

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082124\
 Data File : VX043077.D
 Acq On : 21 Aug 2024 10:20
 Operator : JC/MD
 Sample : VX0821WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 22 03:28:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081424W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 04:22:11 2024
 Response via : Initial Calibration

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

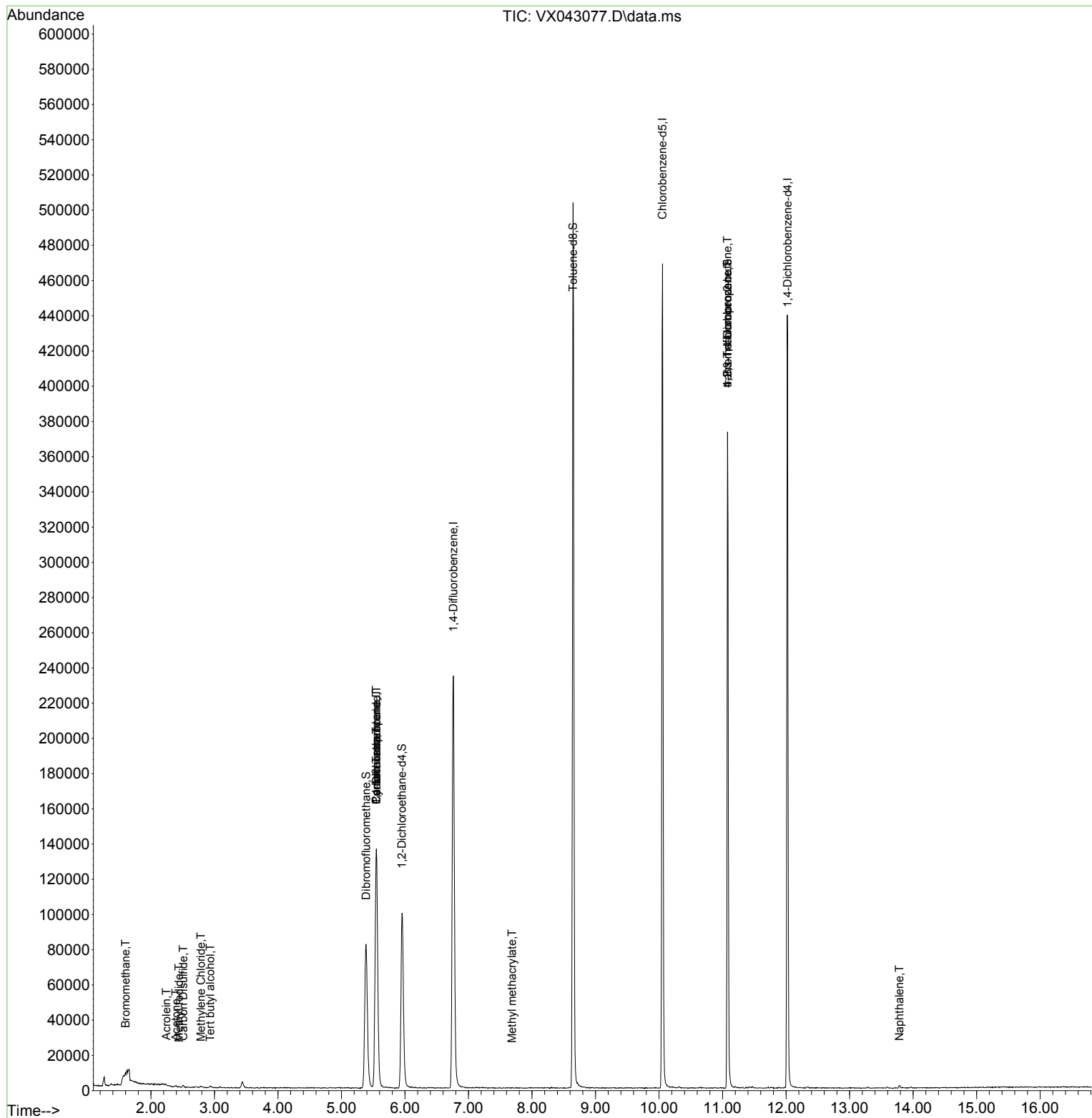
Internal Standards						
1) Pentafluorobenzene	5.550	168	127497	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	241255	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	208859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90356	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	94462	56.384	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.760%	
35) Dibromofluoromethane	5.385	113	75072	50.300	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.600%	
50) Toluene-d8	8.647	98	293877	51.008	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 102.020%	
62) 4-Bromofluorobenzene	11.079	95	106759	51.104	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.200%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.599	94	152	0.262	ug/l #	66
10) Methyl Iodide	2.441	142	99	0.511	ug/l #	34
11) Tert butyl alcohol	2.934	59	194	0.449	ug/l #	58
13) Acrolein	2.239	56	486	1.112	ug/l #	57
16) Acetone	2.392	43	1003	1.207	ug/l #	81
17) Carbon Disulfide	2.508	76	1326	0.301	ug/l	98
20) Methylene Chloride	2.788	84	456	0.237	ug/l	95
31) Cyclohexane	5.550	56	3216	1.152	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	11284	5.442	ug/l #	49
38) Carbon Tetrachloride	5.550	117	13646	6.509	ug/l #	14
48) Methyl methacrylate	7.683	41	59	0.433	ug/l #	41
76) 1,2,3-Trichloropropane	11.079	75	53050	25.618	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	53050	55.878	ug/l #	5
95) Naphthalene	13.786	128	1707	0.256	ug/l #	81

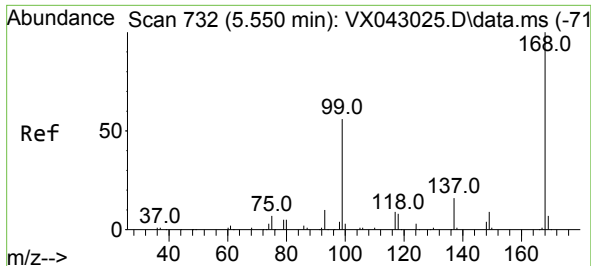
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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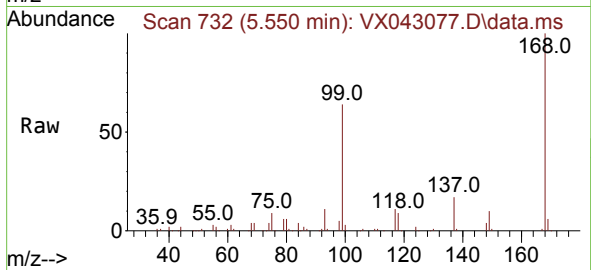
Quant Time: Aug 22 03:28:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081424W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 15 04:22:11 2024
Response via : Initial Calibration



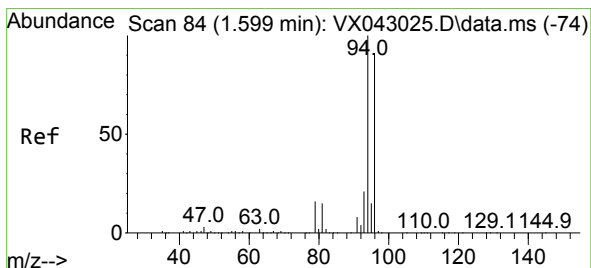
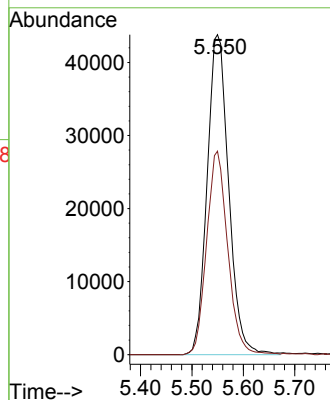


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX043077.D
Acq: 21 Aug 2024 10:20

Instrument :
MSVOA_X
ClientSampleId :

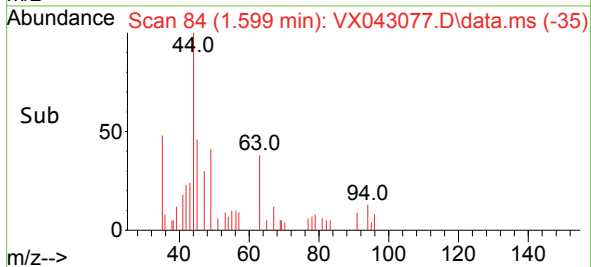
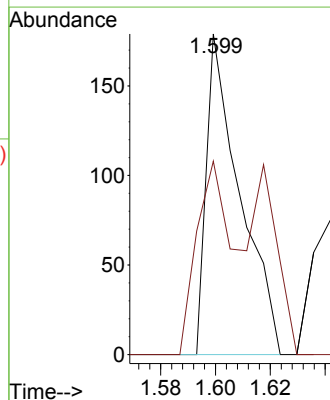
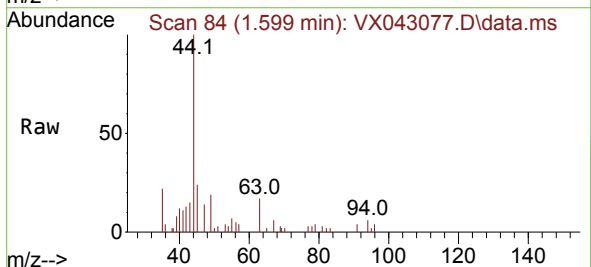


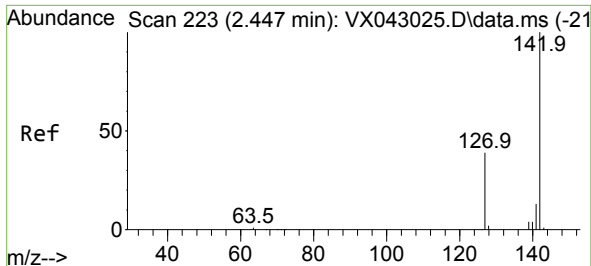
Tgt Ion:168 Resp: 127497
Ion Ratio Lower Upper
168 100
99 63.6 56.6 85.0



#5
Bromomethane
Concen: 0.262 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX043077.D
Acq: 21 Aug 2024 10:20

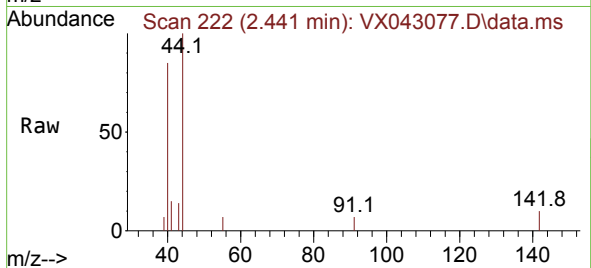
Tgt Ion: 94 Resp: 152
Ion Ratio Lower Upper
94 100
96 60.3 74.6 111.8#



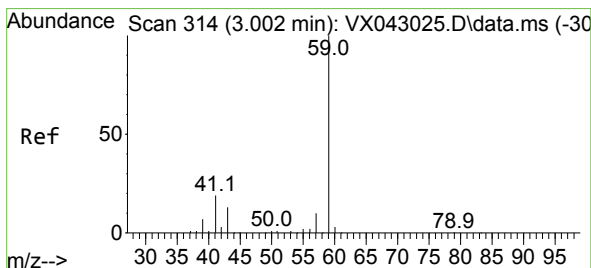
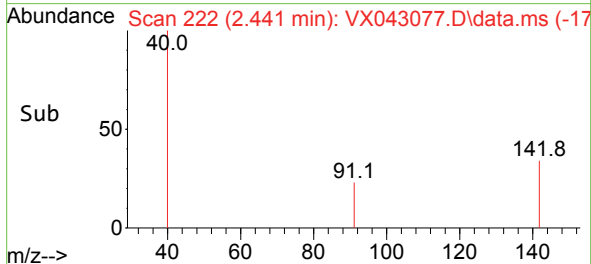
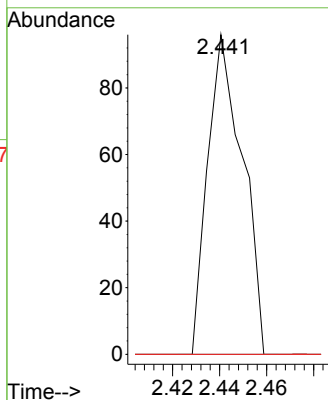


#10
Methyl Iodide
Concen: 0.511 ug/l
RT: 2.441 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX043077.D
Acq: 21 Aug 2024 10:20

Instrument :
MSVOA_X
ClientSampleId :

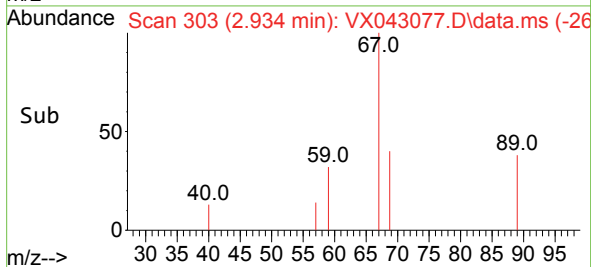
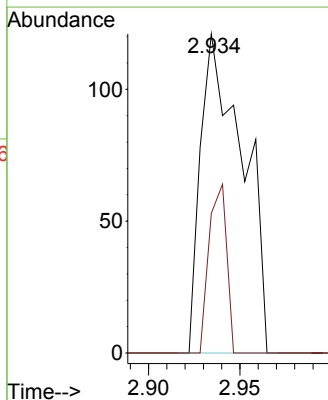
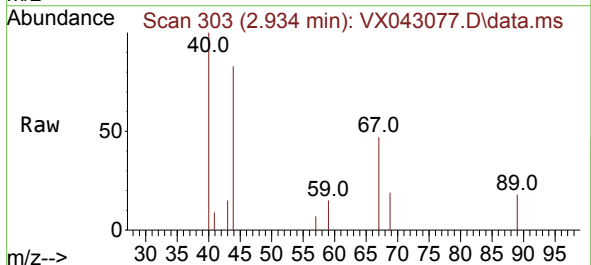


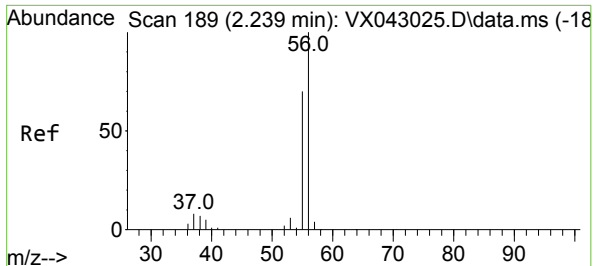
Tgt Ion:142 Resp: 99
Ion Ratio Lower Upper
142 100
127 0.0 41.6 62.4#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 0.449 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.067 min
Lab File: VX043077.D
Acq: 21 Aug 2024 10:20

Tgt Ion: 59 Resp: 194
Ion Ratio Lower Upper
59 100
57 22.2 6.0 9.0#

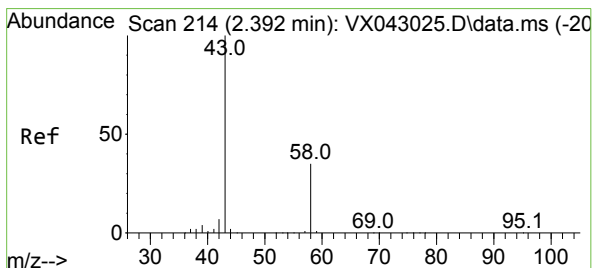
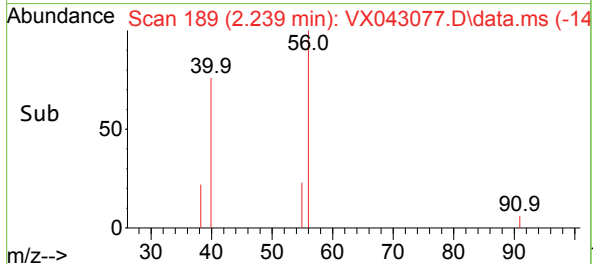
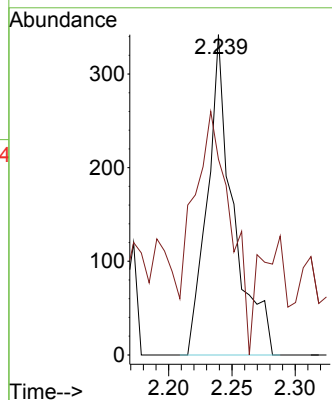
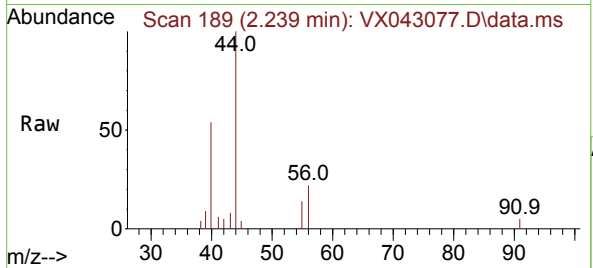




#13
Acrolein
Concen: 1.112 ug/l
RT: 2.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX043077.D
Acq: 21 Aug 2024 10:20

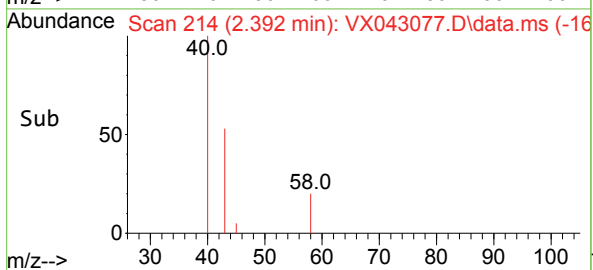
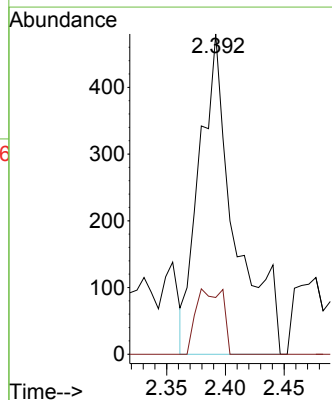
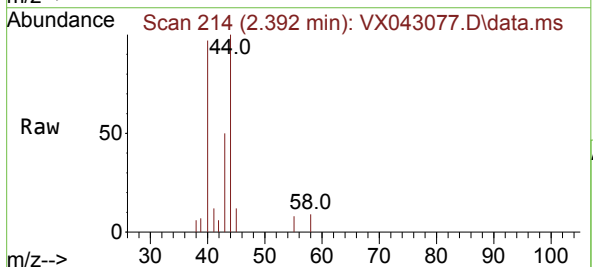
Instrument :
MSVOA_X
ClientSampleId :

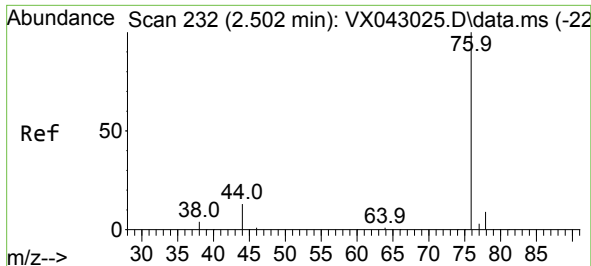
Tgt Ion: 56 Resp: 486
Ion Ratio Lower Upper
56 100
55 107.2 57.1 85.7#



#16
Acetone
Concen: 1.207 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX043077.D
Acq: 21 Aug 2024 10:20

Tgt Ion: 43 Resp: 1003
Ion Ratio Lower Upper
43 100
58 17.7 21.9 32.9#





#17

Carbon Disulfide

Concen: 0.301 ug/l

RT: 2.508 min Scan# 21

Delta R.T. 0.006 min

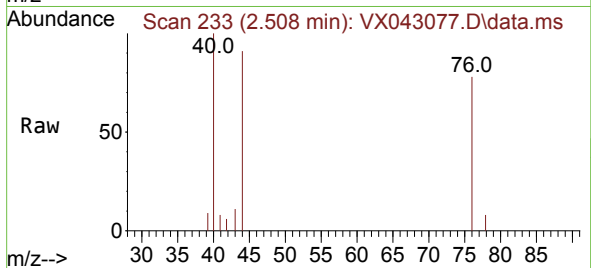
Lab File: VX043077.D

Acq: 21 Aug 2024 10:20

Instrument :

MSVOA_X

ClientSampleId :

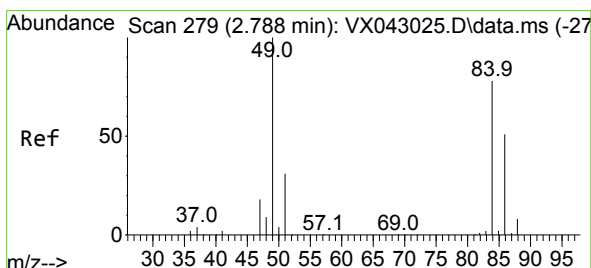
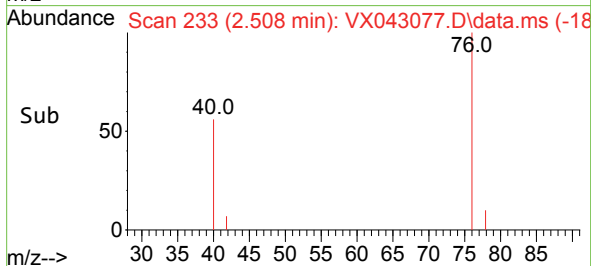
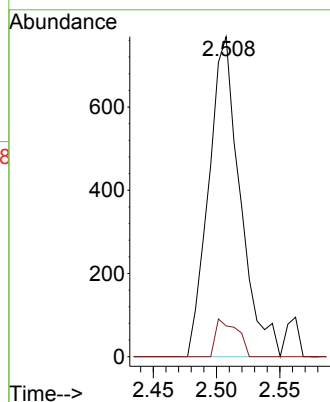


Tgt Ion: 76 Resp: 1326

Ion Ratio Lower Upper

76 100

78 9.6 7.0 10.6



#20

Methylene Chloride

Concen: 0.237 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX043077.D

Acq: 21 Aug 2024 10:20

Tgt Ion: 84 Resp: 456

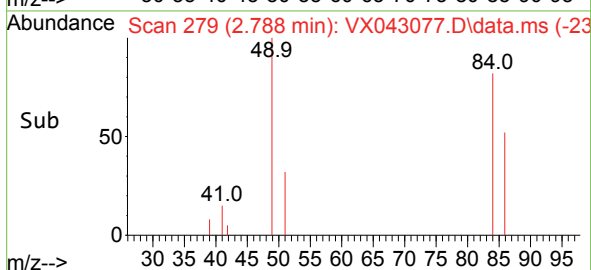
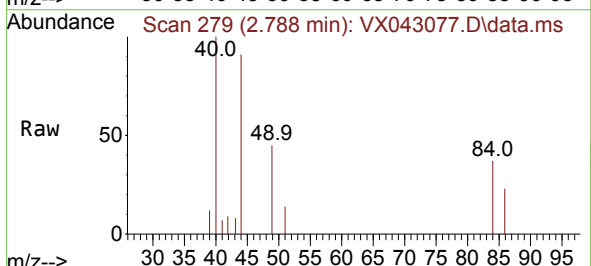
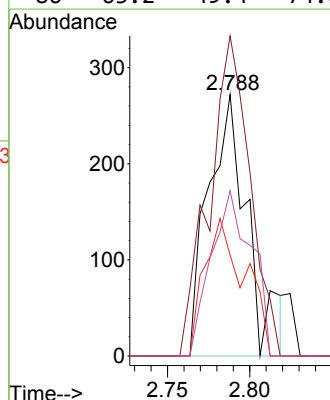
Ion Ratio Lower Upper

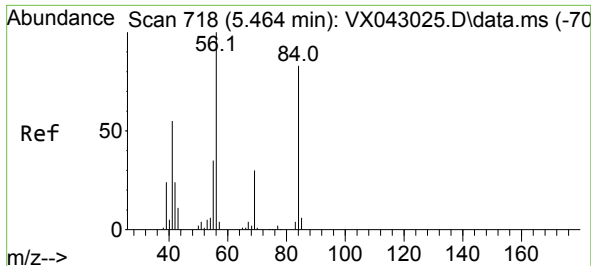
84 100

49 122.4 103.6 155.4

51 38.6 33.8 50.6

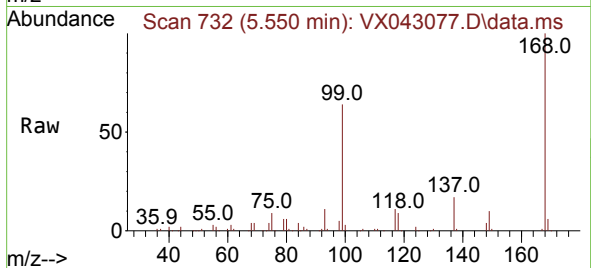
86 63.2 49.4 74.0



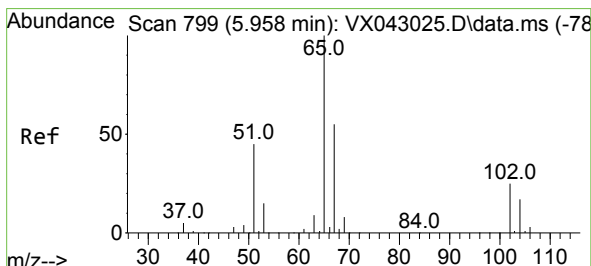
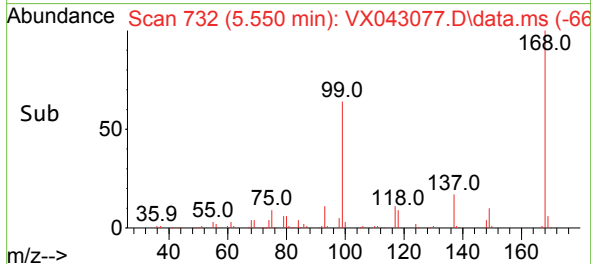
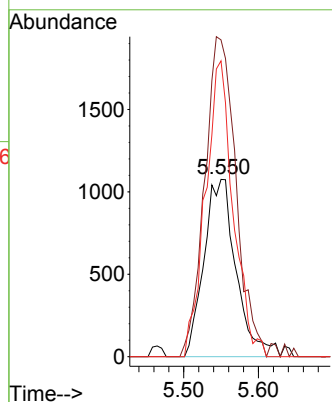


#31
Cyclohexane
Concen: 1.152 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX043077.D
Acq: 21 Aug 2024 10:20

Instrument :
MSVOA_X
ClientSampleId :

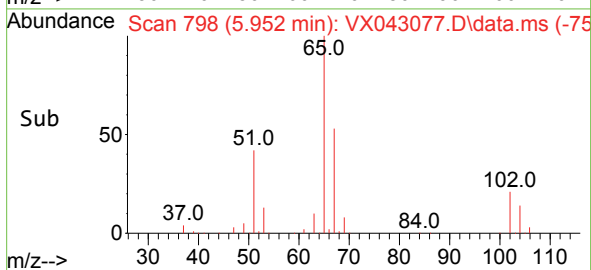
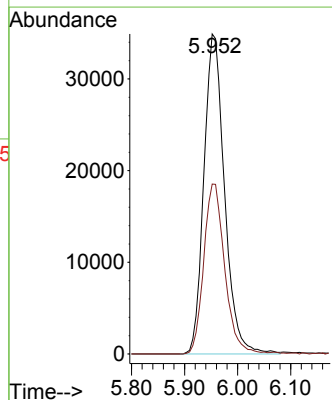
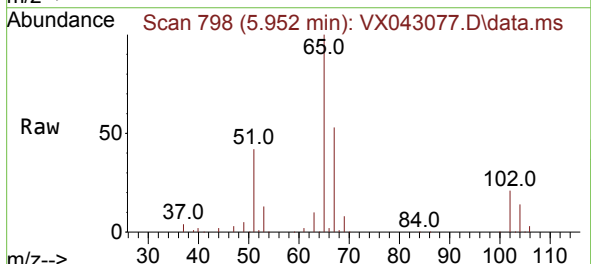


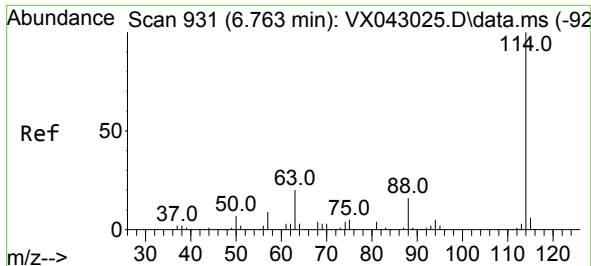
Tgt Ion: 56 Resp: 3216
Ion Ratio Lower Upper
56 100
69 178.7 23.4 35.2#
84 177.0 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 56.384 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX043077.D
Acq: 21 Aug 2024 10:20

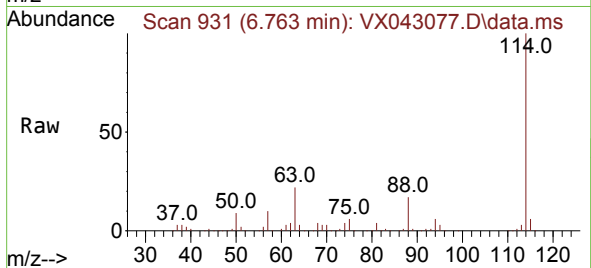
Tgt Ion: 65 Resp: 94462
Ion Ratio Lower Upper
65 100
67 54.2 0.0 100.2



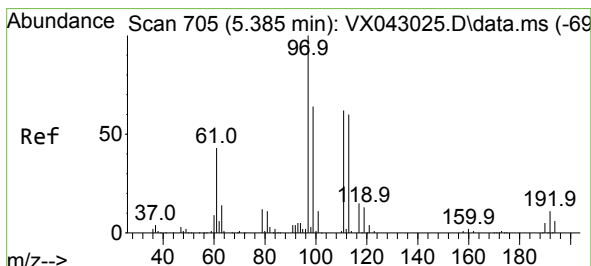
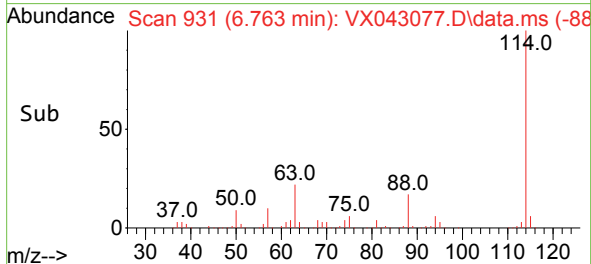
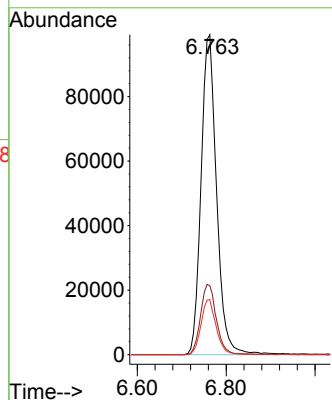


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX043077.D
Acq: 21 Aug 2024 10:20

Instrument :
MSVOA_X
ClientSampleId :

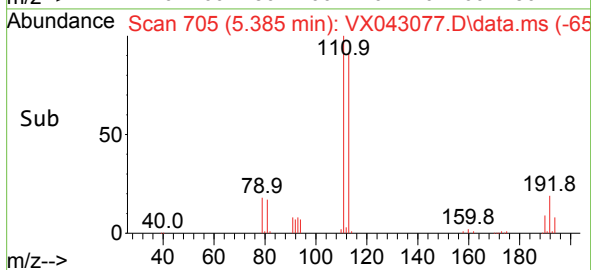
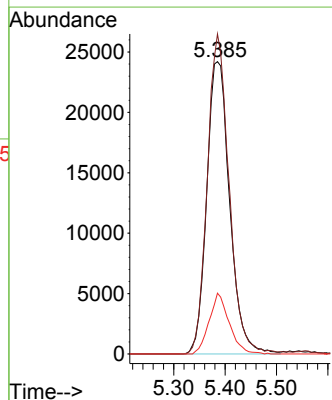
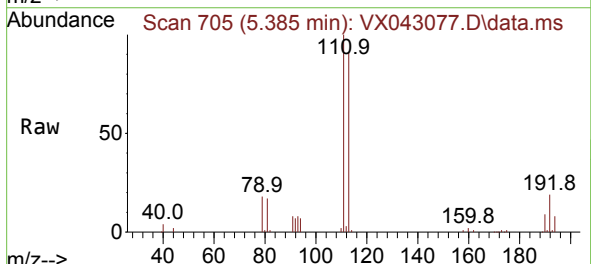


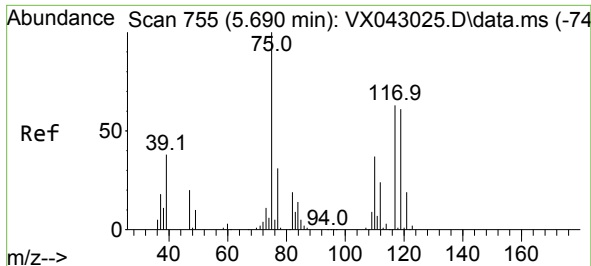
Tgt Ion:114 Resp: 241255
Ion Ratio Lower Upper
114 100
63 21.6 0.0 45.0
88 17.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 50.300 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX043077.D
Acq: 21 Aug 2024 10:20

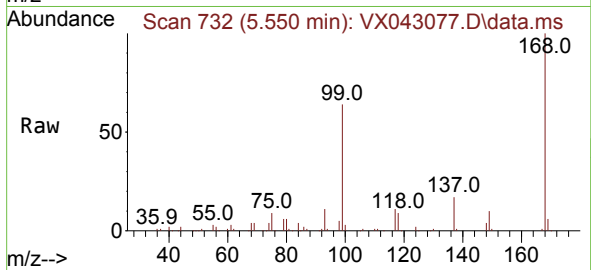
Tgt Ion:113 Resp: 75072
Ion Ratio Lower Upper
113 100
111 104.3 82.9 124.3
192 18.2 13.3 19.9



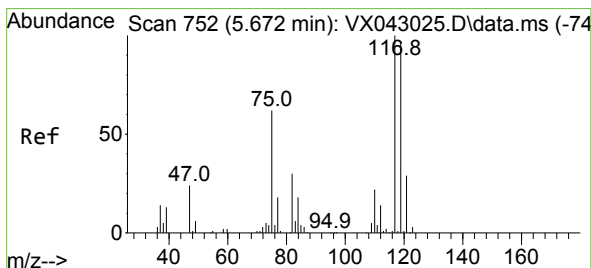
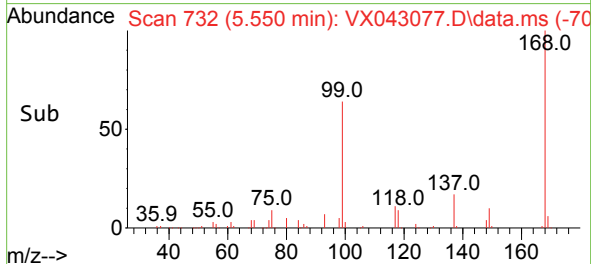
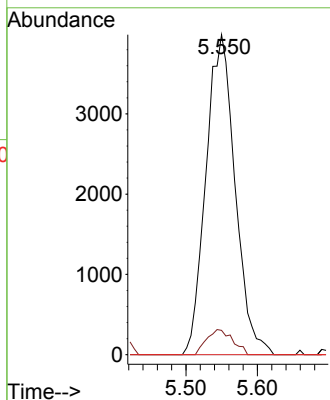


#36
1,1-Dichloropropene
Concen: 5.442 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX043077.D
Acq: 21 Aug 2024 10:20

Instrument :
MSVOA_X
ClientSampleId :

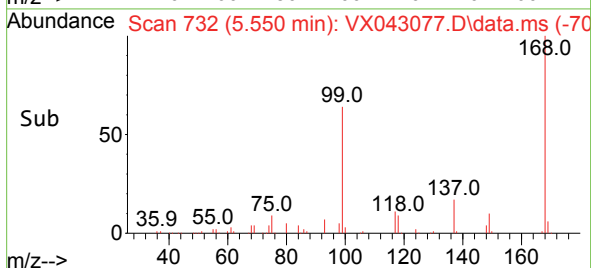
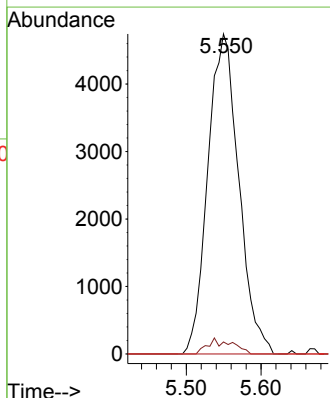
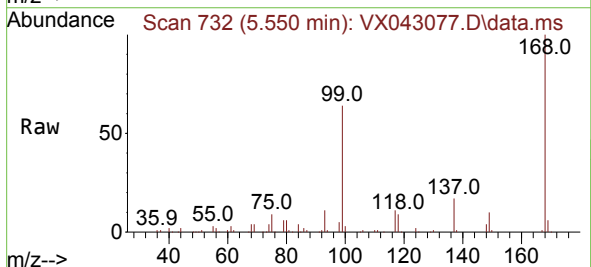


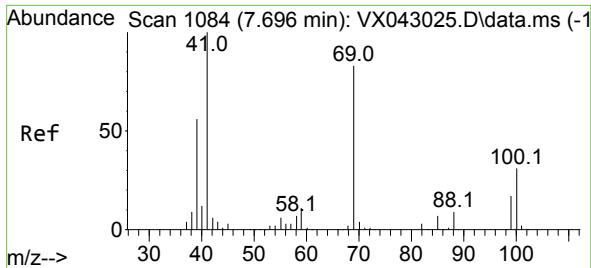
Tgt Ion: 75 Resp: 11284
Ion Ratio Lower Upper
75 100
110 7.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.509 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX043077.D
Acq: 21 Aug 2024 10:20

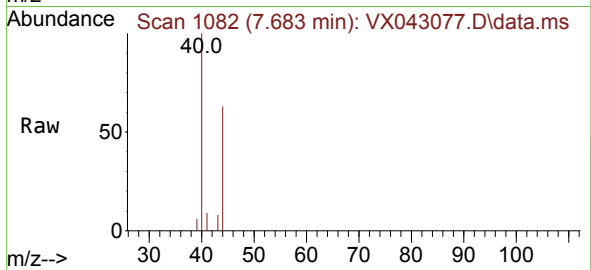
Tgt Ion: 117 Resp: 13646
Ion Ratio Lower Upper
117 100
119 3.7 78.2 117.2#
121 0.0 24.4 36.6#



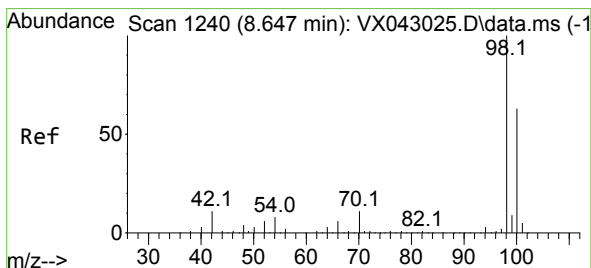
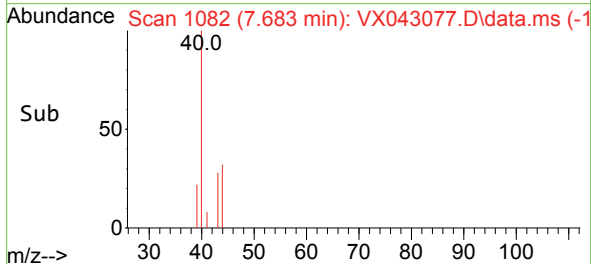
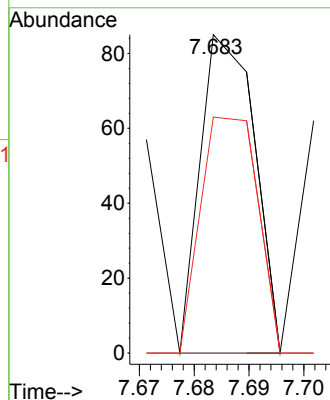


#48
Methyl methacrylate
Concen: 0.433 ug/l
RT: 7.683 min Scan# 1082
Delta R.T. -0.012 min
Lab File: VX043077.D
Acq: 21 Aug 2024 10:20

Instrument :
MSVOA_X
ClientSampleId :

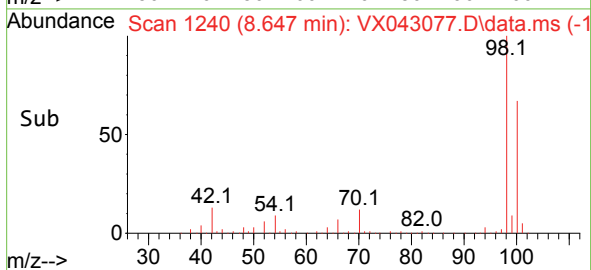
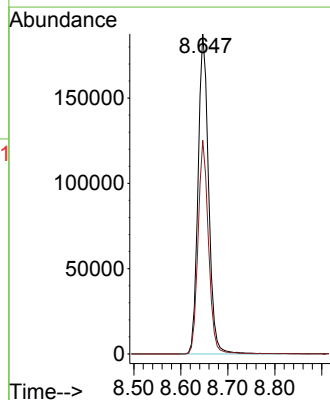
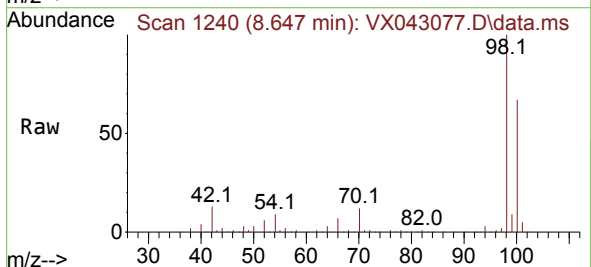


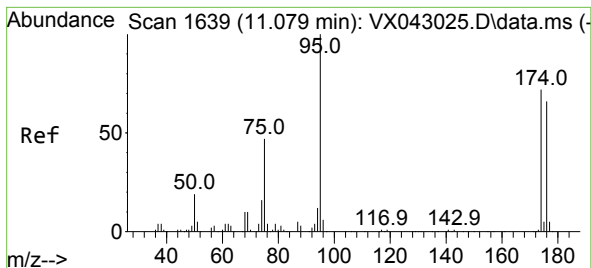
Tgt Ion: 41 Resp: 59
Ion Ratio Lower Upper
41 100
69 0.0 59.2 88.8#
39 78.0 47.7 71.5#



#50
Toluene-d8
Concen: 51.008 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX043077.D
Acq: 21 Aug 2024 10:20

Tgt Ion: 98 Resp: 293877
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7

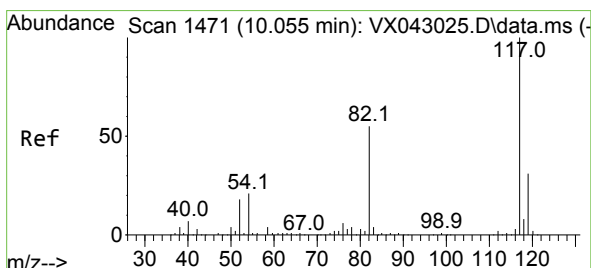
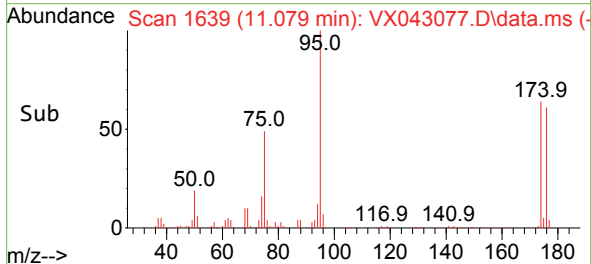
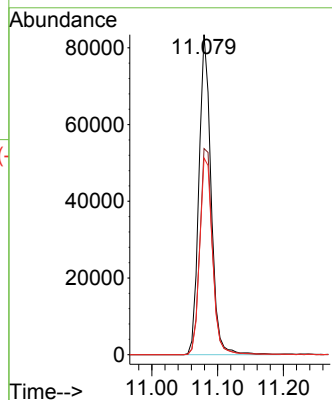
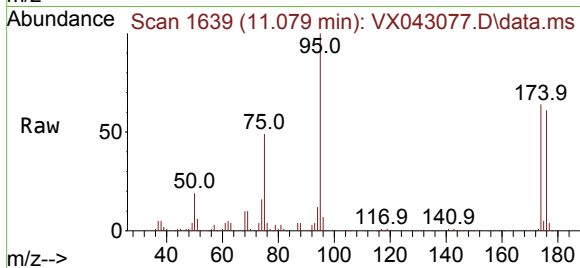




#62
4-Bromofluorobenzene
Concen: 51.104 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX043077.D
Acq: 21 Aug 2024 10:20

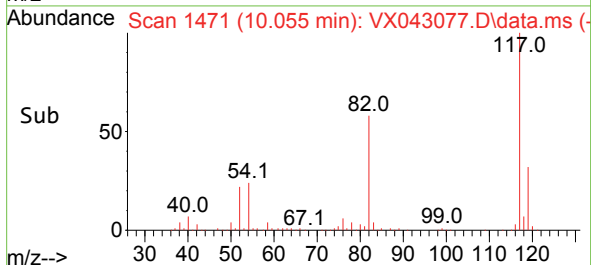
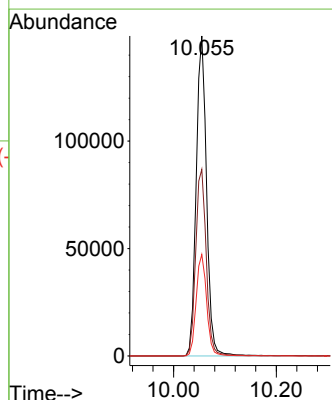
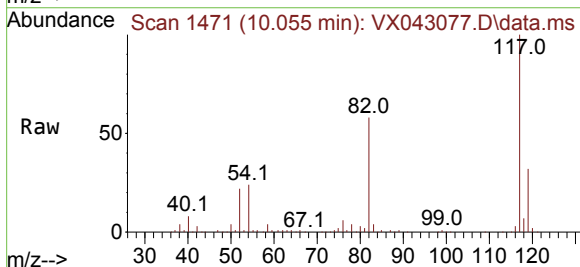
Instrument :
MSVOA_X
ClientSampleId :

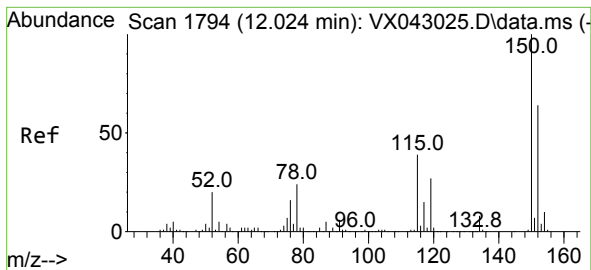
Tgt Ion: 95 Resp: 106759
Ion Ratio Lower Upper
95 100
174 67.7 0.0 135.6
176 65.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX043077.D
Acq: 21 Aug 2024 10:20

Tgt Ion: 117 Resp: 208859
Ion Ratio Lower Upper
117 100
82 58.3 46.2 69.4
119 31.7 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX043077.D

Acq: 21 Aug 2024 10:20

Instrument :

MSVOA_X

ClientSampleId :

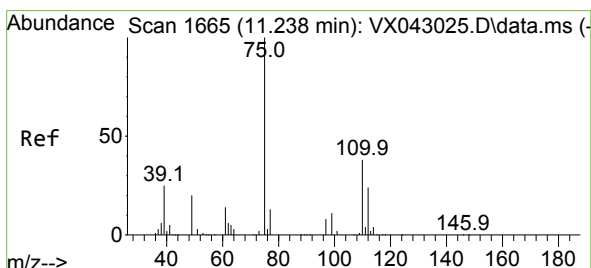
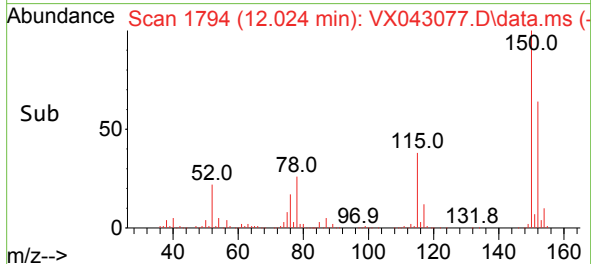
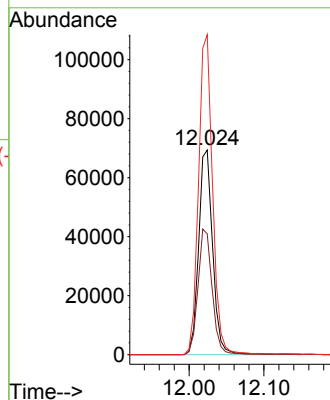
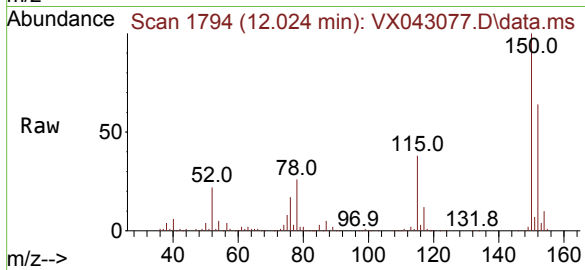
Tgt Ion:152 Resp: 90356

Ion Ratio Lower Upper

152 100

115 62.1 43.3 129.9

150 156.3 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 25.618 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX043077.D

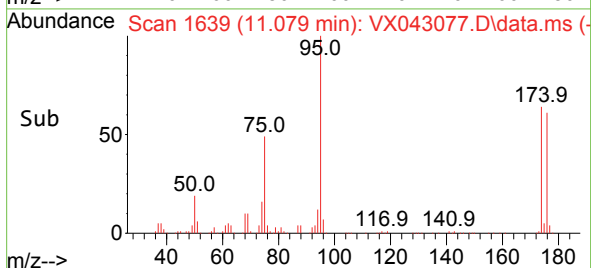
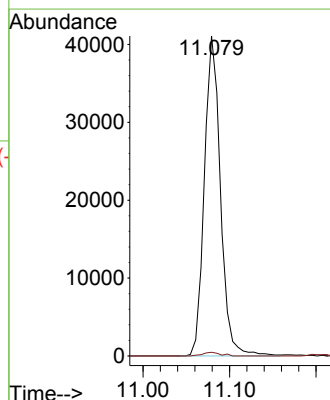
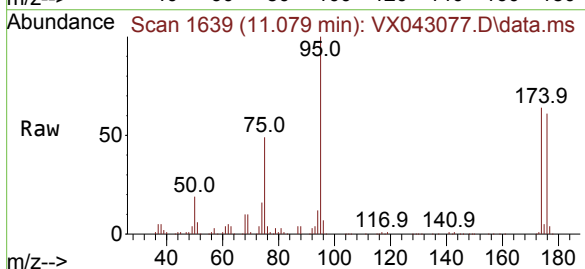
Acq: 21 Aug 2024 10:20

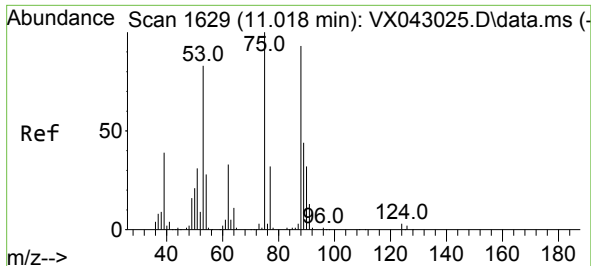
Tgt Ion: 75 Resp: 53050

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#

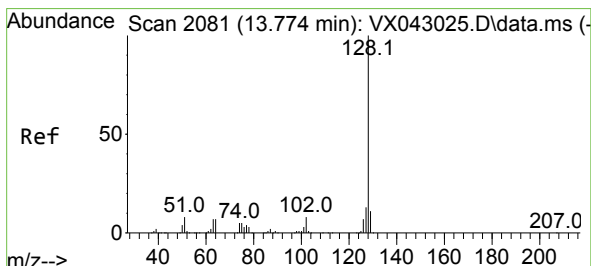
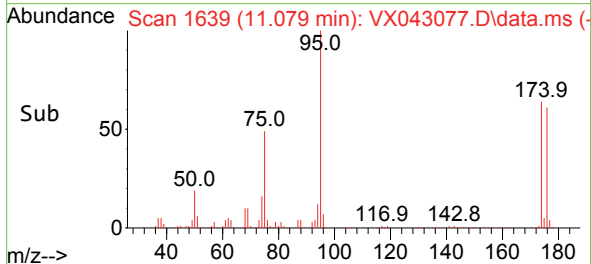
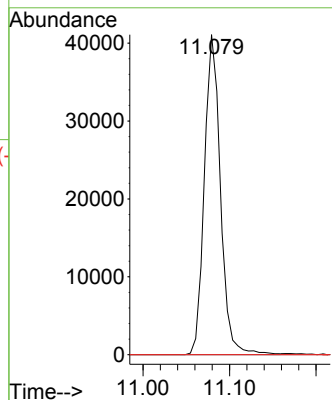
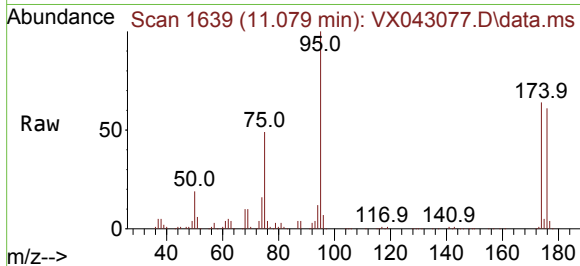




#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.878 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX043077.D
 Acq: 21 Aug 2024 10:20

Instrument :
 MSVOA_X
 ClientSampleId :

Tgt Ion: 75 Resp: 53050
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#



#95
 Naphthalene
 Concen: 0.256 ug/l
 RT: 13.786 min Scan# 2083
 Delta R.T. 0.012 min
 Lab File: VX043077.D
 Acq: 21 Aug 2024 10:20

Tgt Ion: 128 Resp: 1707
 Ion Ratio Lower Upper
 128 100
 127 5.2 10.3 15.5#
 129 3.9 8.8 13.2#

