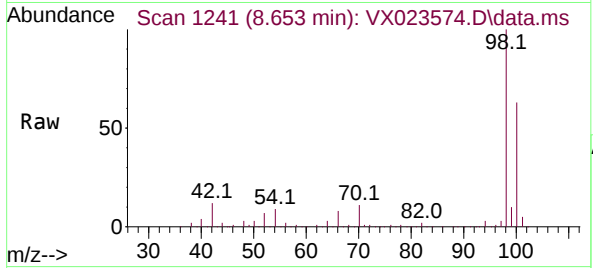




#50
Toluene-d8
Concen: 53.028 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023574.D
Acq: 05 Aug 2021 15:50

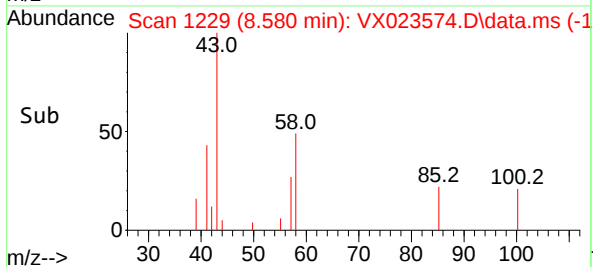
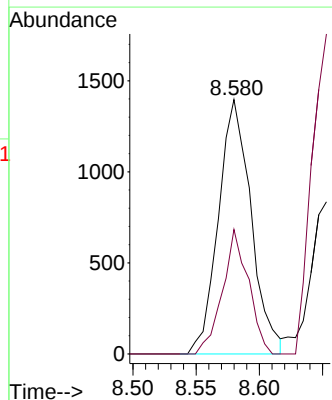
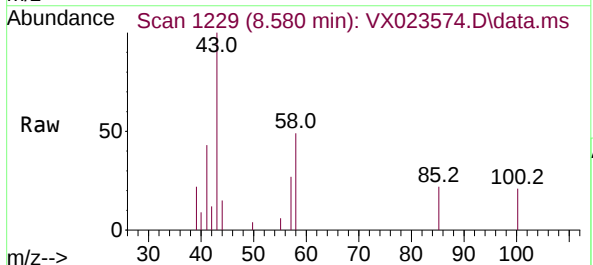
Instrument :
MSVOA_X
ClientSampled :
121

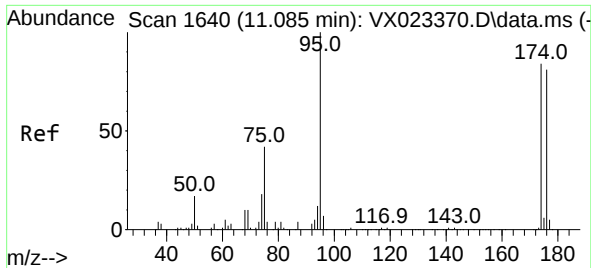
Tgt Ion: 98 Resp: 314077
Ion Ratio Lower Upper
98 100
100 62.9 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.901 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX023574.D
Acq: 05 Aug 2021 15:50

Tgt Ion: 43 Resp: 2511
Ion Ratio Lower Upper
43 100
58 38.8 35.4 53.0

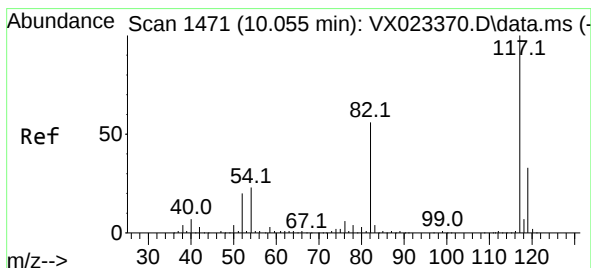
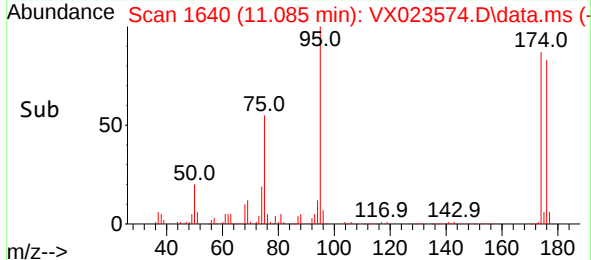
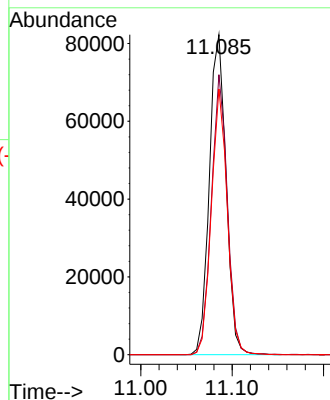
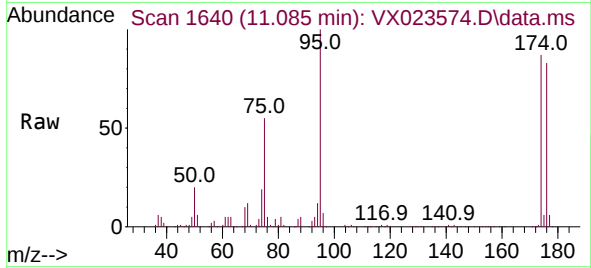




#62
4-Bromofluorobenzene
Concen: 51.824 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023574.D
Acq: 05 Aug 2021 15:50

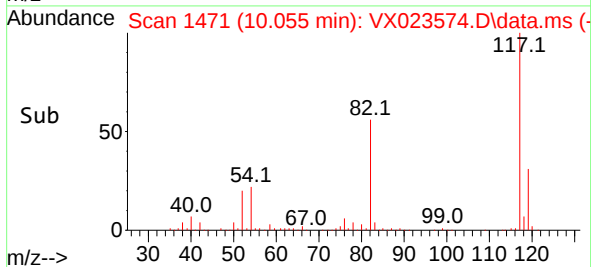
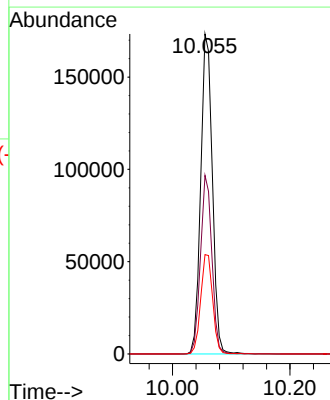
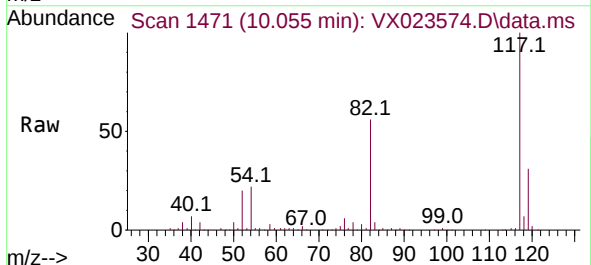
Instrument :
MSVOA_X
ClientSampled :
121

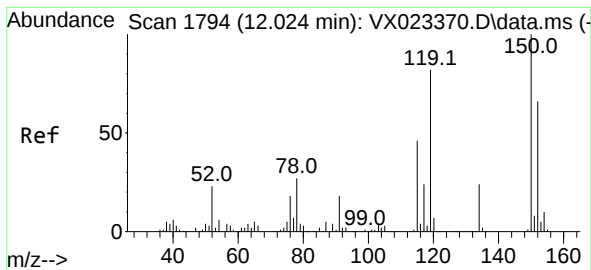
Tgt Ion: 95 Resp: 104373
Ion Ratio Lower Upper
95 100
174 83.8 0.0 154.6
176 79.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023574.D
Acq: 05 Aug 2021 15:50

Tgt Ion: 117 Resp: 238601
Ion Ratio Lower Upper
117 100
82 55.8 47.4 71.2
119 31.1 26.6 39.8

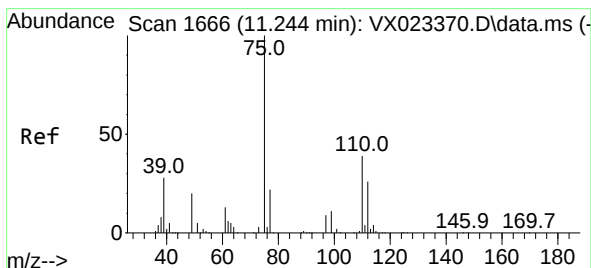
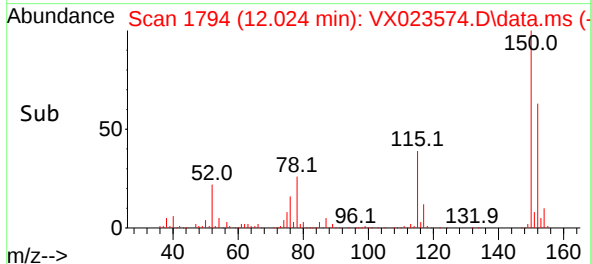
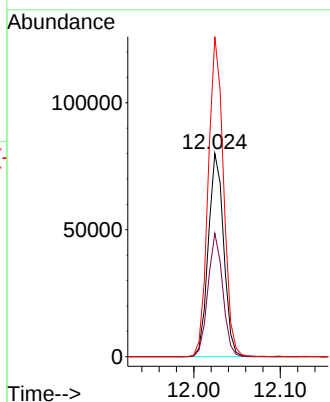
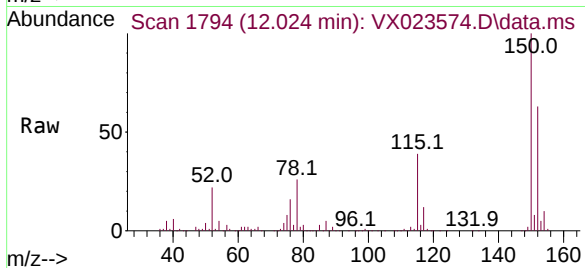




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX023574.D
 Acq: 05 Aug 2021 15:50

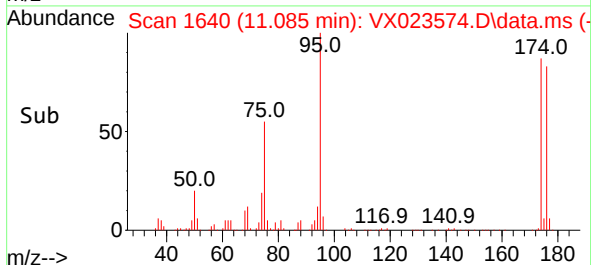
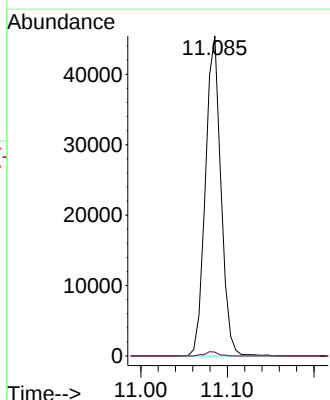
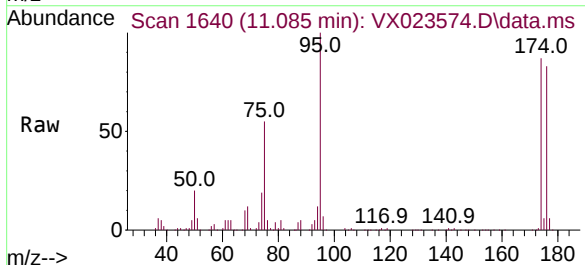
Instrument :
 MSVOA_X
 ClientSampled :
 121

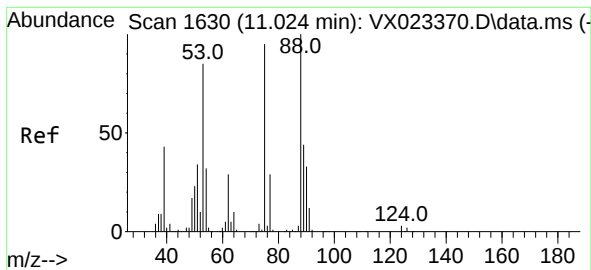
Tgt Ion:152 Resp: 98238
 Ion Ratio Lower Upper
 152 100
 115 58.6 41.1 123.3
 150 157.1 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 26.167 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX023574.D
 Acq: 05 Aug 2021 15:50

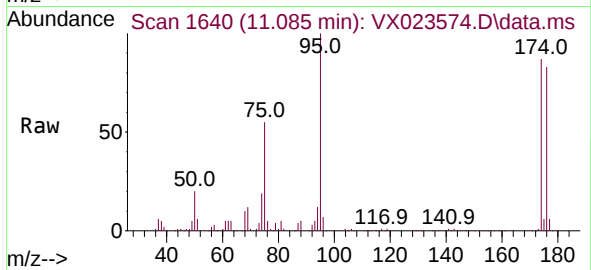
Tgt Ion: 75 Resp: 56568
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.360 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX023574.D
 Acq: 05 Aug 2021 15:50

Instrument :
 MSVOA_X
 ClientSampleId :
 121



Tgt Ion: 75 Resp: 56568
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

