

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080521\
 Data File : VX023567.D
 Acq On : 05 Aug 2021 13:05
 Operator : JC/MD
 Sample : M3297-05 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 121

Quant Time: Aug 06 03:22:39 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)

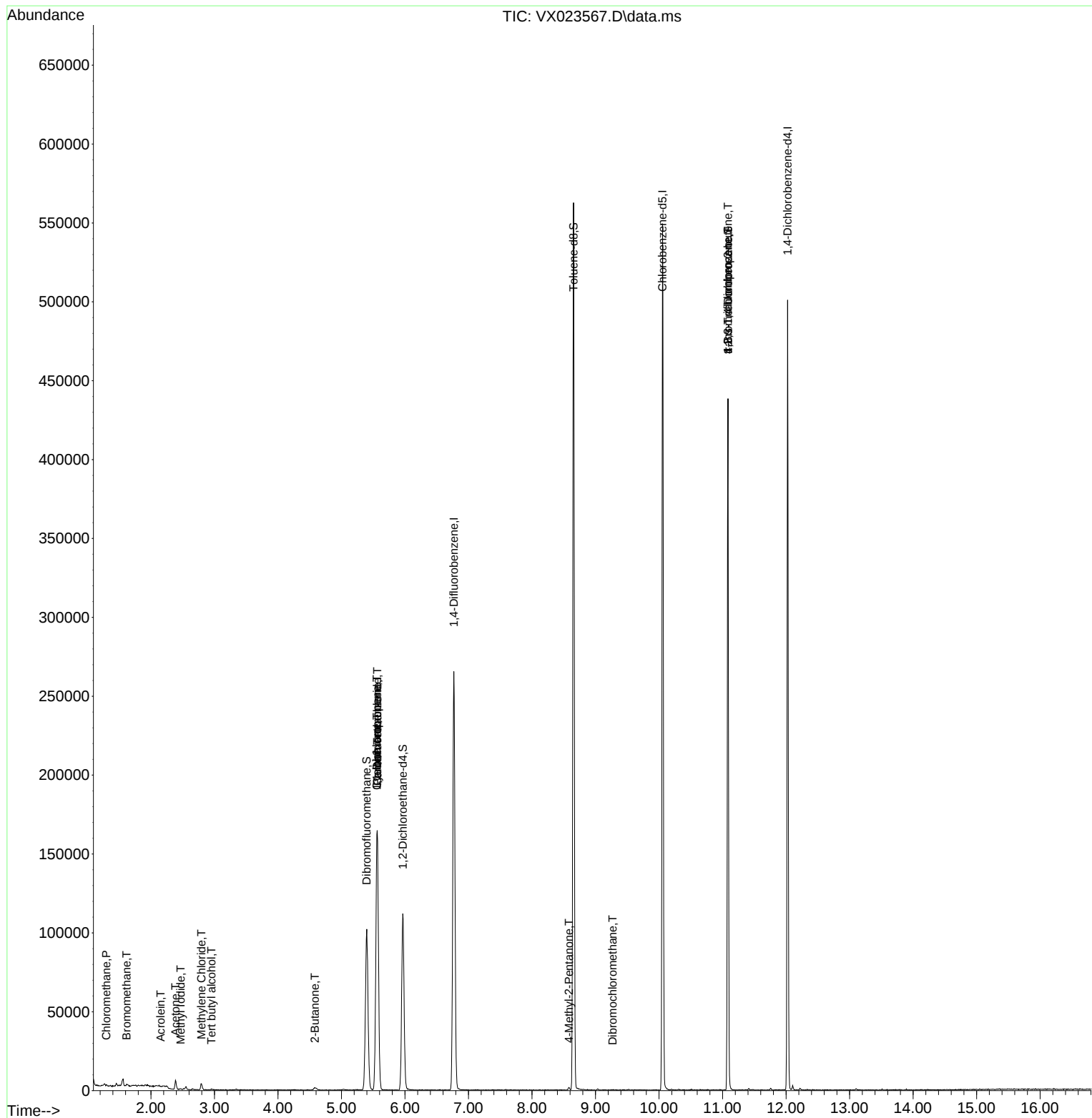
Internal Standards						
1) Pentafluorobenzene	5.562	168	159018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	268144	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	246373	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98253	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	106665	53.773	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.540%	
35) Dibromofluoromethane	5.397	113	85781	51.165	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.340%	
50) Toluene-d8	8.653	98	325741	52.883	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 105.760%	
62) 4-Bromofluorobenzene	11.085	95	108200	51.658	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.320%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	343	0.201	ug/l #	87
5) Bromomethane	1.617	94	447	0.436	ug/l	83
10) Methyl Iodide	2.465	142	704	0.357	ug/l #	89
11) Tert butyl alcohol	2.953	59	171	0.377	ug/l #	73
13) Acrolein	2.154	56	19	1.446	ug/l #	1
16) Acetone	2.386	43	5719	5.877	ug/l	95
20) Methylene Chloride	2.794	84	1661	0.878	ug/l #	82
25) 2-Butanone	4.580	43	2399	1.588	ug/l	97
31) Cyclohexane	5.556	56	3392	1.154	ug/l #	34
36) 1,1-Dichloropropene	5.556	75	12312	5.076	ug/l #	50
38) Carbon Tetrachloride	5.562	117	15712	6.369	ug/l #	15
51) 4-Methyl-2-Pentanone	8.580	43	1104	0.381	ug/l	88
60) Dibromochloromethane	9.269	129	21	1.993	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	56278	26.029	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	56278	69.989	ug/l #	12

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

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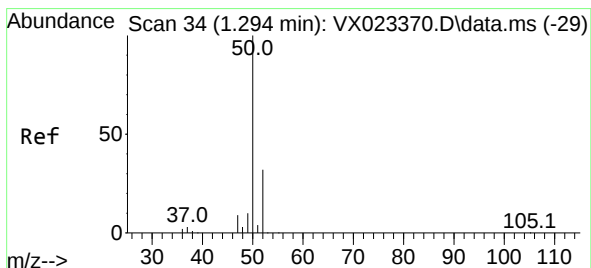
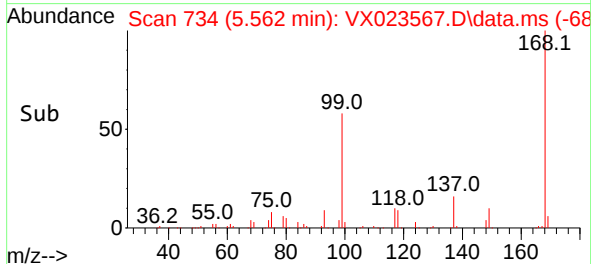
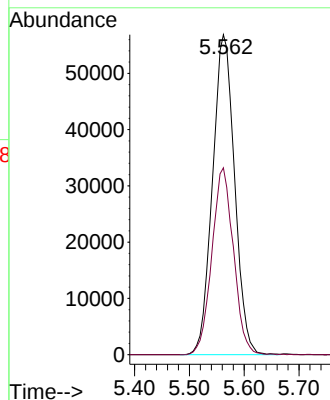
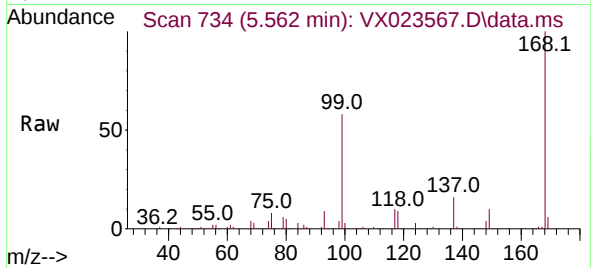




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023567.D
Acq: 05 Aug 2021 13:05

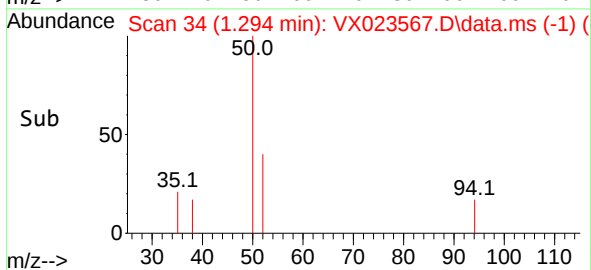
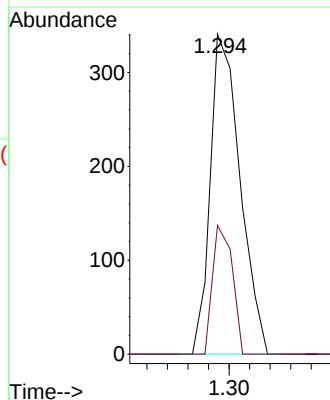
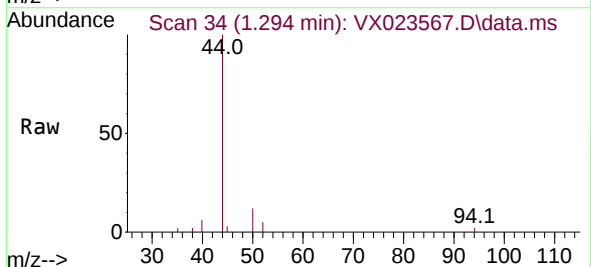
Instrument :
MSVOA_X
ClientSampleId :
121

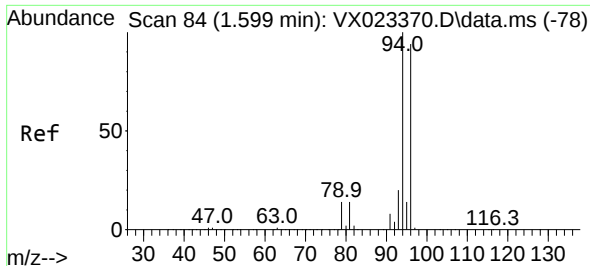
Tgt Ion:168 Resp: 159018
Ion Ratio Lower Upper
168 100
99 58.4 45.8 68.6



#3
Chloromethane
Concen: 0.201 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023567.D
Acq: 05 Aug 2021 13:05

Tgt Ion: 50 Resp: 343
Ion Ratio Lower Upper
50 100
52 40.2 26.4 39.6#

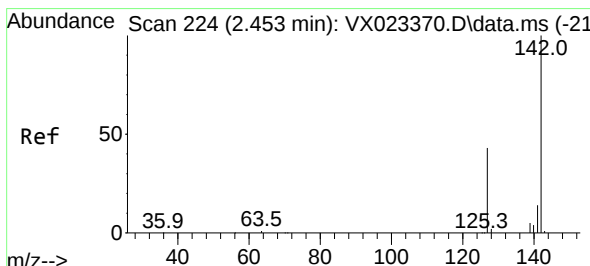
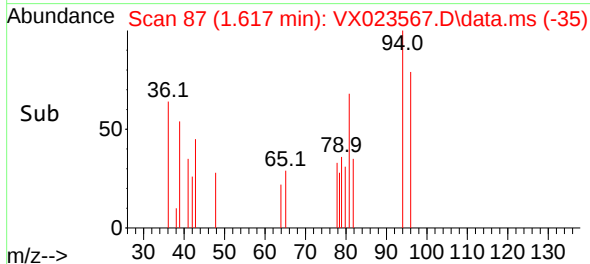
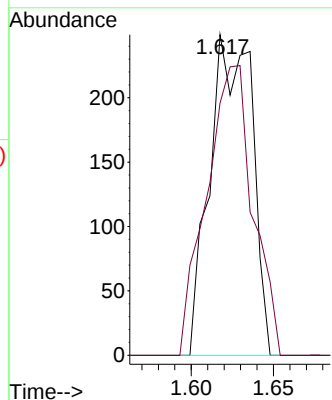
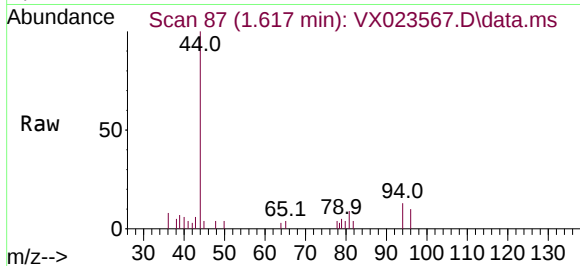




#5
Bromomethane
Concen: 0.436 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX023567.D
Acq: 05 Aug 2021 13:05

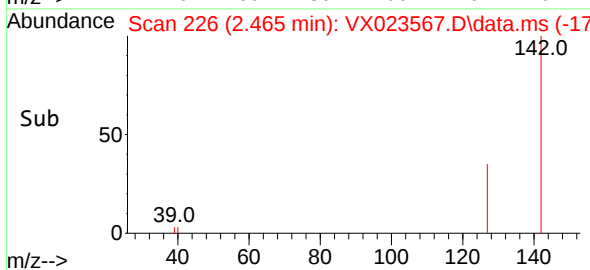
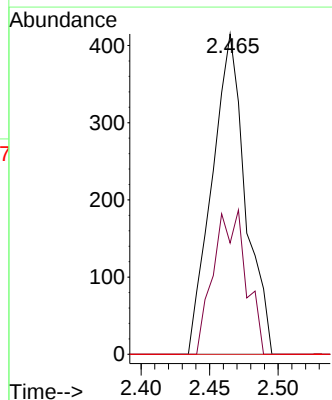
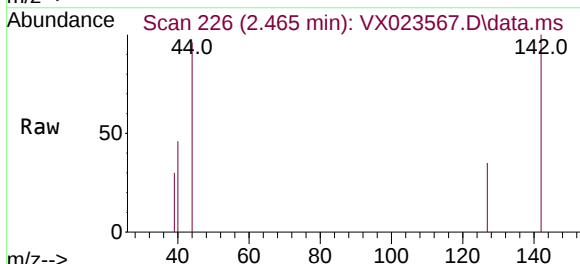
Instrument :
MSVOA_X
ClientSampled :
121

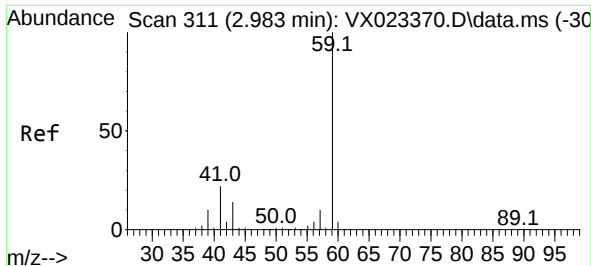
Tgt Ion: 94 Resp: 447
Ion Ratio Lower Upper
94 100
96 78.7 76.4 114.6



#10
Methyl Iodide
Concen: 0.357 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023567.D
Acq: 05 Aug 2021 13:05

Tgt Ion: 142 Resp: 704
Ion Ratio Lower Upper
142 100
127 43.8 33.3 49.9
141 0.0 11.4 17.0#



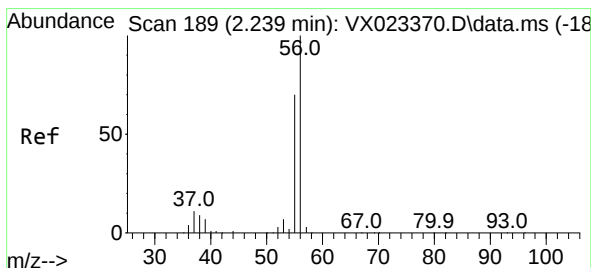
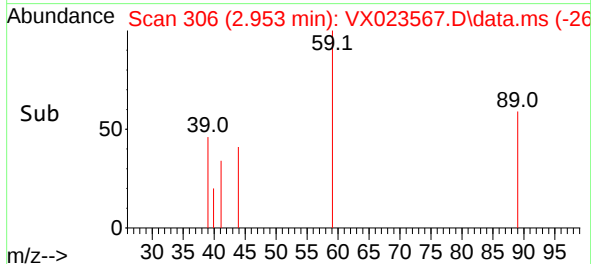
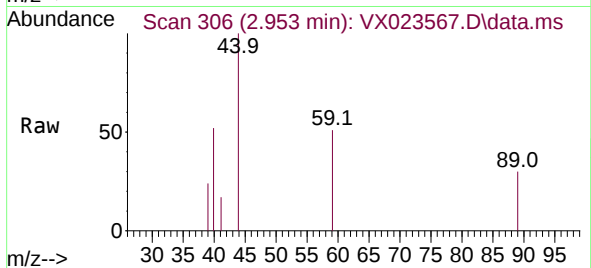


#11

Tert butyl alcohol
Concen: 0.377 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX023567.D
Acq: 05 Aug 2021 13:05

Instrument :
MSVOA_X
ClientSampled :
121

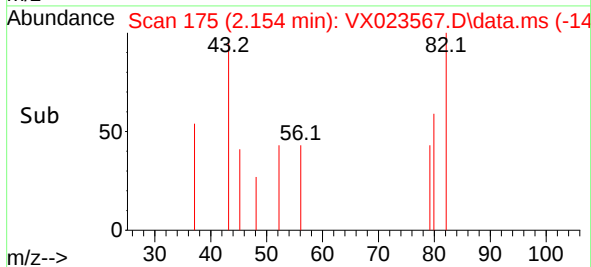
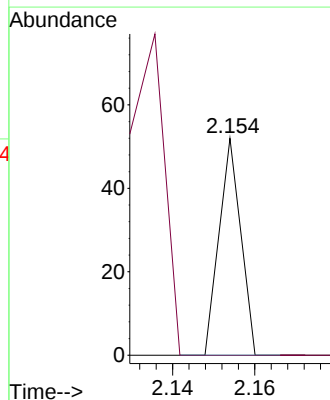
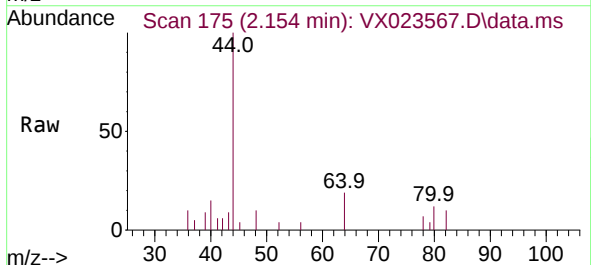
Tgt Ion: 59 Resp: 171
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

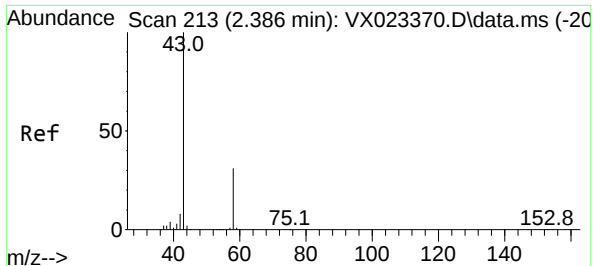


#13

Acrolein
Concen: 1.446 ug/l
RT: 2.154 min Scan# 175
Delta R.T. -0.085 min
Lab File: VX023567.D
Acq: 05 Aug 2021 13:05

Tgt Ion: 56 Resp: 19
Ion Ratio Lower Upper
56 100
55 252.6 56.4 84.6#

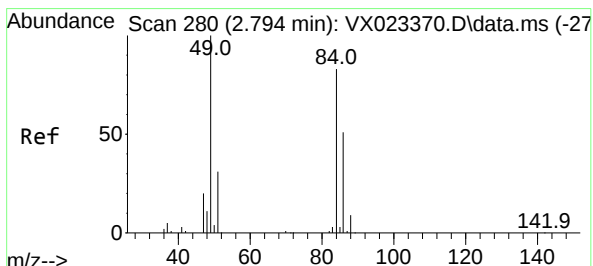
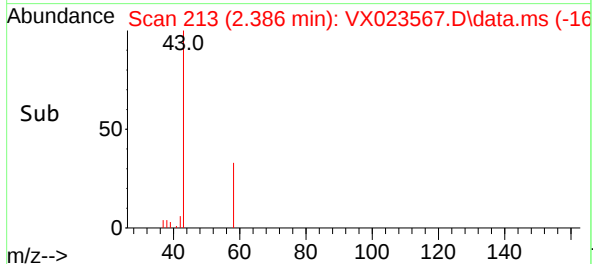
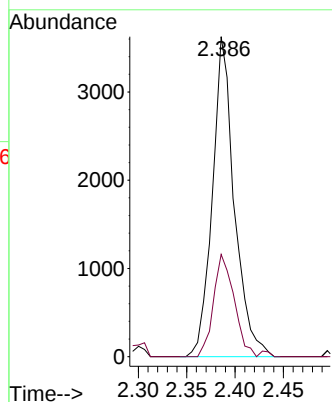
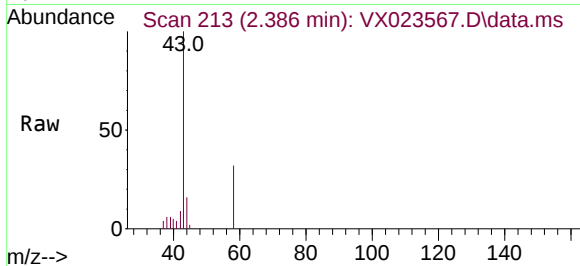




#16
Acetone
Concen: 5.877 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023567.D
Acq: 05 Aug 2021 13:05

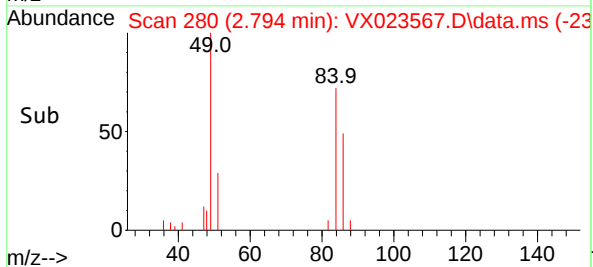
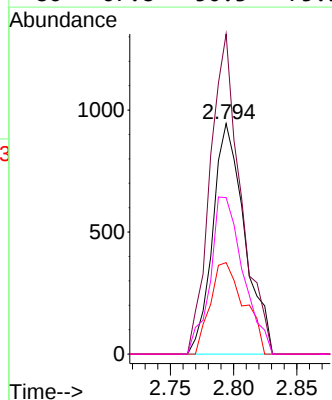
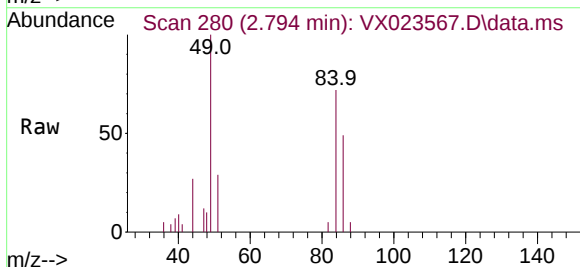
Instrument :
MSVOA_X
ClientSampled :
121

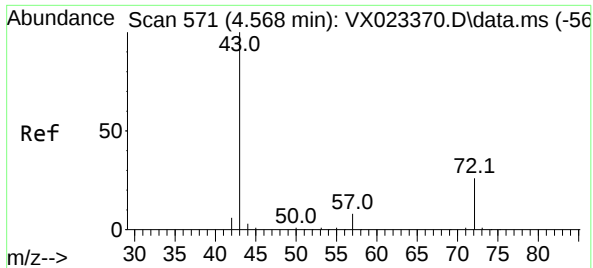
Tgt Ion: 43 Resp: 5719
Ion Ratio Lower Upper
43 100
58 32.0 27.8 41.8



#20
Methylene Chloride
Concen: 0.878 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023567.D
Acq: 05 Aug 2021 13:05

Tgt Ion: 84 Resp: 1661
Ion Ratio Lower Upper
84 100
49 138.8 88.6 132.8#
51 39.7 27.0 40.6
86 67.8 50.3 75.5

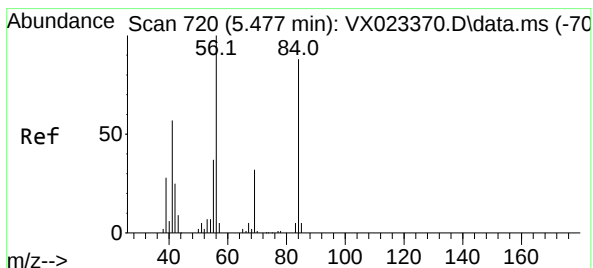
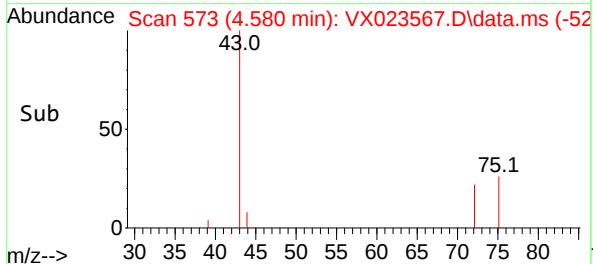
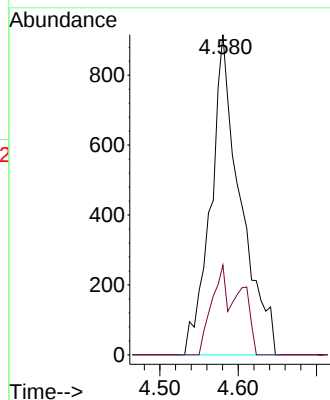
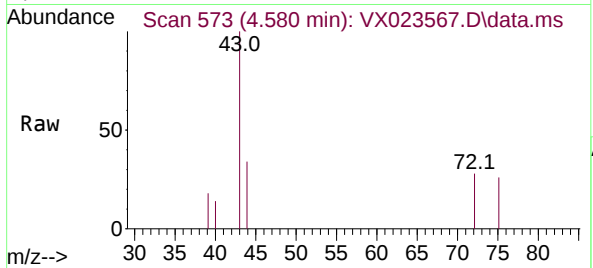




#25
2-Butanone
Concen: 1.588 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX023567.D
Acq: 05 Aug 2021 13:05

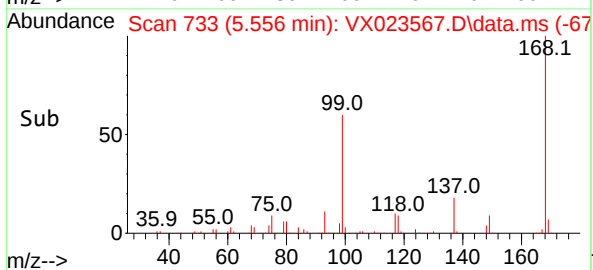
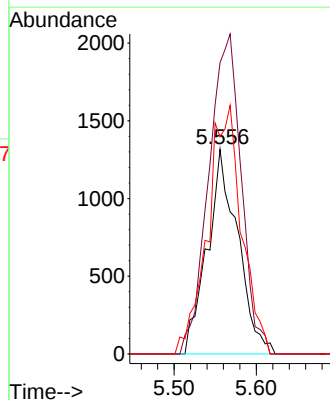
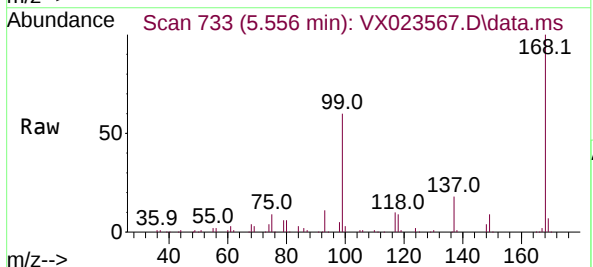
Instrument :
MSVOA_X
ClientSampled :
121

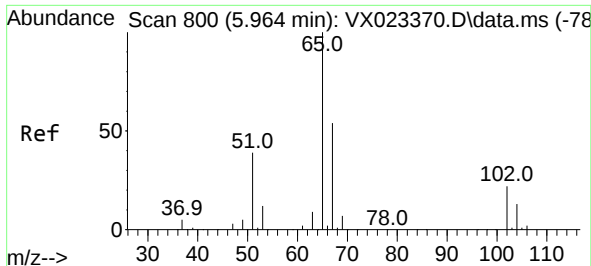
Tgt Ion: 43 Resp: 2399
Ion Ratio Lower Upper
43 100
72 28.1 23.7 35.5



#31
Cyclohexane
Concen: 1.154 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023567.D
Acq: 05 Aug 2021 13:05

Tgt Ion: 56 Resp: 3392
Ion Ratio Lower Upper
56 100
69 142.4 25.3 37.9#
84 106.1 71.4 107.0



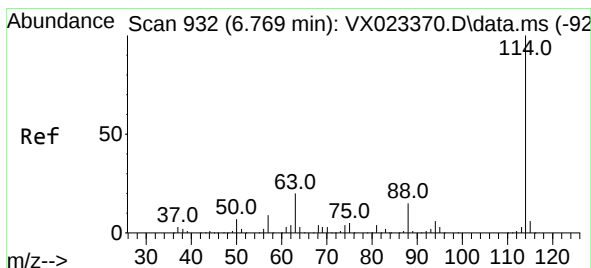
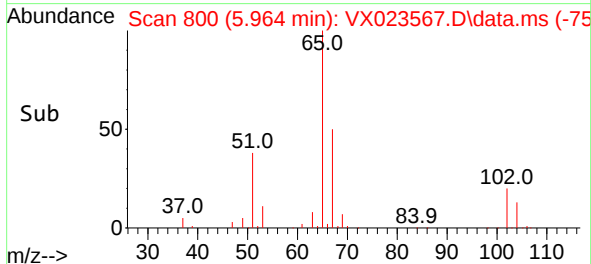
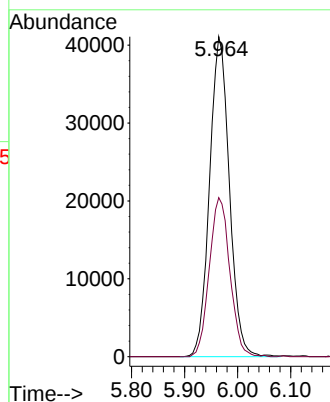
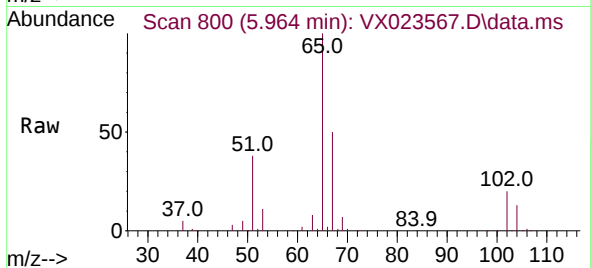


#33

1,2-Dichloroethane-d4
Concen: 53.773 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023567.D
Acq: 05 Aug 2021 13:05

Instrument :
MSVOA_X
ClientSampled :
121

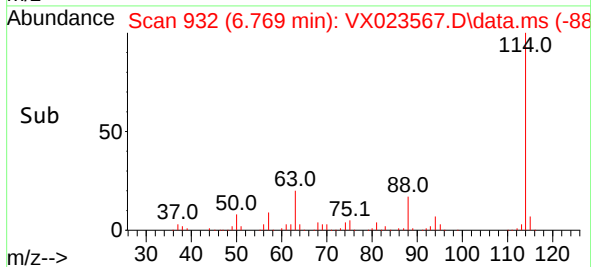
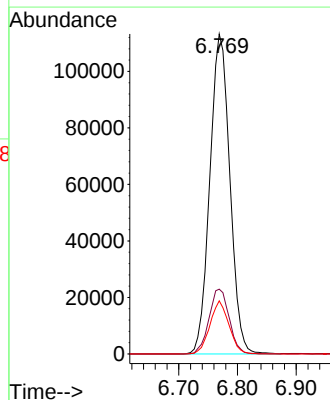
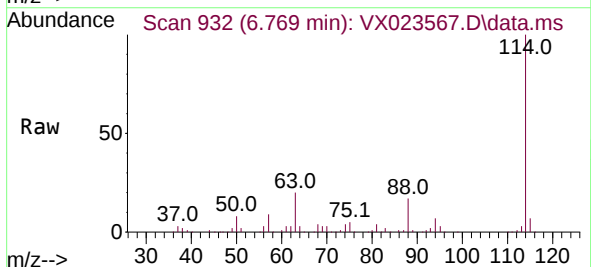
Tgt Ion: 65 Resp: 106665
Ion Ratio Lower Upper
65 100
67 51.6 0.0 105.4

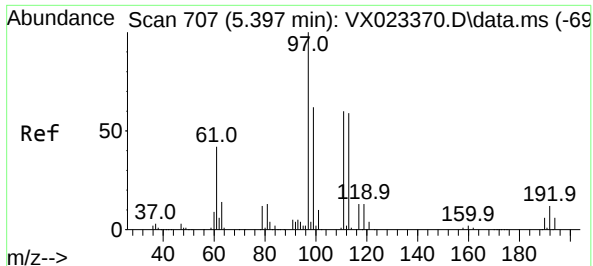


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023567.D
Acq: 05 Aug 2021 13:05

Tgt Ion: 114 Resp: 268144
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.8
88 16.6 0.0 32.8





#35

Dibromofluoromethane

Concen: 51.165 ug/l

RT: 5.397 min Scan# 707

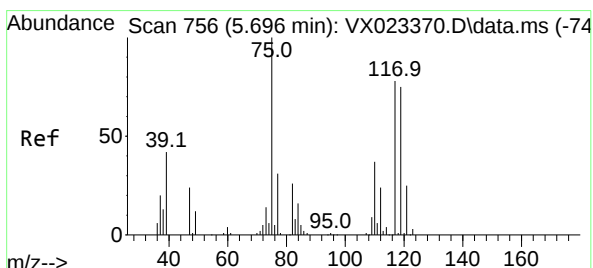
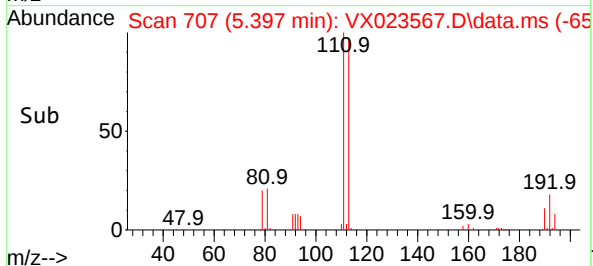
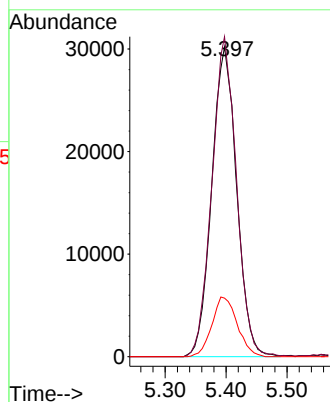
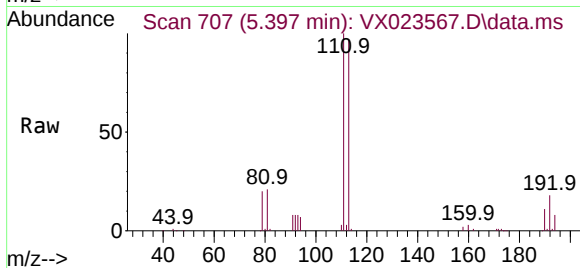
Delta R.T. 0.000 min

Lab File: VX023567.D

Acq: 05 Aug 2021 13:05

Tgt Ion:	113	Resp:	85781
Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.9	122.9
192	19.6	16.7	25.1

Instrument :
MSVOA_X
ClientSampleId :
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#36

1,1-Dichloropropene

Concen: 5.076 ug/l

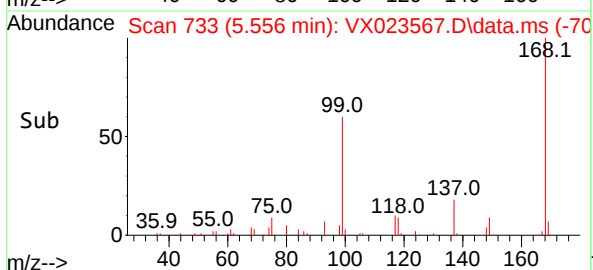
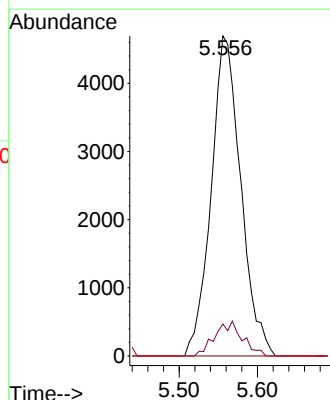
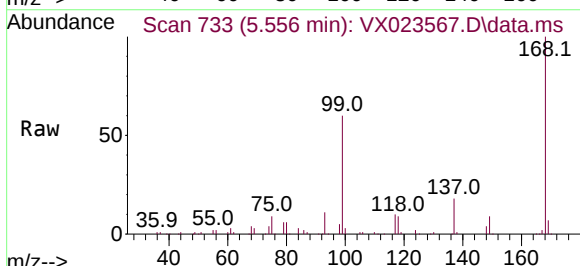
RT: 5.556 min Scan# 733

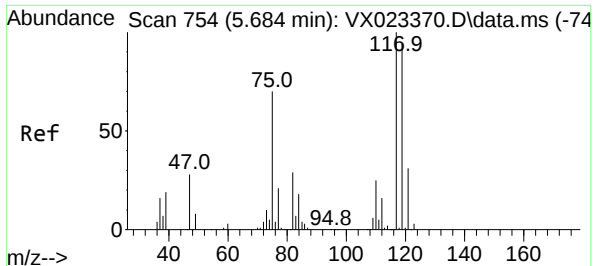
Delta R.T. -0.140 min

Lab File: VX023567.D

Acq: 05 Aug 2021 13:05

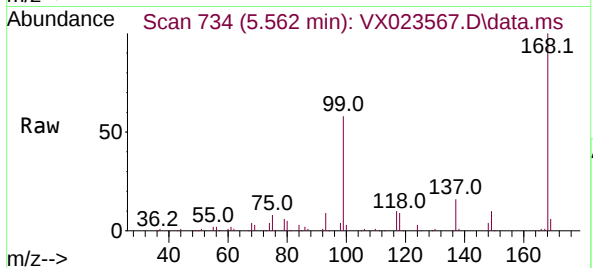
Tgt Ion:	75	Resp:	12312
Ion	Ratio	Lower	Upper
75	100		
110	10.1	18.1	54.4#
77	0.0	25.3	37.9#



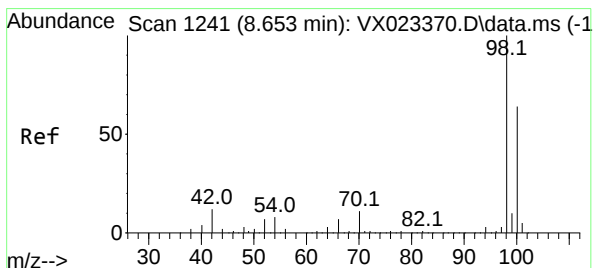
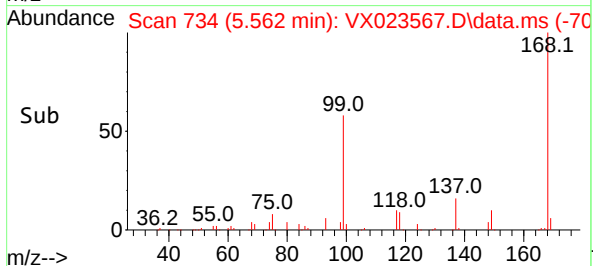
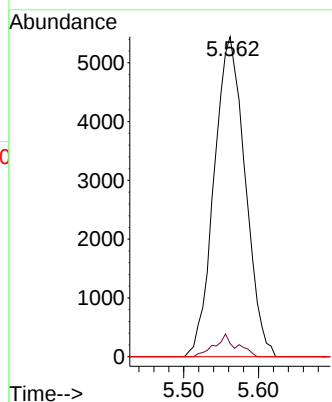


#38
Carbon Tetrachloride
Concen: 6.369 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023567.D
Acq: 05 Aug 2021 13:05

Instrument :
MSVOA_X
ClientSampled :
121

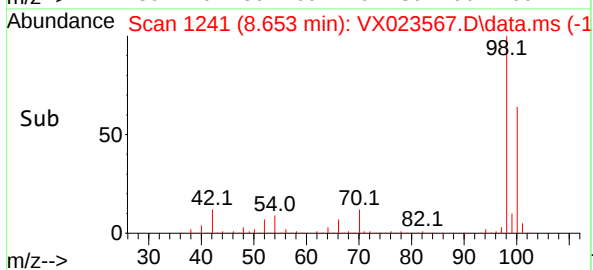
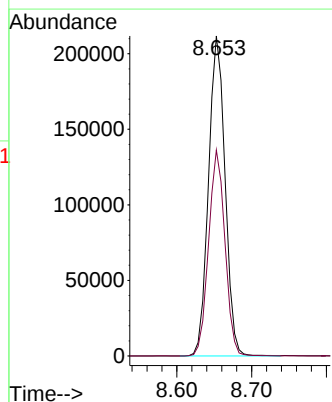
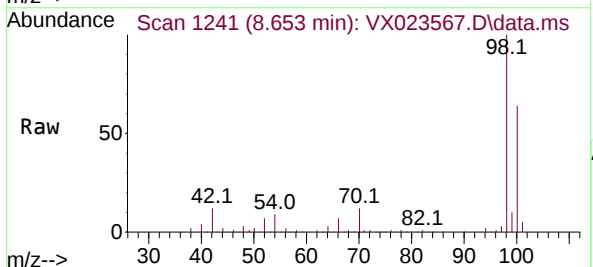


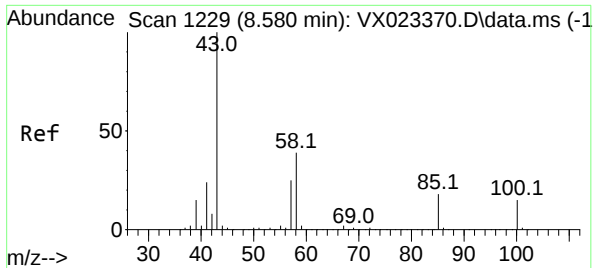
Tgt Ion:117 Resp: 15712
Ion Ratio Lower Upper
117 100
119 4.1 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.883 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023567.D
Acq: 05 Aug 2021 13:05

Tgt Ion: 98 Resp: 325741
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9

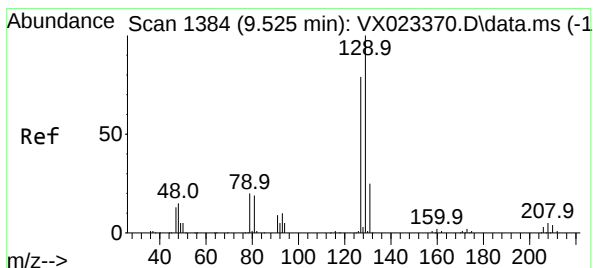
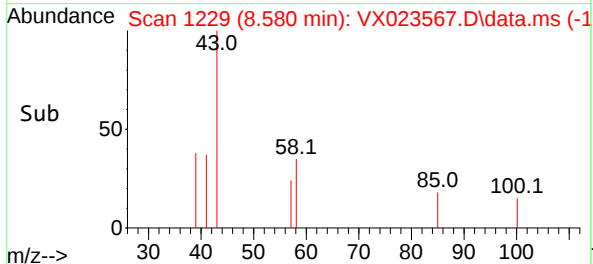
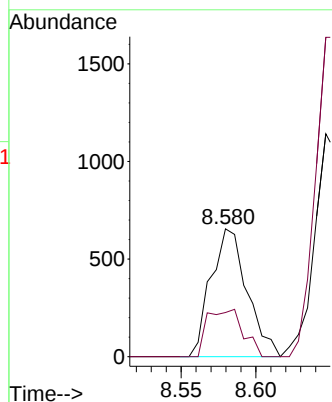
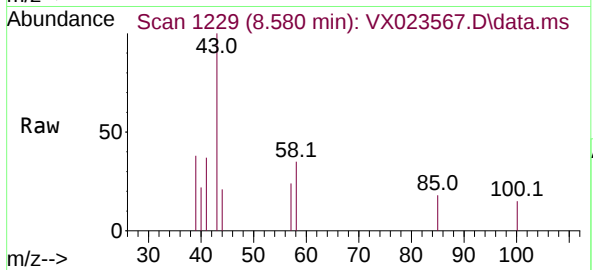




#51
4-Methyl-2-Pentanone
Concen: 0.381 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VX023567.D
Acq: 05 Aug 2021 13:05

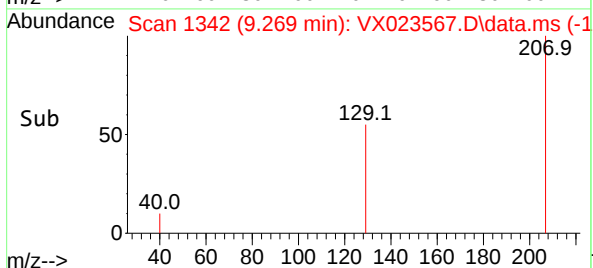
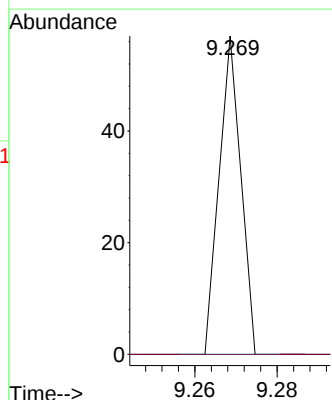
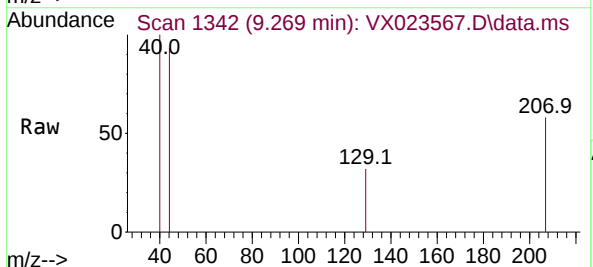
Instrument :
MSVOA_X
ClientSampled :
121

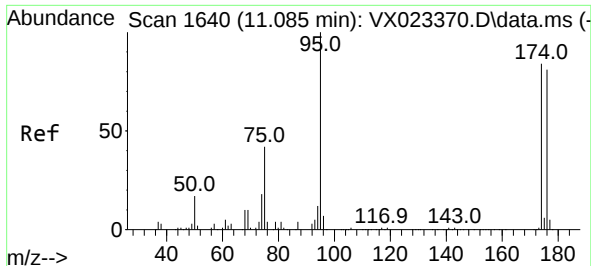
Tgt Ion: 43 Resp: 1104
Ion Ratio Lower Upper
43 100
58 36.5 35.4 53.0



#60
Dibromochloromethane
Concen: 1.993 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.256 min
Lab File: VX023567.D
Acq: 05 Aug 2021 13:05

Tgt Ion: 129 Resp: 21
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

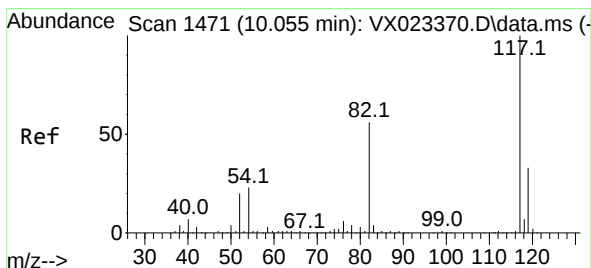
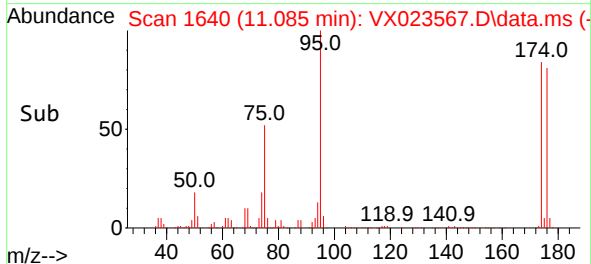
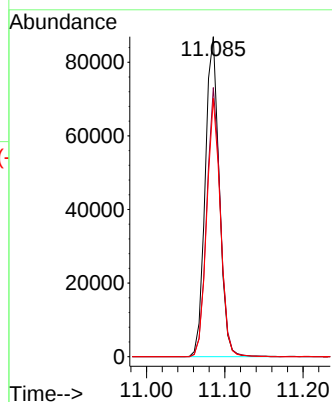
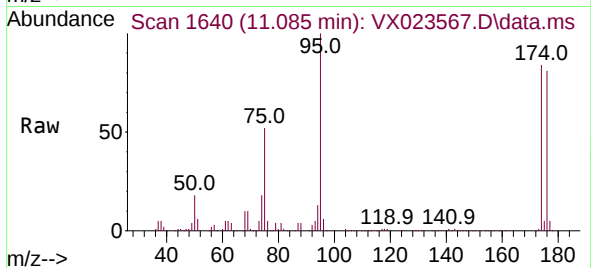




#62
4-Bromofluorobenzene
Concen: 51.658 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023567.D
Acq: 05 Aug 2021 13:05

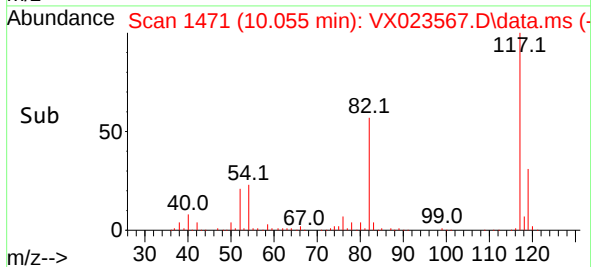
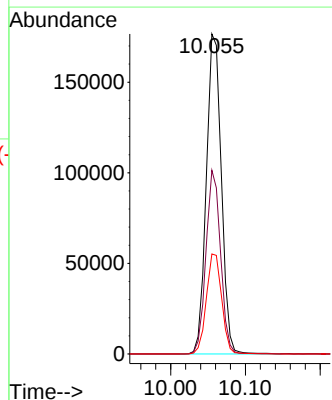
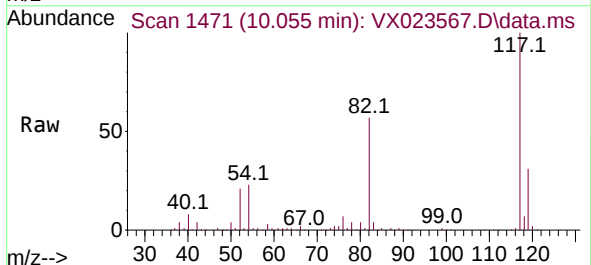
Instrument :
MSVOA_X
ClientSampled :
121

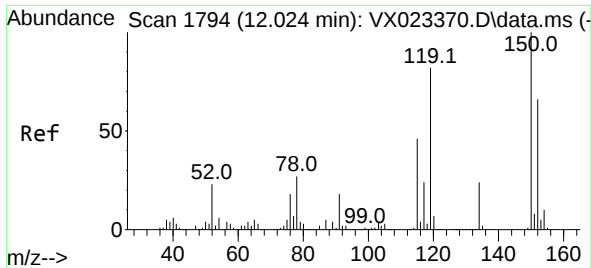
Tgt Ion: 95 Resp: 108200
Ion Ratio Lower Upper
95 100
174 81.6 0.0 154.6
176 78.1 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX023567.D
Acq: 05 Aug 2021 13:05

Tgt Ion: 117 Resp: 246373
Ion Ratio Lower Upper
117 100
82 57.4 47.4 71.2
119 31.3 26.6 39.8

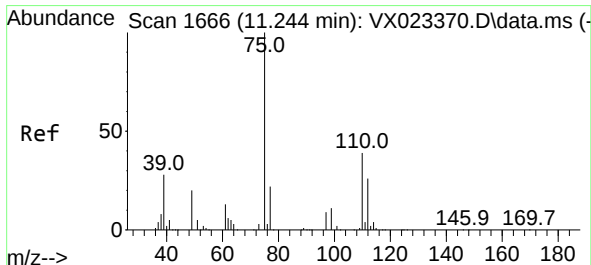
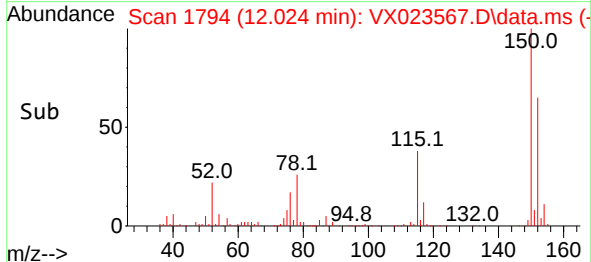
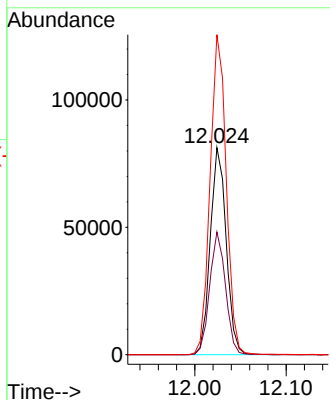
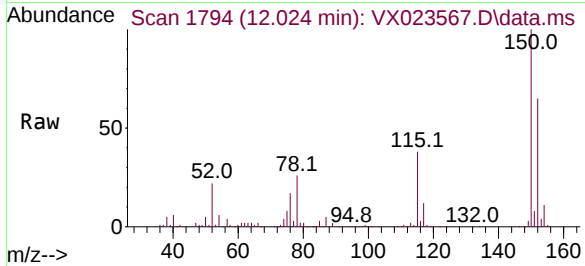




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023567.D
Acq: 05 Aug 2021 13:05

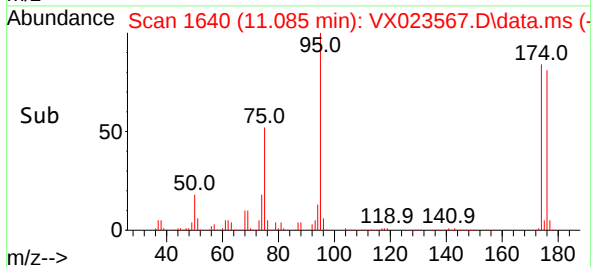
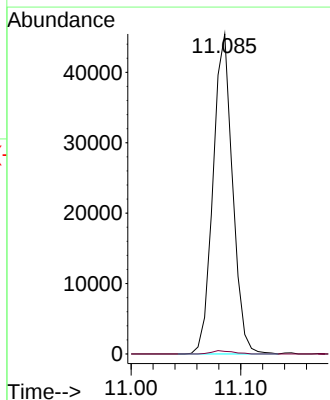
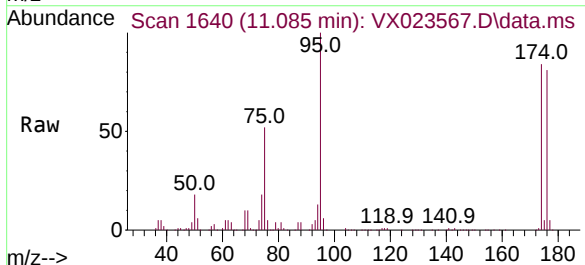
Instrument :
MSVOA_X
ClientSampled :
121

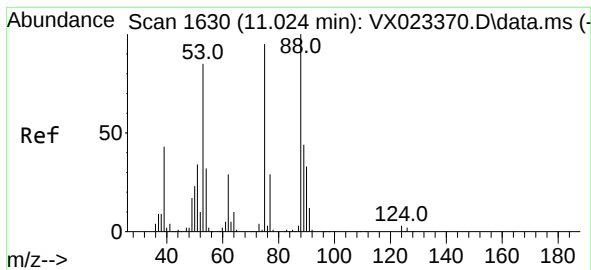
Tgt Ion:152 Resp: 98253
Ion Ratio Lower Upper
152 100
115 58.8 41.1 123.3
150 156.6 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 26.029 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023567.D
Acq: 05 Aug 2021 13:05

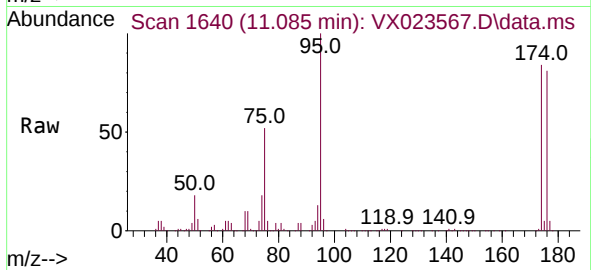
Tgt Ion: 75 Resp: 56278
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.989 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX023567.D
 Acq: 05 Aug 2021 13:05

Instrument :
 MSVOA_X
 ClientSampleId :
 121



Tgt Ion: 75 Resp: 56278
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

