

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020724\
 Data File : VX040156.D
 Acq On : 07 Feb 2024 16:51
 Operator : JC/MD
 Sample : P1337-12RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

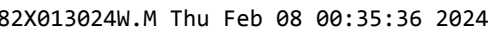
Quant Time: Feb 08 00:35:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

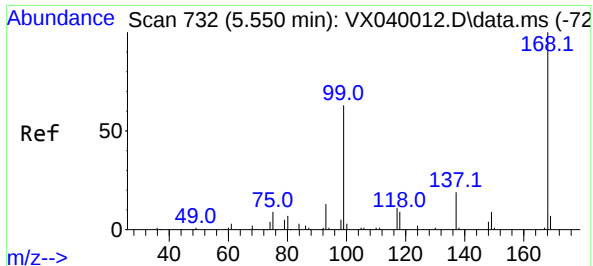
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	48632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	96679	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	101494	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	33339	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	46154	58.970	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 117.940%#	
35) Dibromofluoromethane	5.385	113	32566	49.483	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.960%	
50) Toluene-d8	8.647	98	128143	52.065	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.140%	
62) 4-Bromofluorobenzene	11.079	95	34264	36.155	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 72.320%#	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	368	2.591	ug/l #	78
13) Acrolein	2.239	56	41	0.301	ug/l #	4
16) Acetone	2.380	43	27505	75.003	ug/l	94
17) Carbon Disulfide	2.508	76	623	0.390	ug/l #	76
18) Methyl Acetate	2.709	43	919	1.058	ug/l #	74
20) Methylene Chloride	2.788	84	3386	5.196	ug/l	96
25) 2-Butanone	4.586	43	3186	6.250	ug/l	99
29) Tetrahydrofuran	5.031	42	83	0.256	ug/l #	83
31) Cyclohexane	5.550	56	1775	1.810	ug/l #	49
36) 1,1-Dichloropropene	5.550	75	5465	5.742	ug/l #	51
37) Ethyl Acetate	4.733	43	2471	2.377	ug/l #	79
38) Carbon Tetrachloride	5.550	117	5783	6.350	ug/l #	13
43) Isopropyl Acetate	6.342	43	55025	33.567	ug/l	96
48) Methyl methacrylate	7.799	41	49995	61.913	ug/l #	50
51) 4-Methyl-2-Pentanone	8.549	43	40254	35.973	ug/l #	51
54) cis-1,3-Dichloropropene	8.549	75	14757	13.627	ug/l #	65
56) Ethyl methacrylate	9.238	69	282	0.270	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	2106	1.788	ug/l #	42
59) 2-Hexanone	9.378	43	46444	52.056	ug/l #	26
74) N-amyl acetate	10.817	43	270	0.447	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	21945	30.910	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	21945	88.144	ug/l #	5
82) 4-Chlorotoluene	11.463	91	495	0.243	ug/l #	55
93) 1,2,4-Trichlorobenzene	13.585	180	147	0.219	ug/l #	76

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

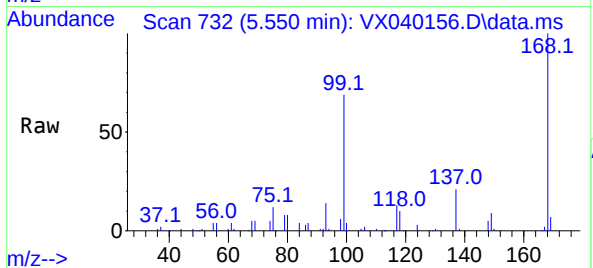
Quant Time: Feb 08 00:35:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 01 05:44:39 2024
Response via : Initial Calibration



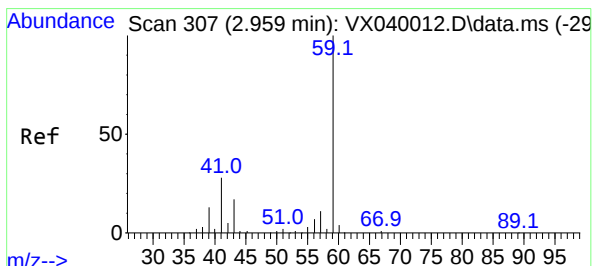
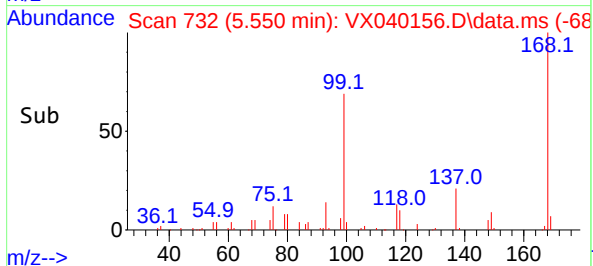
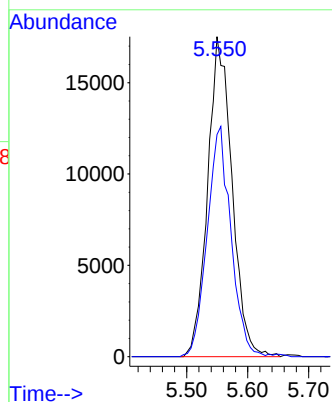


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040156.D
Acq: 07 Feb 2024 16:51

Instrument :
MSVOA_X
ClientSampleId :

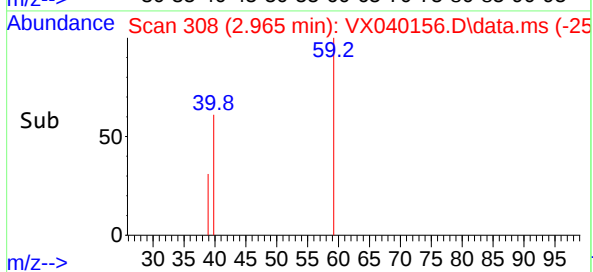
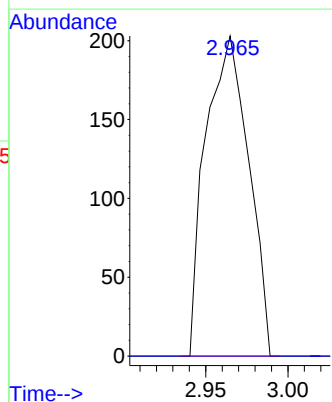
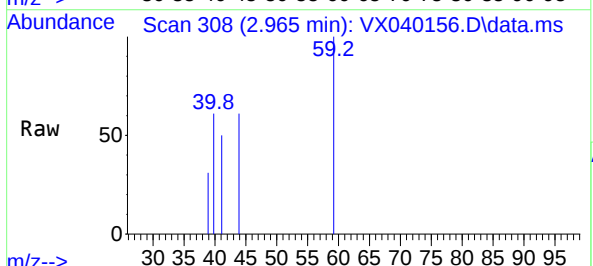


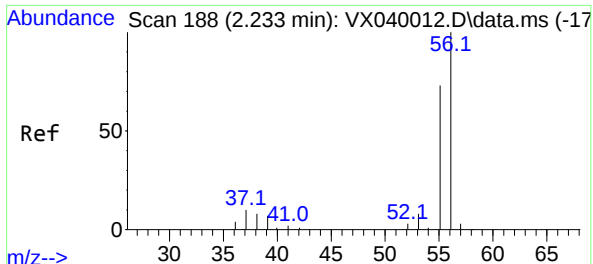
Tgt Ion:168 Resp: 48632
Ion Ratio Lower Upper
168 100
99 69.4 56.6 85.0



#11
Tert butyl alcohol
Concen: 2.591 ug/l
RT: 2.965 min Scan# 308
Delta R.T. 0.006 min
Lab File: VX040156.D
Acq: 07 Feb 2024 16:51

Tgt Ion: 59 Resp: 368
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

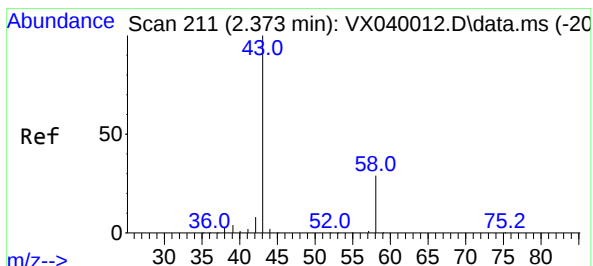
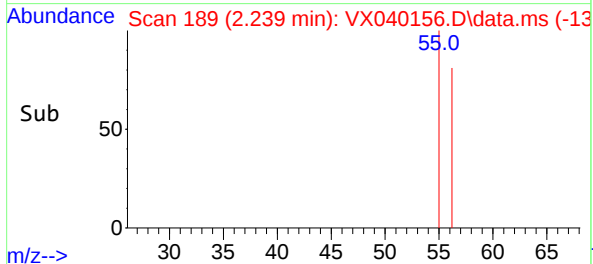
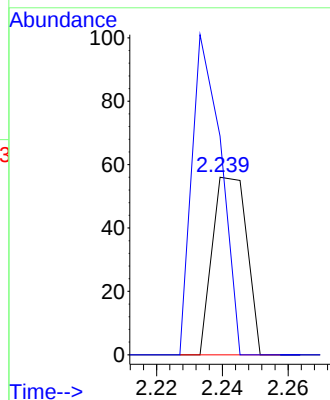
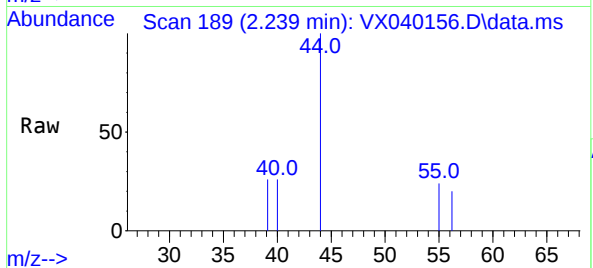




#13
Acrolein
Concen: 0.301 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040156.D
Acq: 07 Feb 2024 16:51

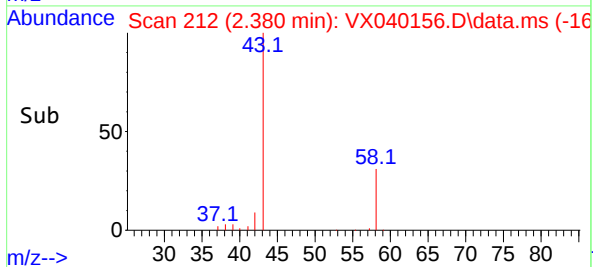
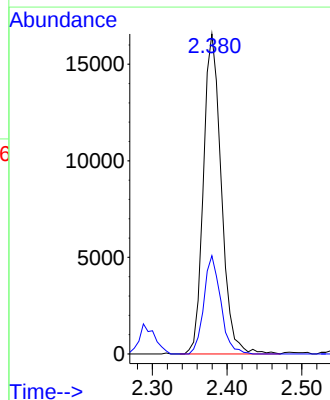
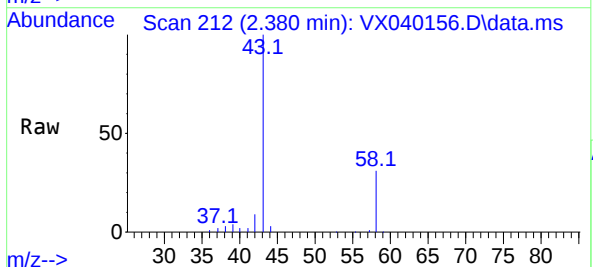
Instrument :
MSVOA_X
ClientSampleId :

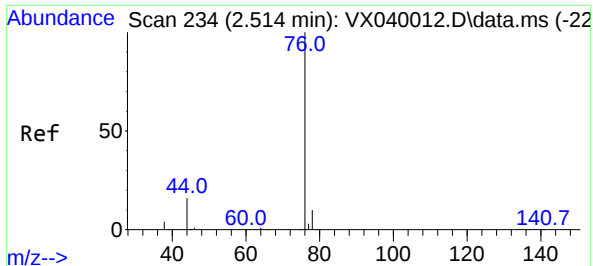
Tgt Ion: 56 Resp: 41
Ion Ratio Lower Upper
56 100
55 151.2 57.1 85.7#



#16
Acetone
Concen: 75.003 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX040156.D
Acq: 07 Feb 2024 16:51

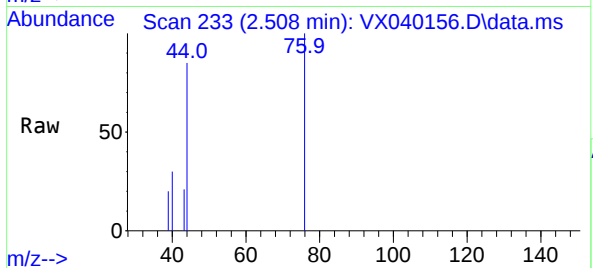
Tgt Ion: 43 Resp: 27505
Ion Ratio Lower Upper
43 100
58 30.7 21.9 32.9



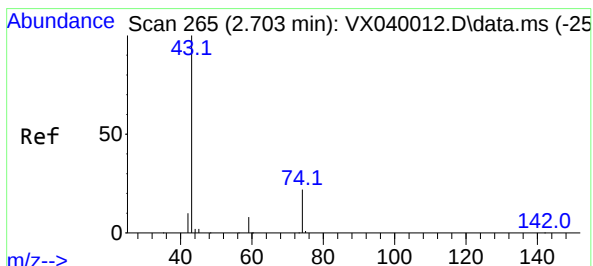
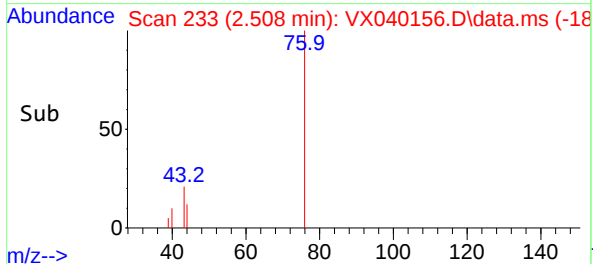
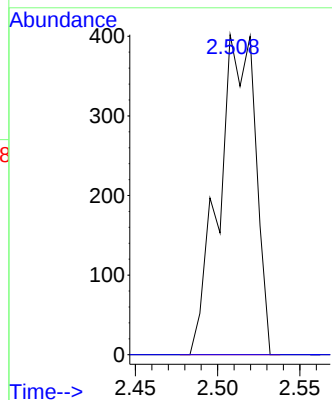


#17
Carbon Disulfide
Concen: 0.390 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX040156.D
Acq: 07 Feb 2024 16:51

Instrument :
MSVOA_X
ClientSampleId :

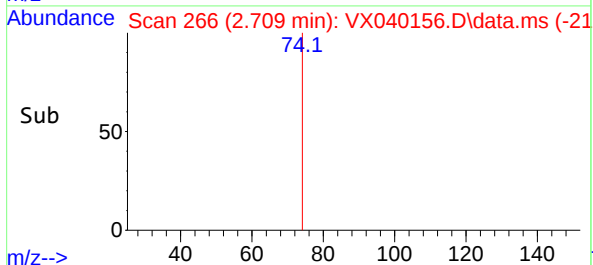
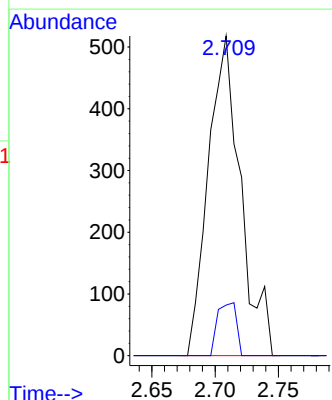
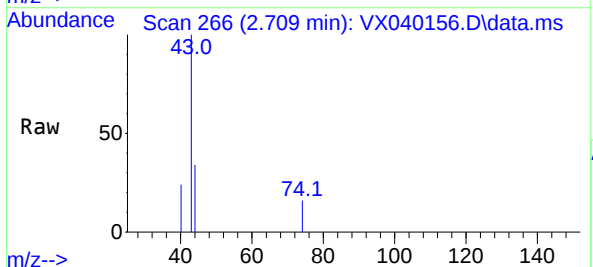


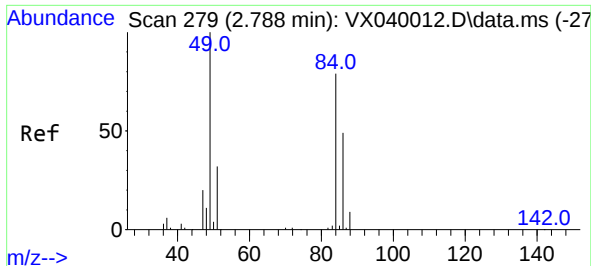
Tgt Ion: 76 Resp: 623
Ion Ratio Lower Upper
76 100
78 0.0 7.0 10.6#



#18
Methyl Acetate
Concen: 1.058 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX040156.D
Acq: 07 Feb 2024 16:51

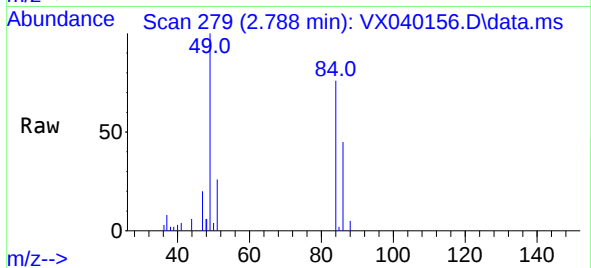
Tgt Ion: 43 Resp: 919
Ion Ratio Lower Upper
43 100
74 9.7 17.8 26.8#





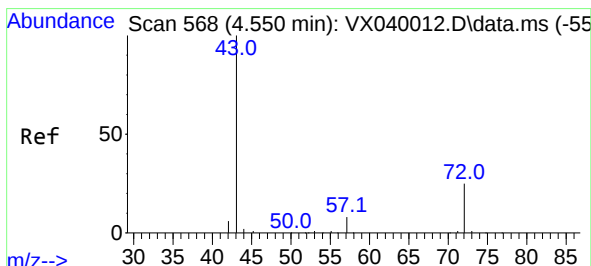
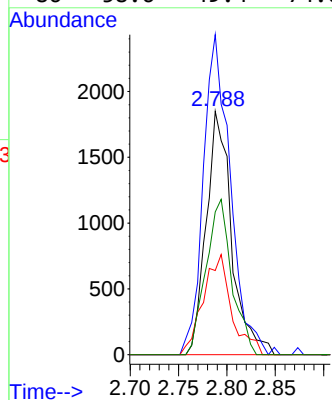
#20
Methylene Chloride
Concen: 5.196 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX040156.D
Acq: 07 Feb 2024 16:51

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 3386

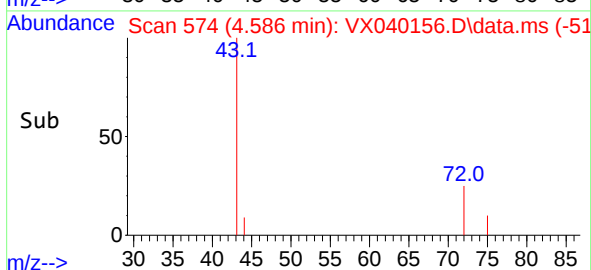
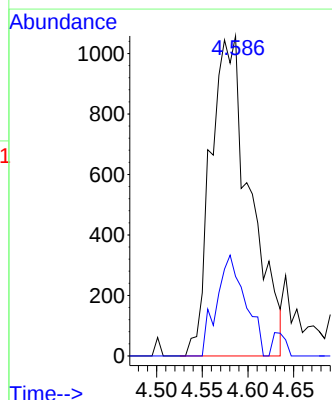
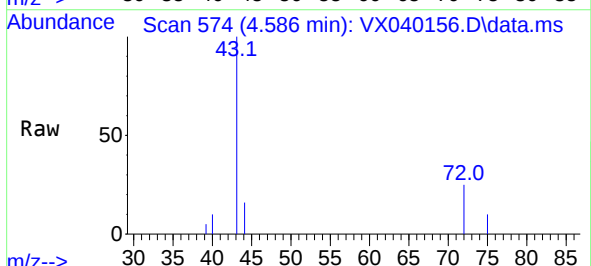
Ion	Ratio	Lower	Upper
84	100		
49	131.5	103.6	155.4
51	34.6	33.8	50.6
86	58.6	49.4	74.0

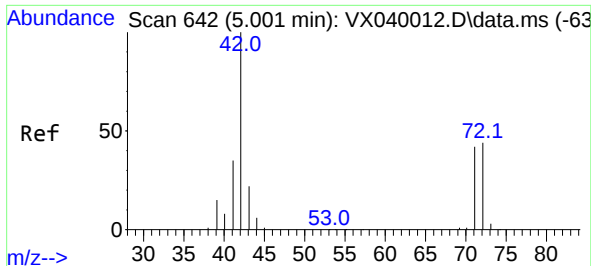


#25
2-Butanone
Concen: 6.250 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.036 min
Lab File: VX040156.D
Acq: 07 Feb 2024 16:51

Tgt Ion: 43 Resp: 3186

Ion	Ratio	Lower	Upper
43	100		
72	24.9	19.4	29.2





#29

Tetrahydrofuran

Concen: 0.256 ug/l

RT: 5.031 min Scan# 64

Delta R.T. 0.030 min

Lab File: VX040156.D

Acq: 07 Feb 2024 16:51

Instrument :

MSVOA_X

ClientSampleId :

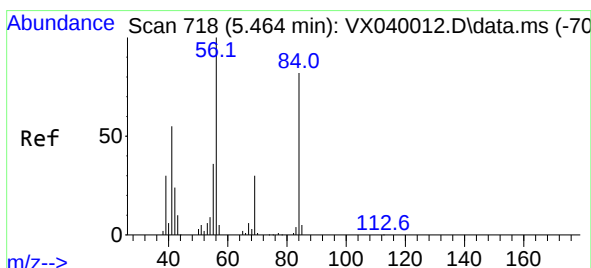
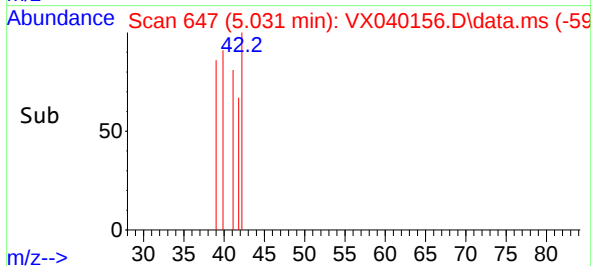
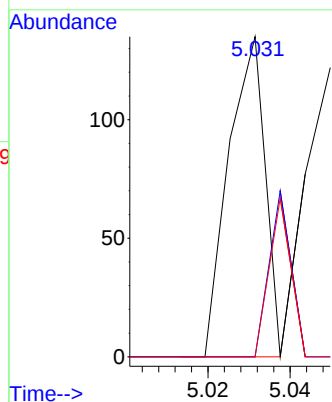
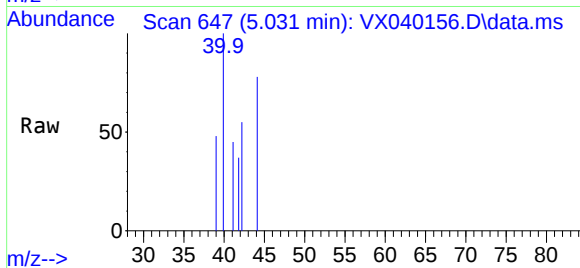
Tgt Ion: 42 Resp: 83

Ion Ratio Lower Upper

42 100

72 31.3 34.2 51.4#

71 30.1 32.2 48.2#



#31

Cyclohexane

Concen: 1.810 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.085 min

Lab File: VX040156.D

Acq: 07 Feb 2024 16:51

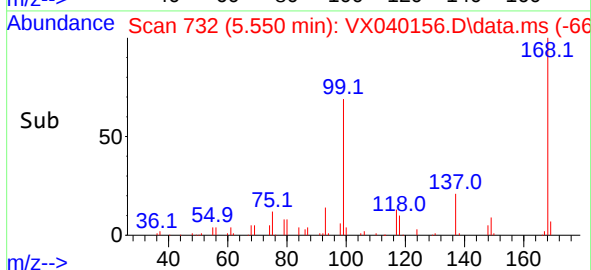
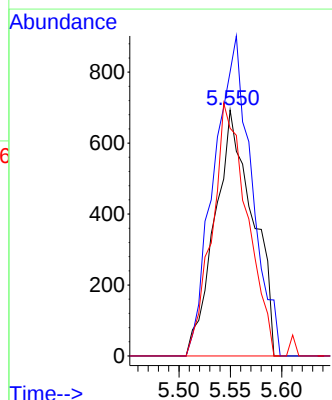
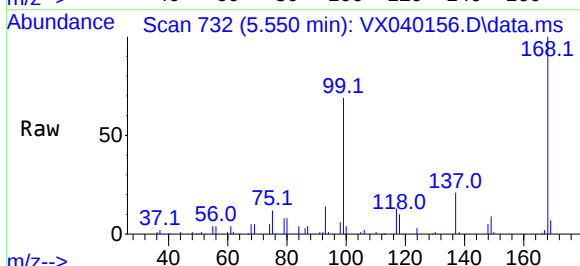
Tgt Ion: 56 Resp: 1775

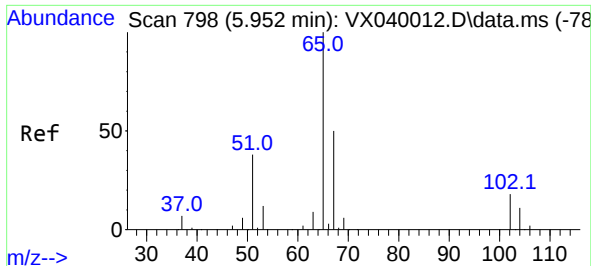
Ion Ratio Lower Upper

56 100

69 115.6 23.4 35.2#

84 92.6 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 58.970 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX040156.D

Acq: 07 Feb 2024 16:51

Instrument :

MSVOA_X

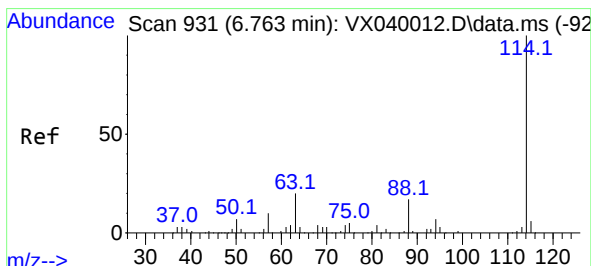
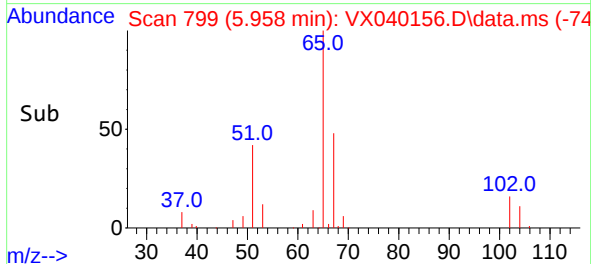
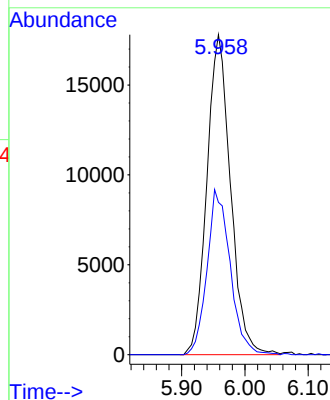
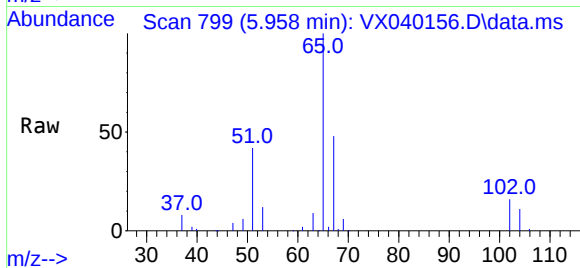
ClientSampleId :

Tgt Ion: 65 Resp: 46154

Ion Ratio Lower Upper

65 100

67 50.5 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX040156.D

Acq: 07 Feb 2024 16:51

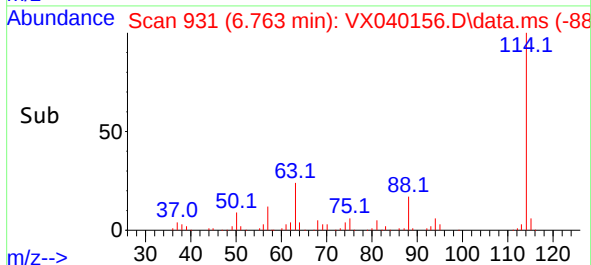
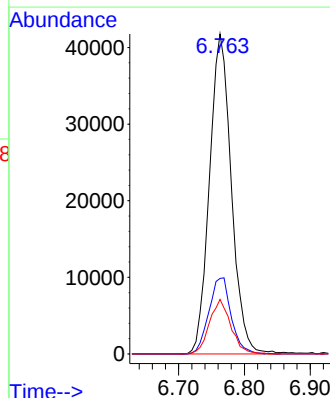
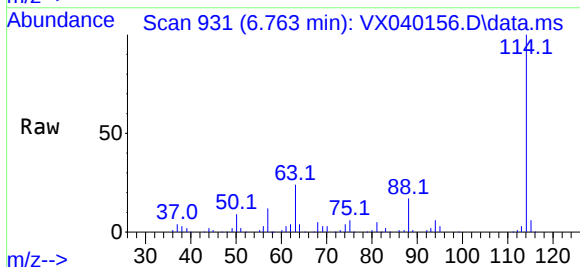
Tgt Ion: 114 Resp: 96679

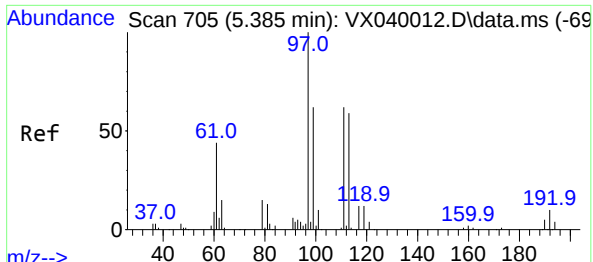
Ion Ratio Lower Upper

114 100

63 23.6 0.0 45.0

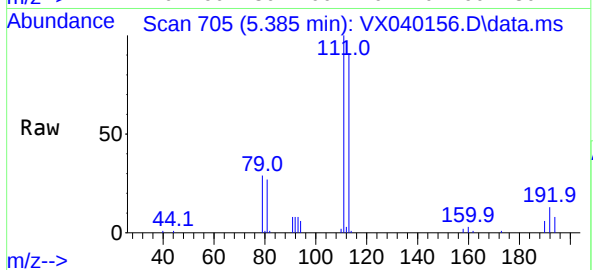
88 17.1 0.0 36.6



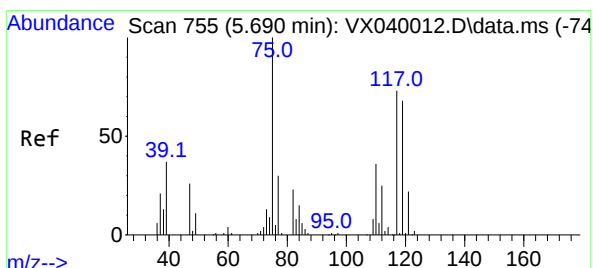
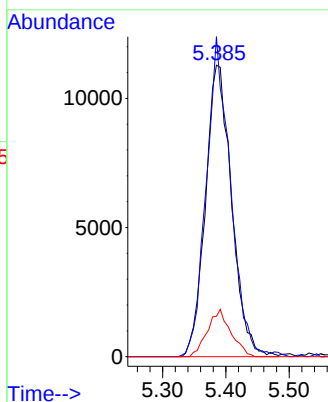
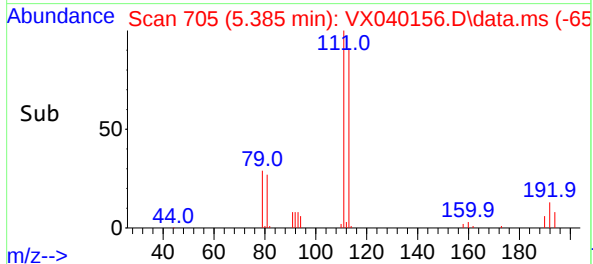


#35
Dibromofluoromethane
Concen: 49.483 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040156.D
Acq: 07 Feb 2024 16:51

Instrument :
MSVOA_X
ClientSampleId :

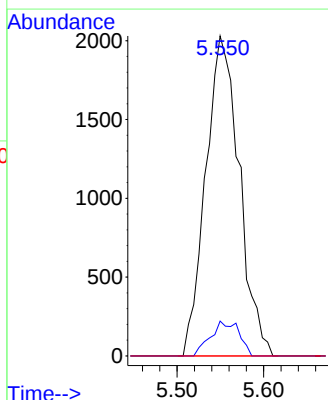
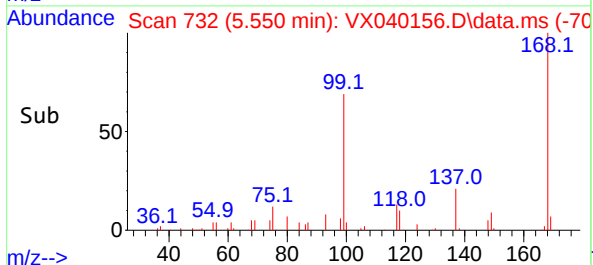
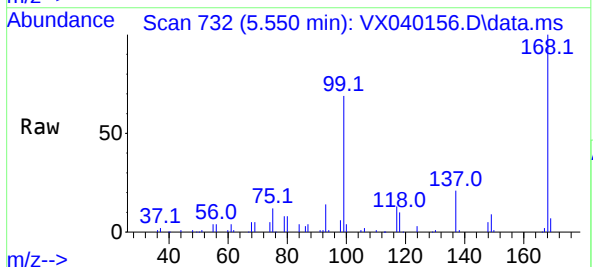


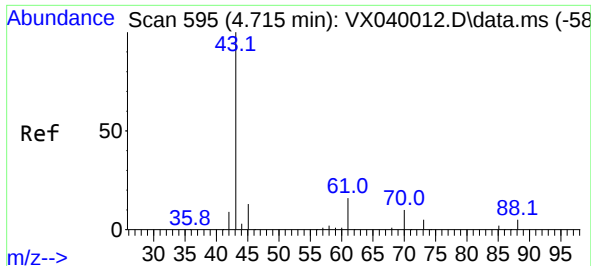
Tgt Ion:113 Resp: 32566
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 14.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.742 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX040156.D
Acq: 07 Feb 2024 16:51

Tgt Ion: 75 Resp: 5465
Ion Ratio Lower Upper
75 100
110 9.2 17.0 50.9#
77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 2.377 ug/l

RT: 4.733 min Scan# 595

Delta R.T. 0.018 min

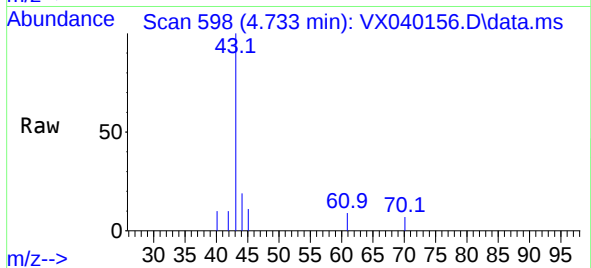
Lab File: VX040156.D

Acq: 07 Feb 2024 16:51

Instrument :

MSVOA_X

ClientSampleId :



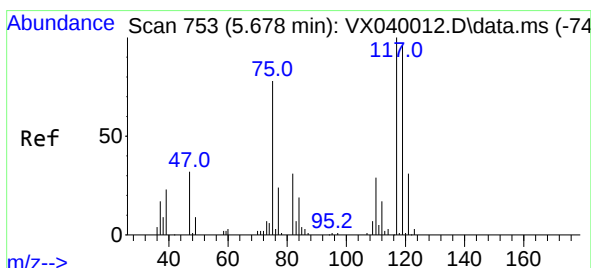
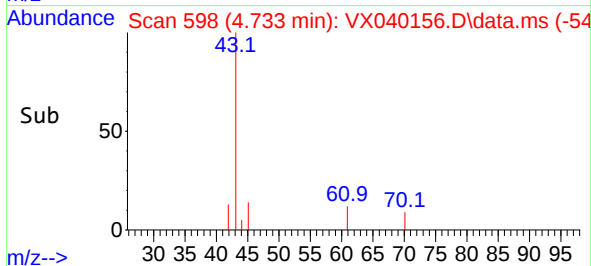
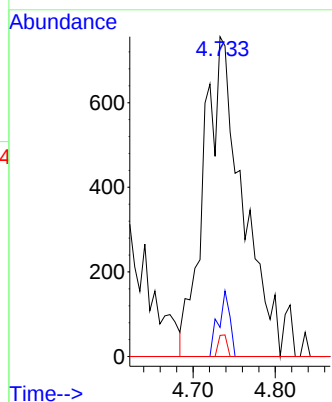
Tgt Ion: 43 Resp: 2471

Ion Ratio Lower Upper

43 100

61 6.0 10.6 16.0#

70 1.5 8.3 12.5#



#38

Carbon Tetrachloride

Concen: 6.350 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.128 min

Lab File: VX040156.D

Acq: 07 Feb 2024 16:51

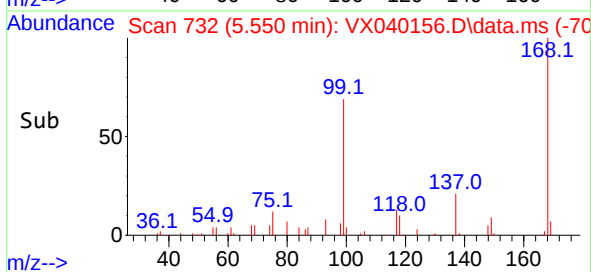
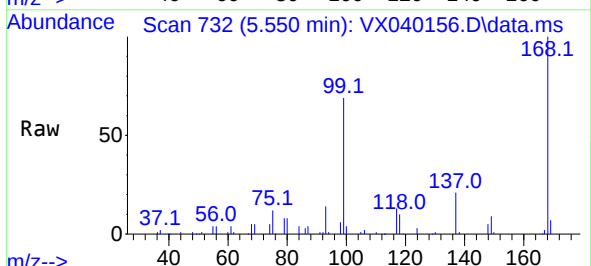
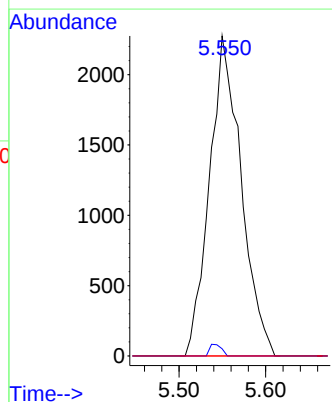
Tgt Ion: 117 Resp: 5783

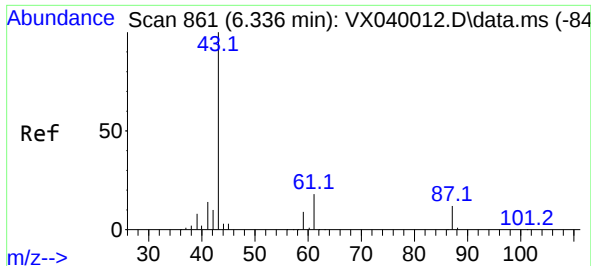
Ion Ratio Lower Upper

117 100

119 2.3 78.2 117.2#

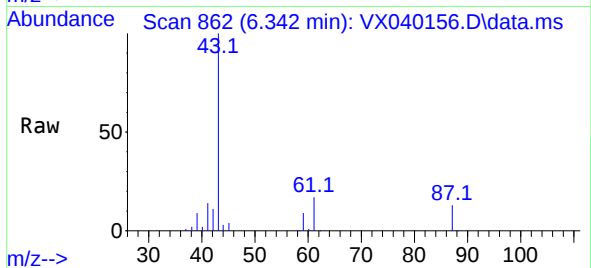
121 0.0 24.4 36.6#



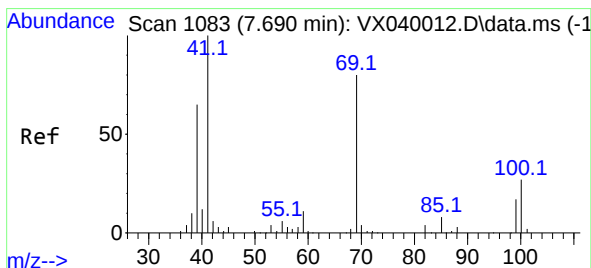
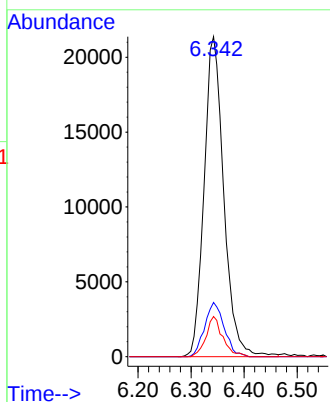
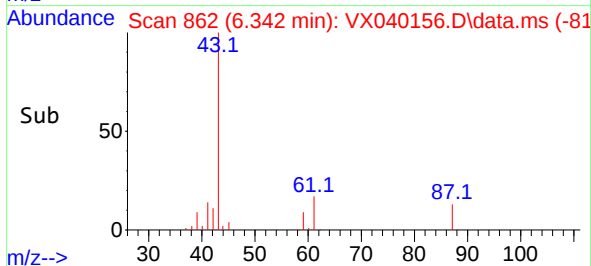


#43
Isopropyl Acetate
Concen: 33.567 ug/l
RT: 6.342 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX040156.D
Acq: 07 Feb 2024 16:51

Instrument :
MSVOA_X
ClientSampleId :

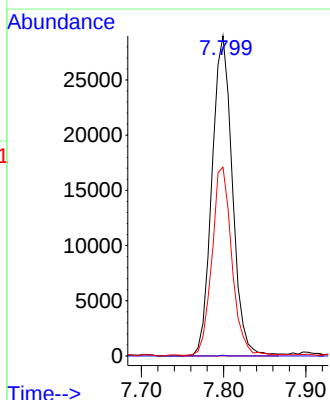
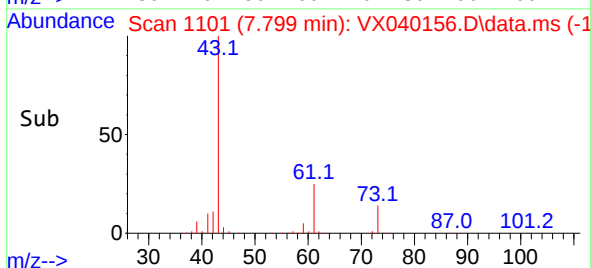
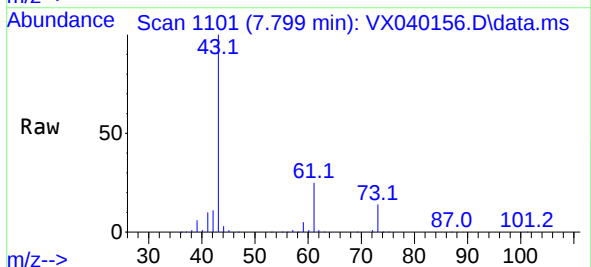


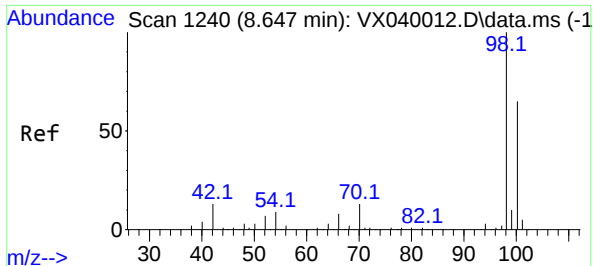
Tgt Ion: 43 Resp: 55025
Ion Ratio Lower Upper
43 100
61 16.9 15.2 22.8
87 10.7 9.8 14.6



#48
Methyl methacrylate
Concen: 61.913 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.110 min
Lab File: VX040156.D
Acq: 07 Feb 2024 16:51

Tgt Ion: 41 Resp: 49995
Ion Ratio Lower Upper
41 100
69 0.1 59.2 88.8#
39 57.3 47.7 71.5

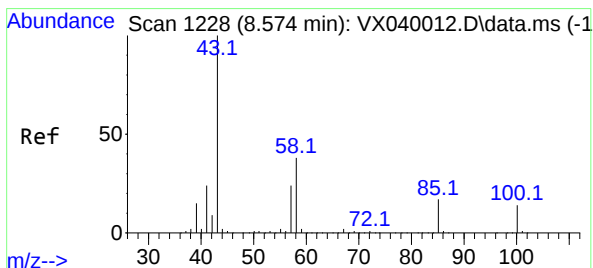
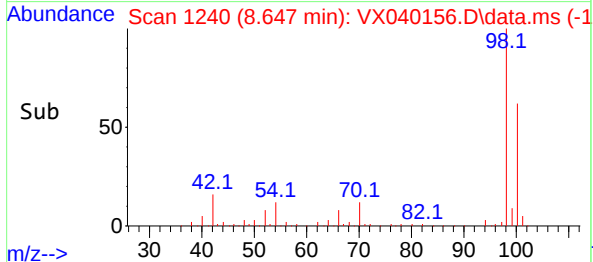
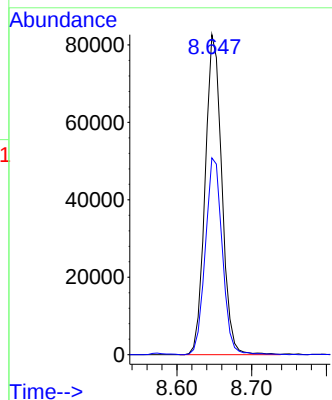
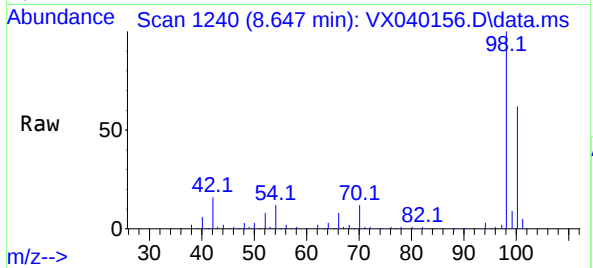




#50
Toluene-d8
Concen: 52.065 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040156.D
Acq: 07 Feb 2024 16:51

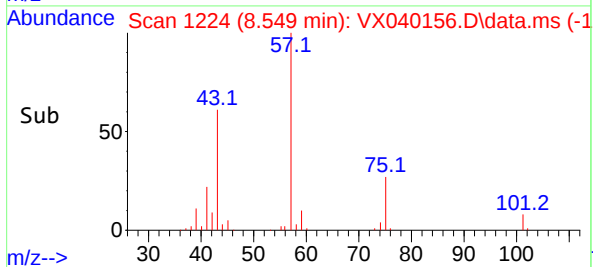
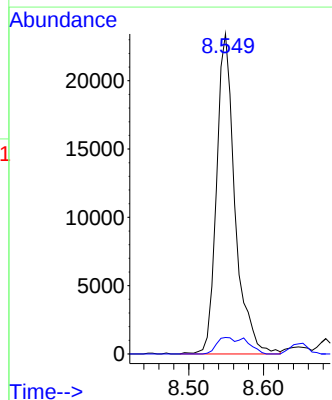
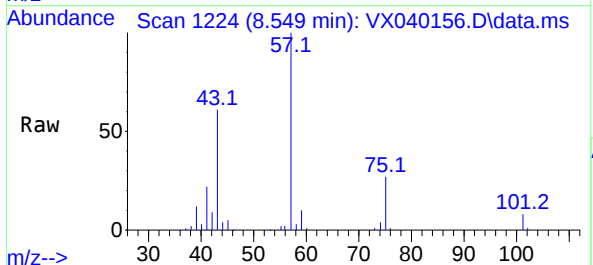
Instrument :
MSVOA_X
ClientSampleId :

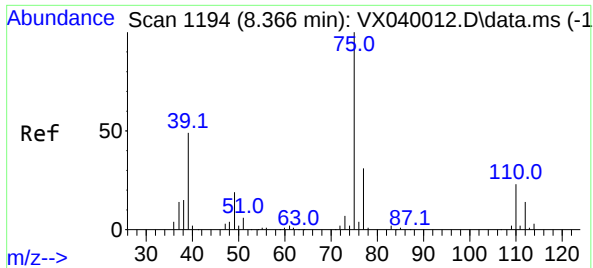
Tgt Ion: 98 Resp: 128143
Ion Ratio Lower Upper
98 100
100 62.7 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 35.973 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX040156.D
Acq: 07 Feb 2024 16:51

Tgt Ion: 43 Resp: 40254
Ion Ratio Lower Upper
43 100
58 8.5 30.4 45.6#

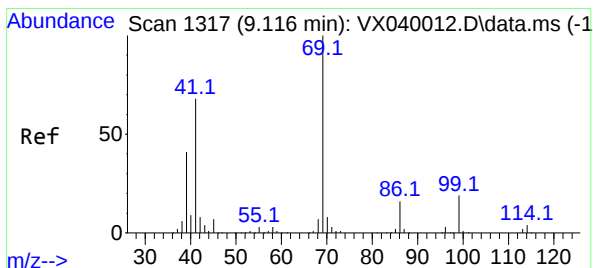
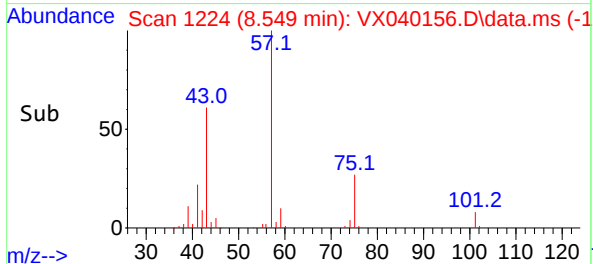
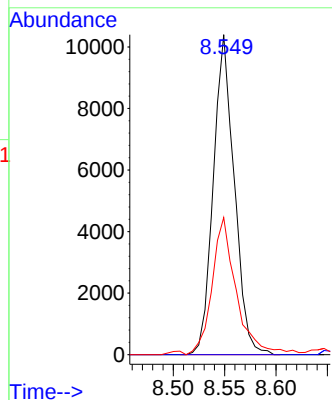
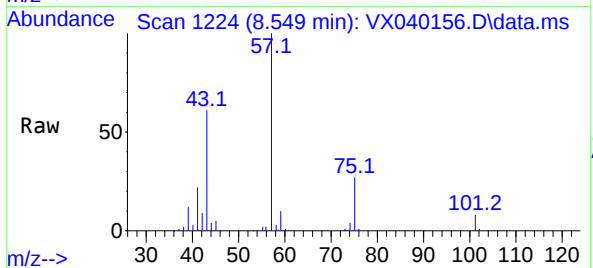




#54
cis-1,3-Dichloropropene
Concen: 13.627 ug/l
RT: 8.549 min Scan# 1194
Delta R.T. 0.183 min
Lab File: VX040156.D
Acq: 07 Feb 2024 16:51

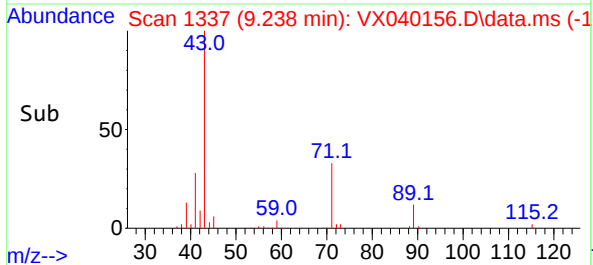
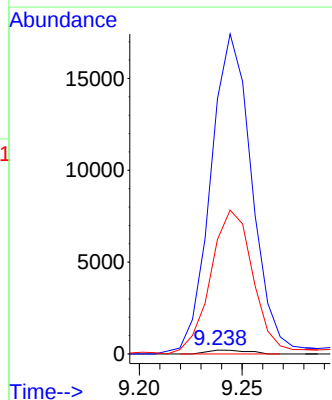
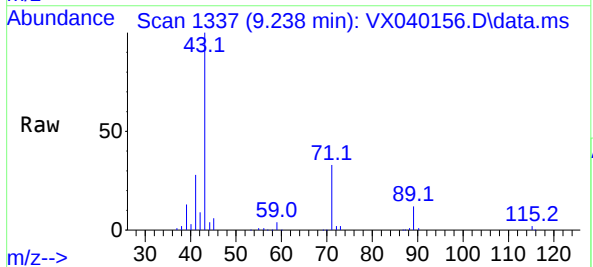
Instrument :
MSVOA_X
ClientSampleId :

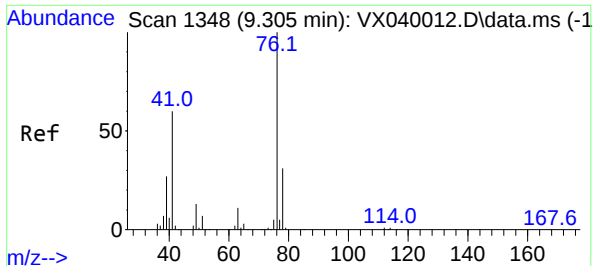
Tgt Ion: 75 Resp: 14757
Ion Ratio Lower Upper
75 100
77 0.0 25.3 37.9#
39 41.7 46.7 70.1#



#56
Ethyl methacrylate
Concen: 0.270 ug/l
RT: 9.238 min Scan# 1337
Delta R.T. 0.122 min
Lab File: VX040156.D
Acq: 07 Feb 2024 16:51

Tgt Ion: 69 Resp: 282
Ion Ratio Lower Upper
69 100
41 8697.5 56.8 85.2#
39 4053.9 32.0 48.0#

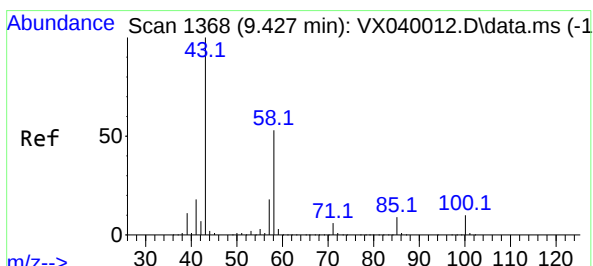
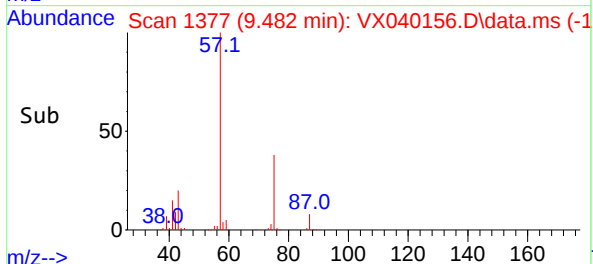
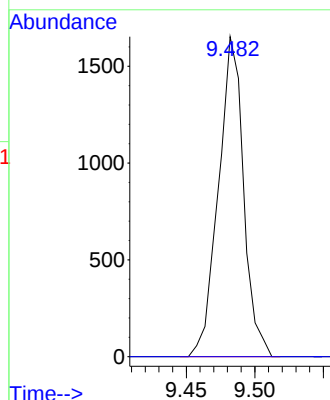
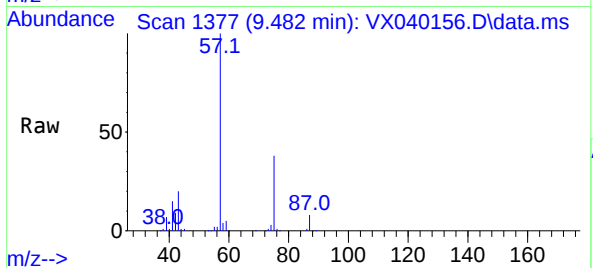




#57
1,3-Dichloropropane
Concen: 1.788 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.177 min
Lab File: VX040156.D
Acq: 07 Feb 2024 16:51

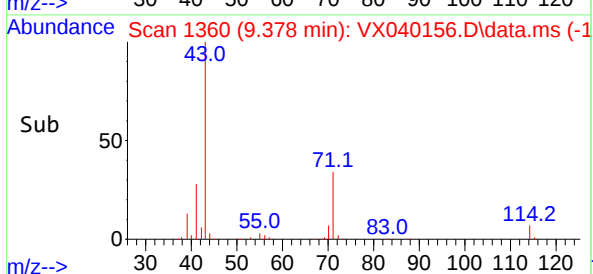
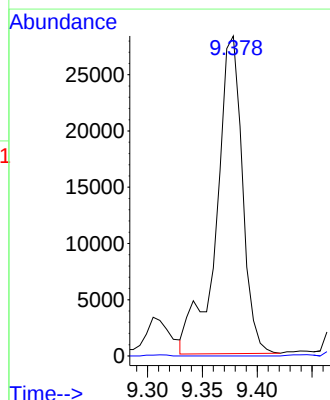
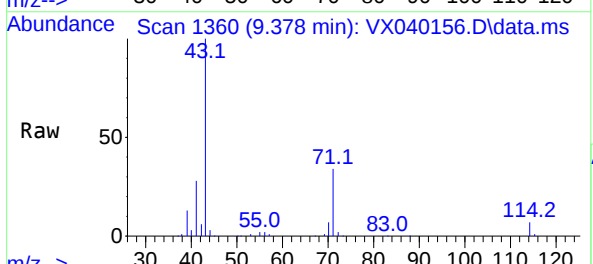
Instrument :
MSVOA_X
ClientSampleId :

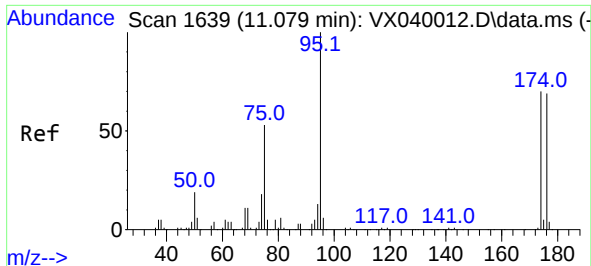
Tgt Ion: 76 Resp: 2106
Ion Ratio Lower Upper
76 100
78 0.0 26.1 39.1#



#59
2-Hexanone
Concen: 52.056 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.049 min
Lab File: VX040156.D
Acq: 07 Feb 2024 16:51

Tgt Ion: 43 Resp: 46444
Ion Ratio Lower Upper
43 100
58 0.0 26.2 78.5#

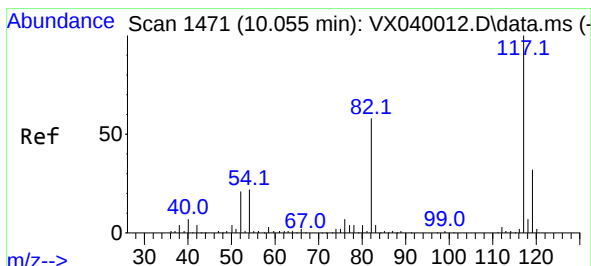
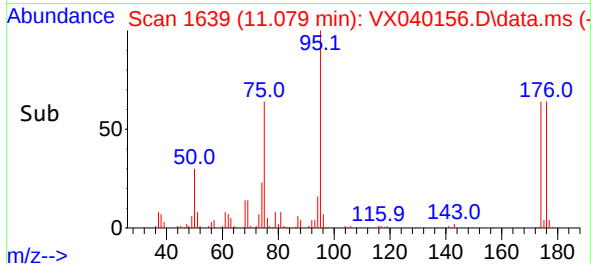
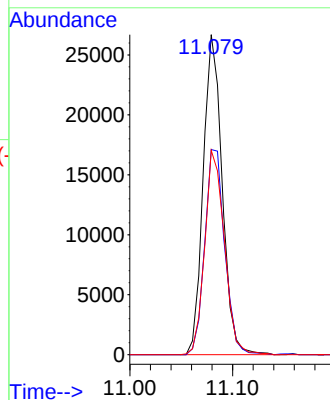
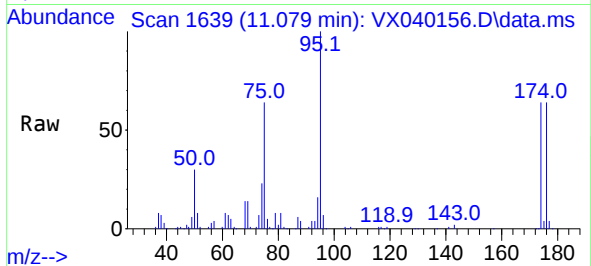




#62
4-Bromofluorobenzene
Concen: 36.155 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040156.D
Acq: 07 Feb 2024 16:51

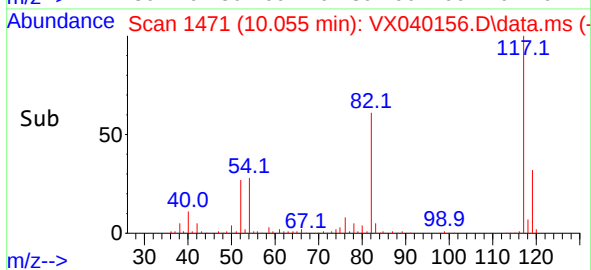
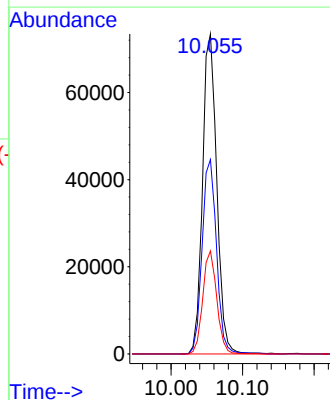
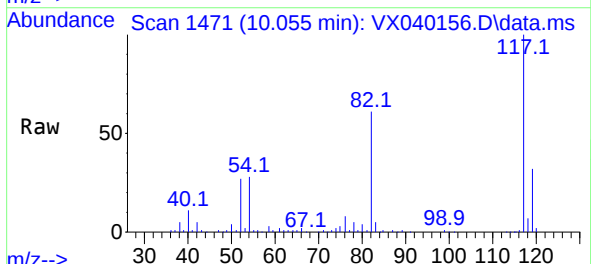
Instrument :
MSVOA_X
ClientSampleId :

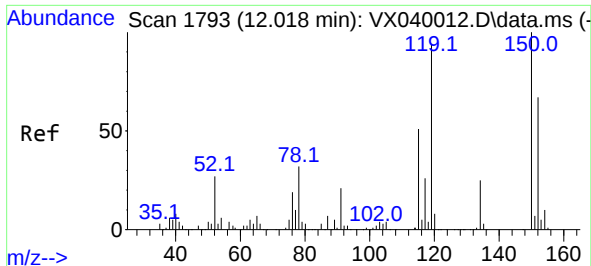
Tgt Ion: 95 Resp: 34264
Ion Ratio Lower Upper
95 100
174 67.6 0.0 135.6
176 66.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040156.D
Acq: 07 Feb 2024 16:51

Tgt Ion: 117 Resp: 101494
Ion Ratio Lower Upper
117 100
82 60.8 46.2 69.4
119 32.2 25.5 38.3

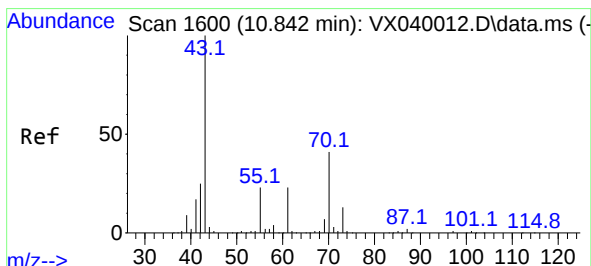
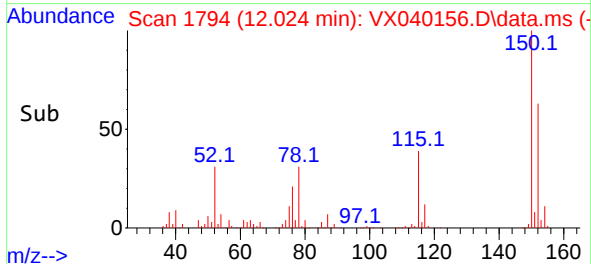
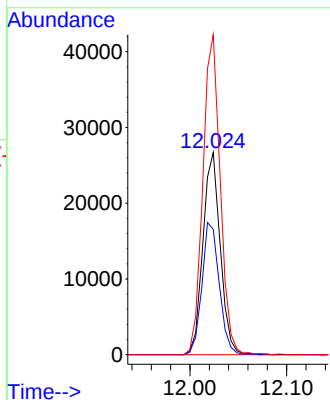
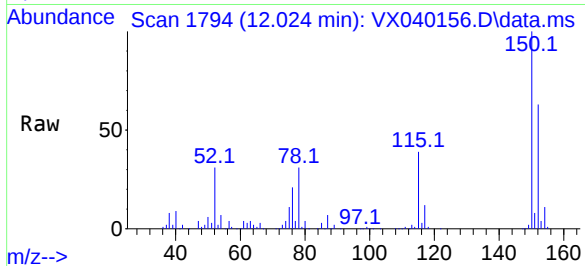




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX040156.D
Acq: 07 Feb 2024 16:51

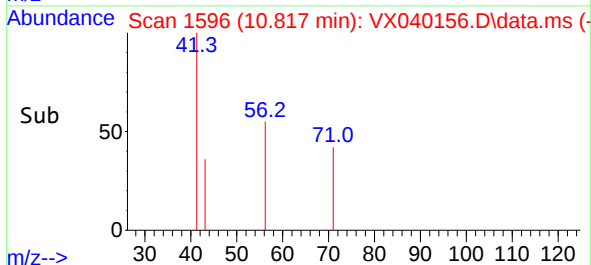
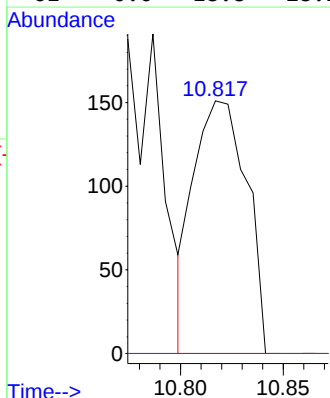
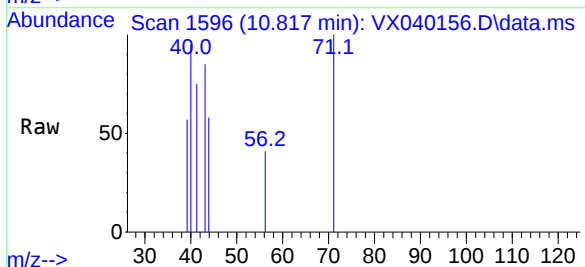
Instrument :
MSVOA_X
ClientSampleId :

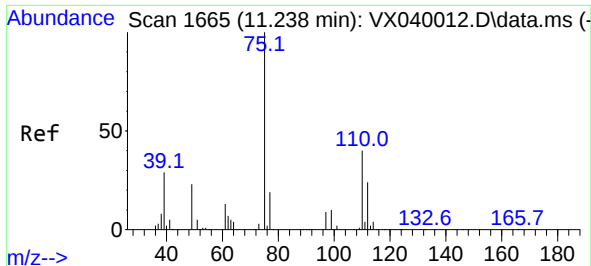
Tgt Ion:152 Resp: 33339
Ion Ratio Lower Upper
152 100
115 65.3 43.3 129.9
150 158.6 0.0 345.0



#74
N-ethyl acetate
Concen: 0.447 ug/l
RT: 10.817 min Scan# 1596
Delta R.T. -0.025 min
Lab File: VX040156.D
Acq: 07 Feb 2024 16:51

Tgt Ion: 43 Resp: 270
Ion Ratio Lower Upper
43 100
70 0.0 32.9 49.3#
55 0.0 19.3 28.9#
61 0.0 18.8 28.2#

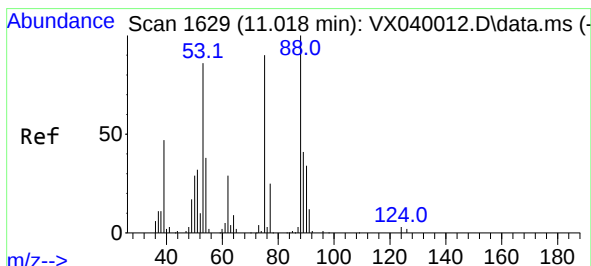
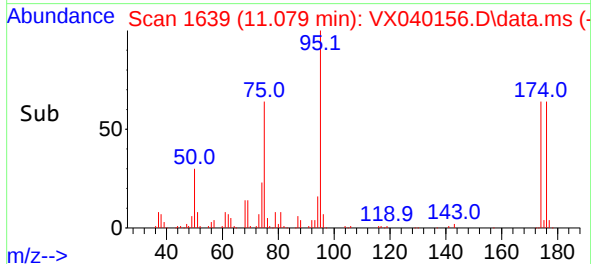
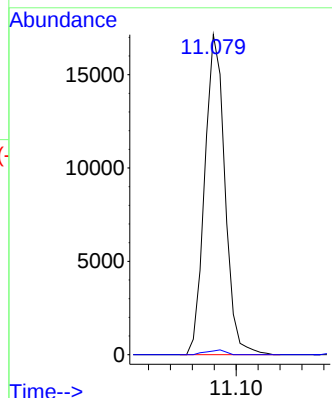
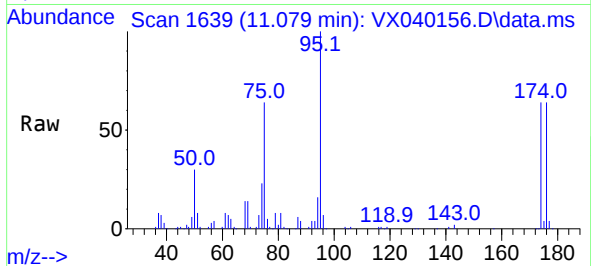




#76
1,2,3-Trichloropropane
Concen: 30.910 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX040156.D
Acq: 07 Feb 2024 16:51

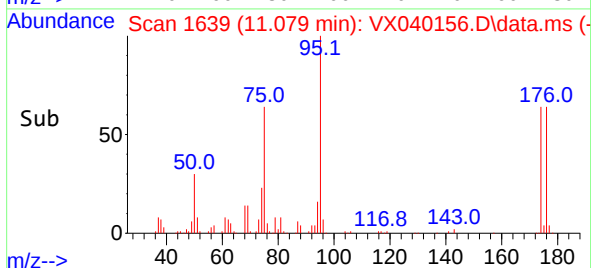
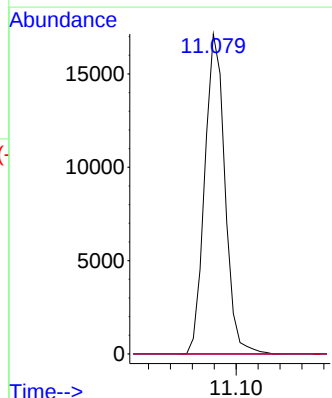
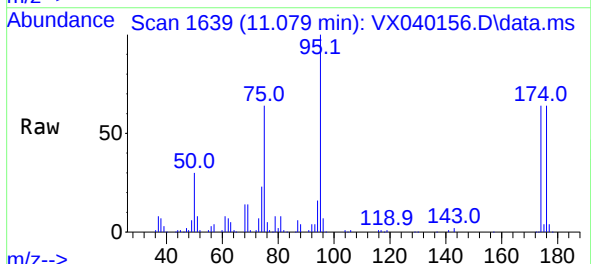
Instrument :
MSVOA_X
ClientSampleId :

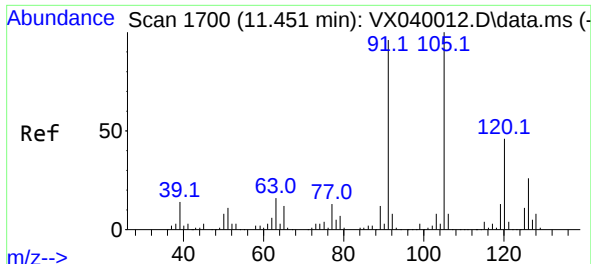
Tgt Ion: 75 Resp: 21945
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 88.144 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040156.D
Acq: 07 Feb 2024 16:51

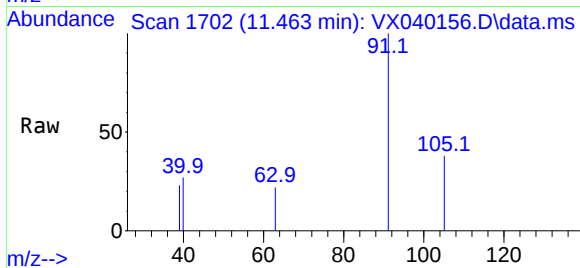
Tgt Ion: 75 Resp: 21945
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



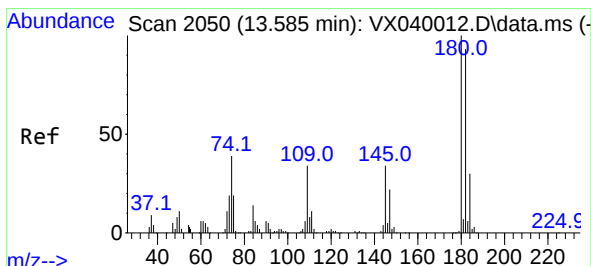
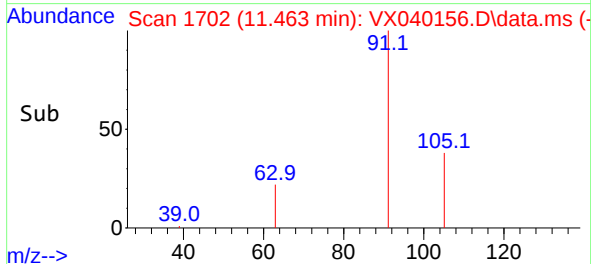
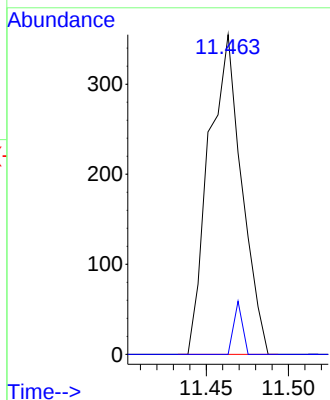


#82
4-Chlorotoluene
Concen: 0.243 ug/l
RT: 11.463 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX040156.D
Acq: 07 Feb 2024 16:51

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 91 Resp: 495
Ion Ratio Lower Upper
91 100
126 4.4 14.2 42.6#



#93
1,2,4-Trichlorobenzene
Concen: 0.219 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.000 min
Lab File: VX040156.D
Acq: 07 Feb 2024 16:51

Tgt Ion: 180 Resp: 147
Ion Ratio Lower Upper
180 100
182 106.8 48.3 144.8
145 0.0 18.0 54.0#

