

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012624\
 Data File : VX039976.D
 Acq On : 26 Jan 2024 12:29
 Operator : JC/MD
 Sample : P1263-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB01-012524

Quant Time: Jan 29 00:39:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 03:51:26 2024
 Response via : Initial Calibration

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

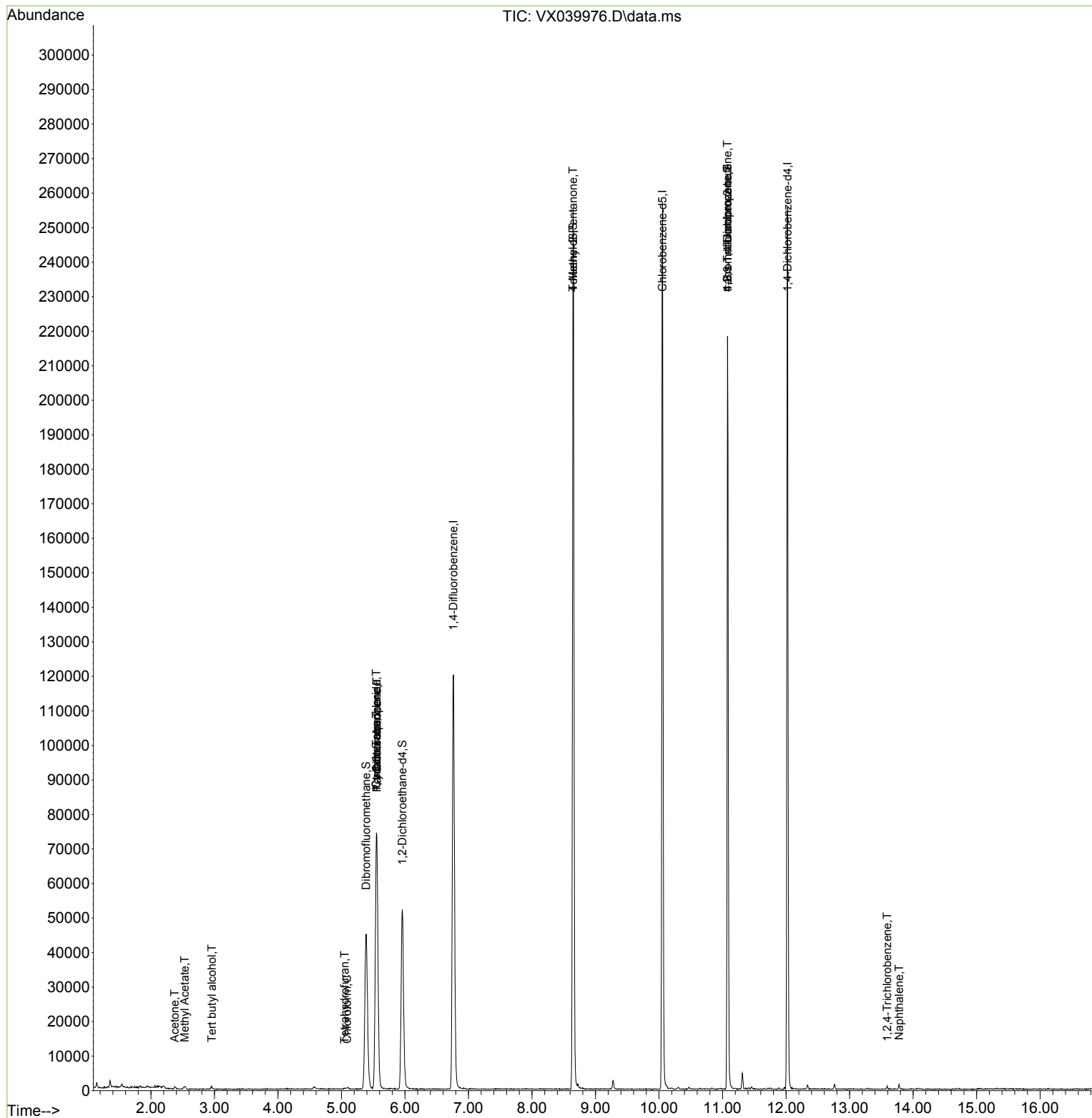
Internal Standards						
1) Pentafluorobenzene	5.556	168	67409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	121066	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	115124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	50914	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	50402	44.635	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.280%		
35) Dibromofluoromethane	5.385	113	39655	48.631	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.260%		
50) Toluene-d8	8.647	98	151901	49.391	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.780%		
62) 4-Bromofluorobenzene	11.079	95	58432	48.586	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.180%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.959	59	719	2.446	ug/l #	78
13) Acrolein	2.118	56	27	Below Cal	#	14
16) Acetone	2.374	43	726	1.143	ug/l #	88
18) Methyl Acetate	2.532	43	271	0.204	ug/l #	53
29) Tetrahydrofuran	5.050	42	177	0.301	ug/l #	34
30) Chloroform	5.087	83	517	0.312	ug/l #	19
31) Cyclohexane	5.550	56	1773	1.190	ug/l #	15
36) 1,1-Dichloropropene	5.556	75	6258	4.930	ug/l #	51
38) Carbon Tetrachloride	5.550	117	7429	6.391	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	736	0.430	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	31083	23.548	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	31083	67.817	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	297	0.284	ug/l #	75
95) Naphthalene	13.780	128	1200	0.312	ug/l #	85

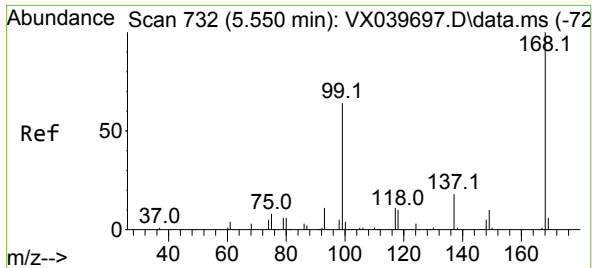
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 29 00:39:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration

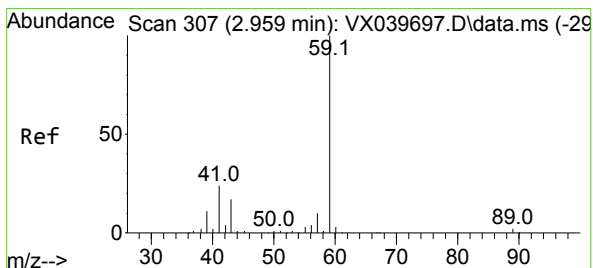
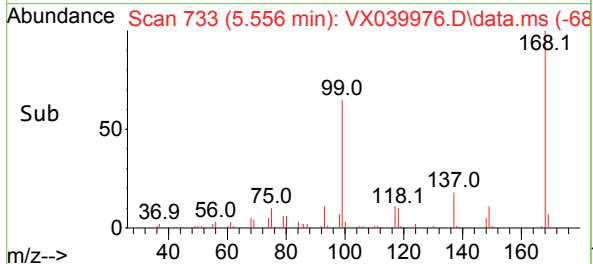
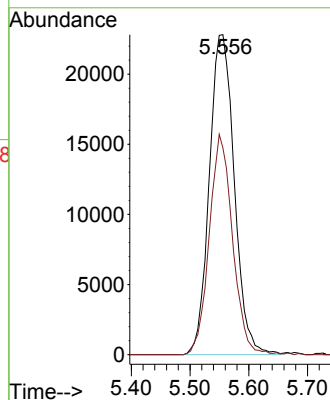
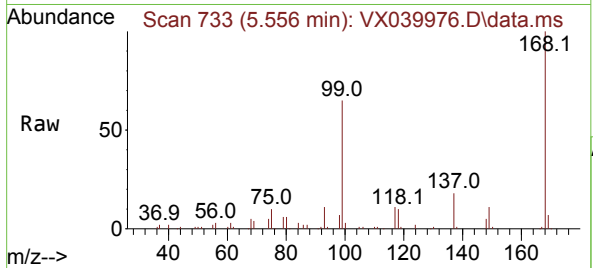




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX039976.D
Acq: 26 Jan 2024 12:29

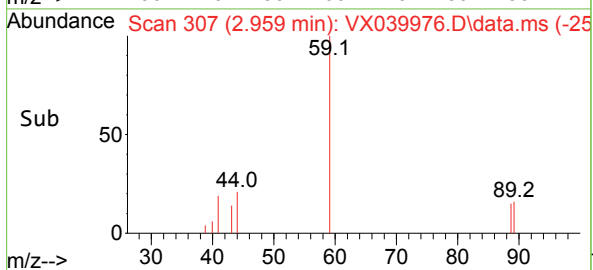
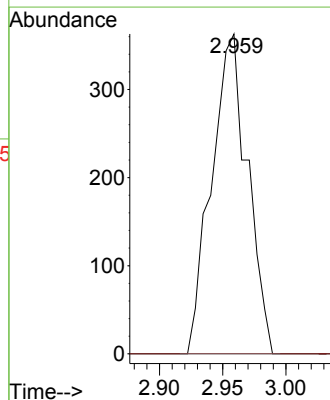
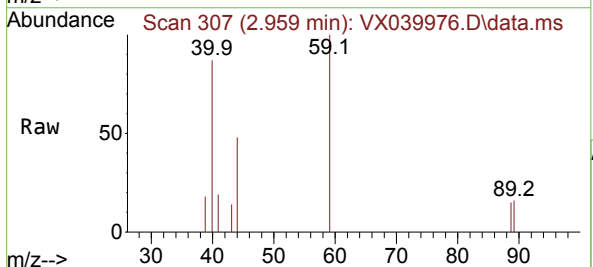
Instrument :
MSVOA_X
ClientSampleId :
EB01-012524

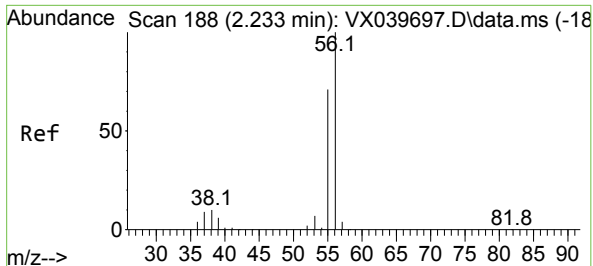
Tgt Ion:168 Resp: 67409
Ion Ratio Lower Upper
168 100
99 64.6 56.6 85.0



#11
Tert butyl alcohol
Concen: 2.446 ug/l
RT: 2.959 min Scan# 307
Delta R.T. 0.000 min
Lab File: VX039976.D
Acq: 26 Jan 2024 12:29

Tgt Ion: 59 Resp: 719
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

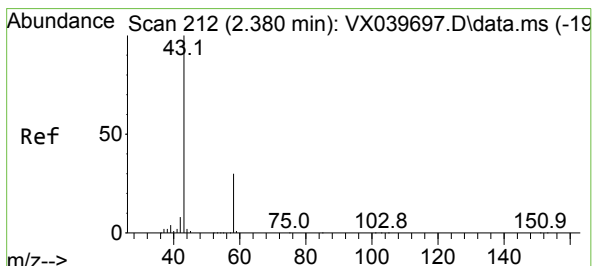
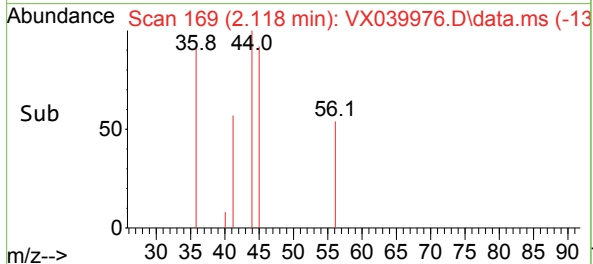
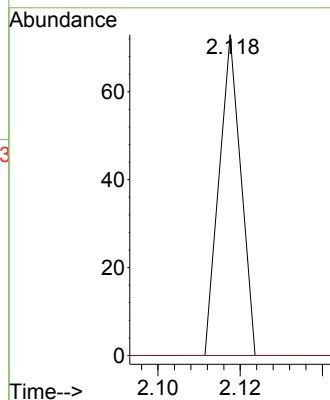
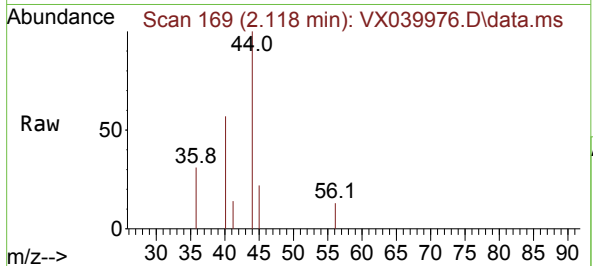




#13
Acrolein
Concen: Below Cal
RT: 2.118 min Scan# 11
Delta R.T. -0.115 min
Lab File: VX039976.D
Acq: 26 Jan 2024 12:29

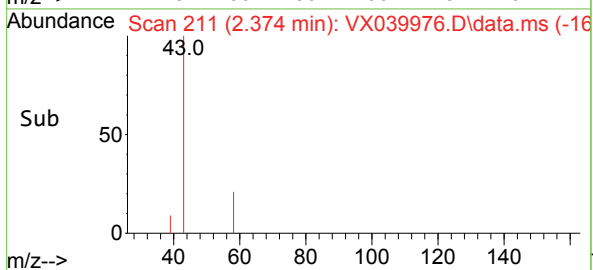
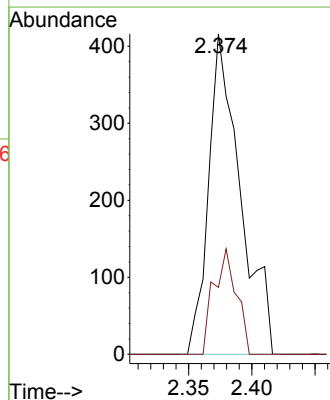
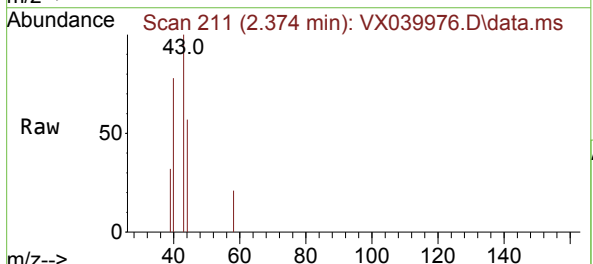
Instrument :
MSVOA_X
ClientSampleId :
EB01-012524

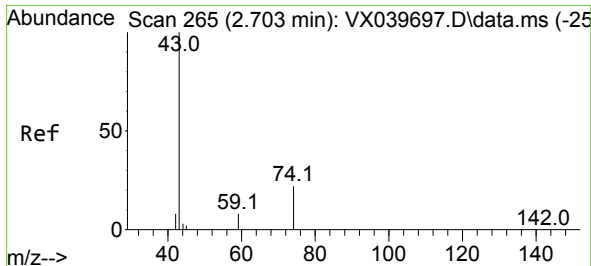
Tgt Ion: 56 Resp: 27
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 1.143 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039976.D
Acq: 26 Jan 2024 12:29

Tgt Ion: 43 Resp: 726
Ion Ratio Lower Upper
43 100
58 20.9 21.9 32.9#





#18

Methyl Acetate

Concen: 0.204 ug/l

RT: 2.532 min Scan# 21

Delta R.T. -0.171 min

Lab File: VX039976.D

Acq: 26 Jan 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

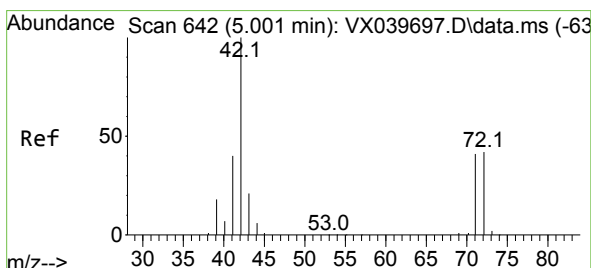
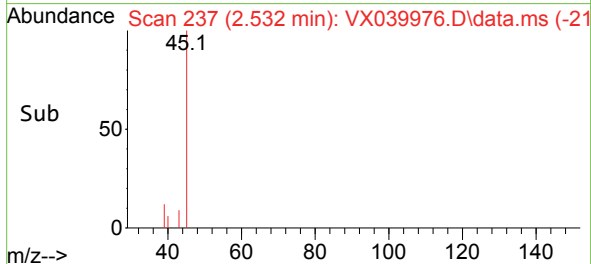
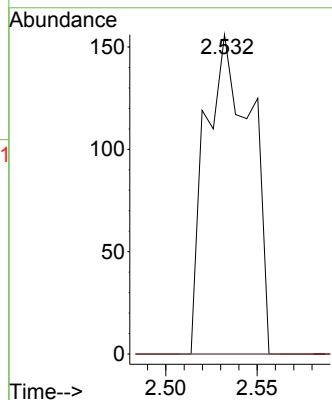
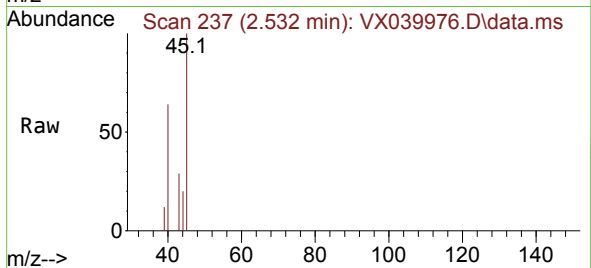
EB01-012524

Tgt Ion: 43 Resp: 271

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#



#29

Tetrahydrofuran

Concen: 0.301 ug/l

RT: 5.050 min Scan# 650

Delta R.T. 0.049 min

Lab File: VX039976.D

Acq: 26 Jan 2024 12:29

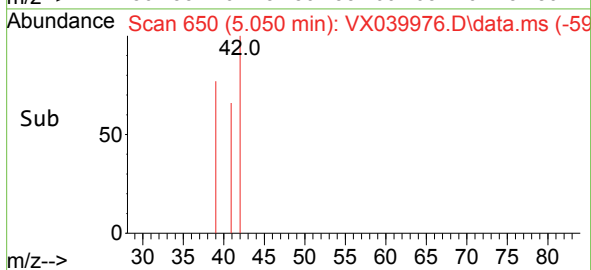
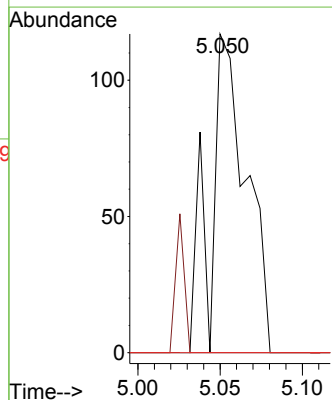
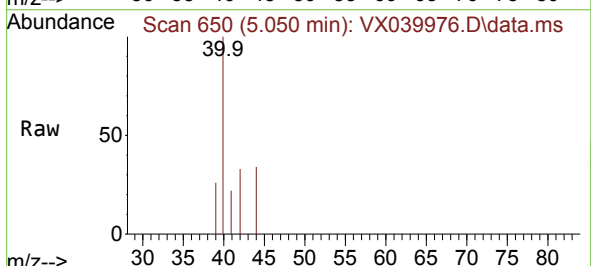
Tgt Ion: 42 Resp: 177

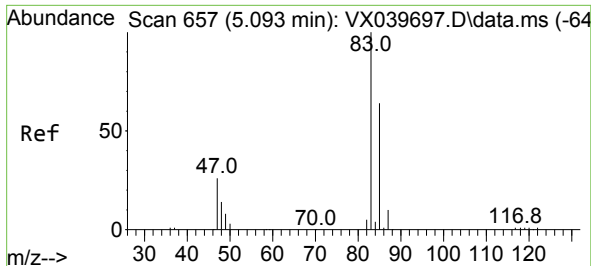
Ion Ratio Lower Upper

42 100

72 0.0 34.2 51.4#

71 0.0 32.2 48.2#

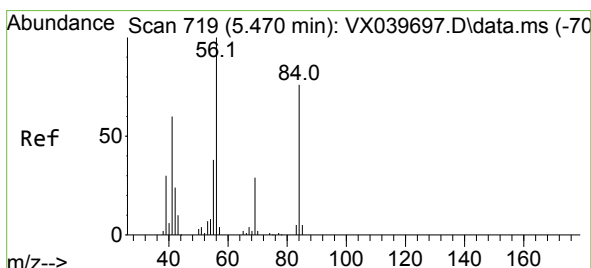
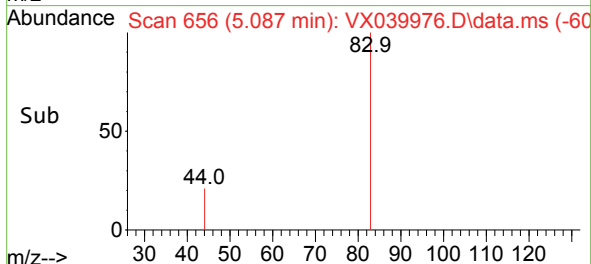
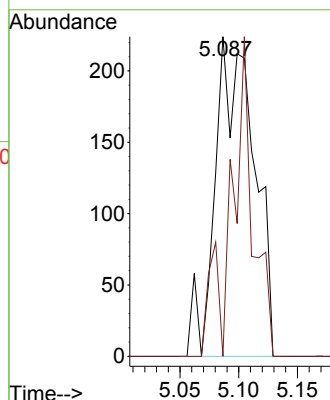
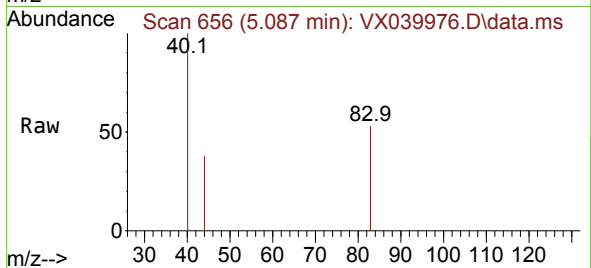




#30
Chloroform
Concen: 0.312 ug/l
RT: 5.087 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039976.D
Acq: 26 Jan 2024 12:29

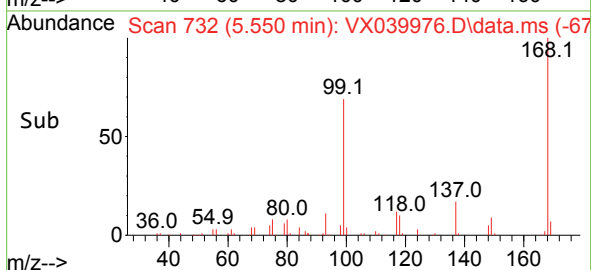
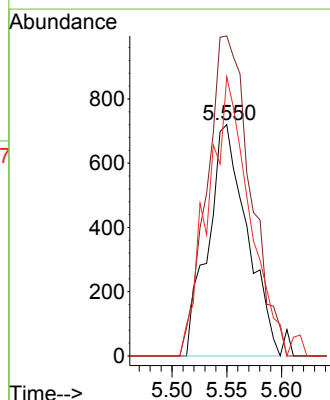
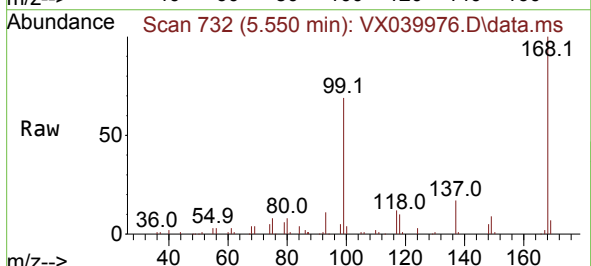
Instrument :
MSVOA_X
ClientSampleId :
EB01-012524

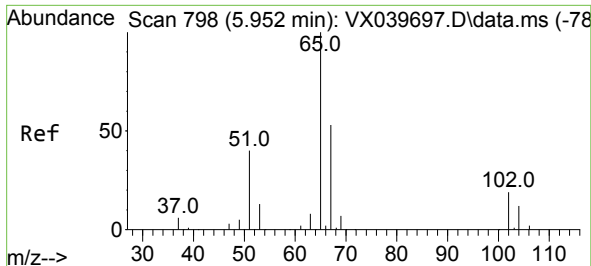
Tgt Ion: 83 Resp: 517
Ion Ratio Lower Upper
83 100
85 0.0 50.3 75.5#



#31
Cyclohexane
Concen: 1.190 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX039976.D
Acq: 26 Jan 2024 12:29

Tgt Ion: 56 Resp: 1773
Ion Ratio Lower Upper
56 100
69 138.3 23.4 35.2#
84 120.7 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 44.635 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX039976.D

Acq: 26 Jan 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

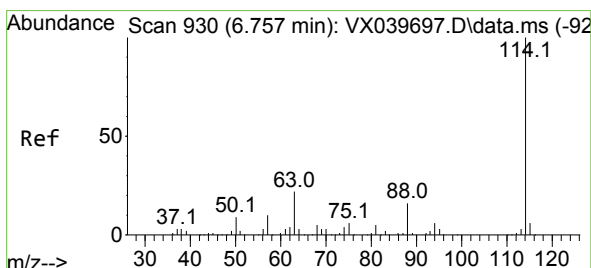
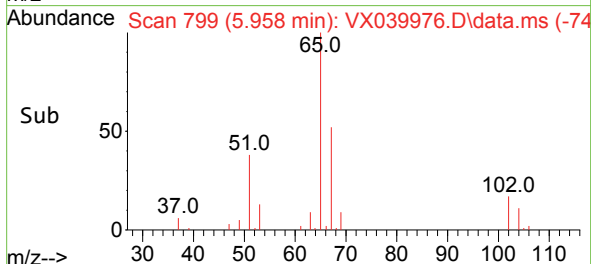
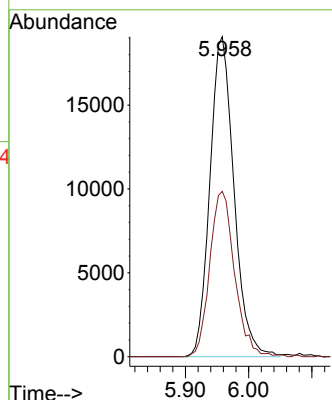
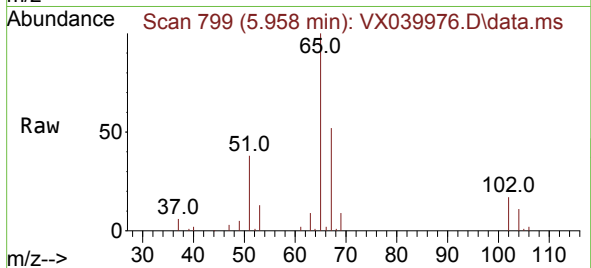
EB01-012524

Tgt Ion: 65 Resp: 50402

Ion Ratio Lower Upper

65 100

67 53.4 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX039976.D

Acq: 26 Jan 2024 12:29

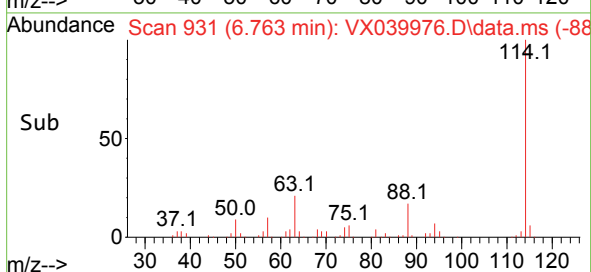
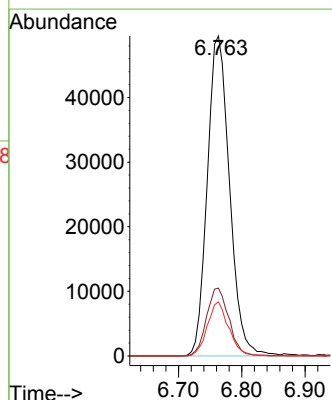
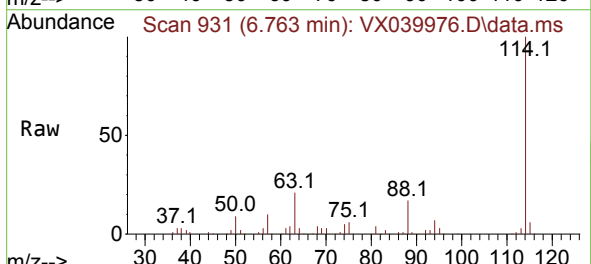
Tgt Ion: 114 Resp: 121066

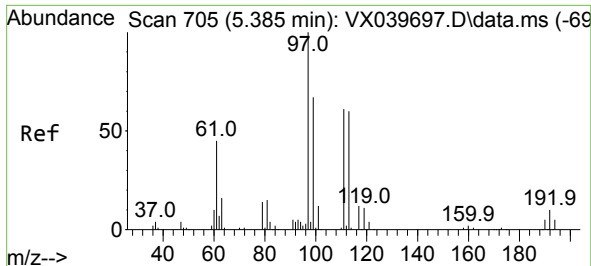
Ion Ratio Lower Upper

114 100

63 21.2 0.0 45.0

88 16.9 0.0 36.6

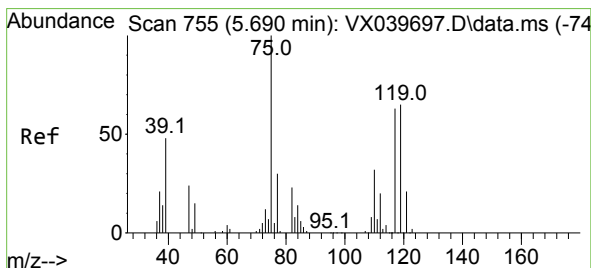
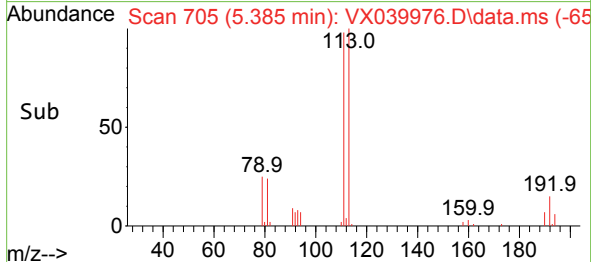
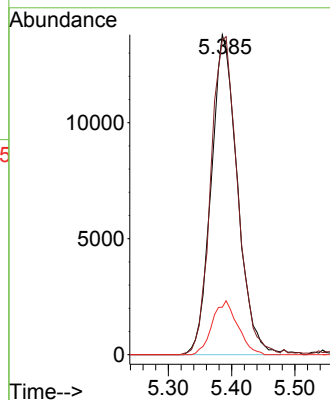
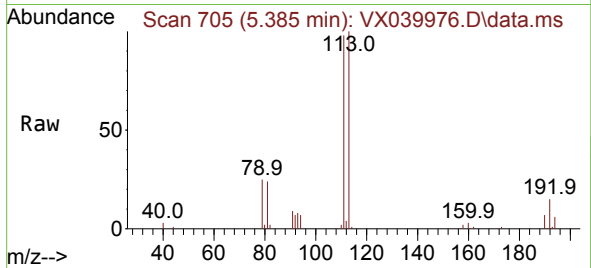




#35
Dibromofluoromethane
Concen: 48.631 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039976.D
Acq: 26 Jan 2024 12:29

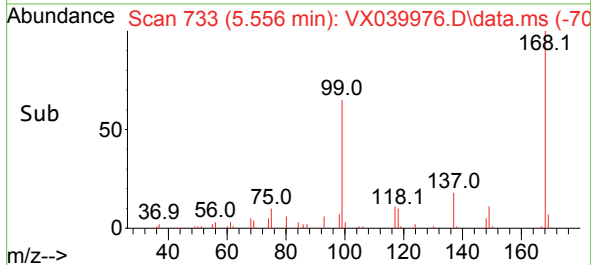
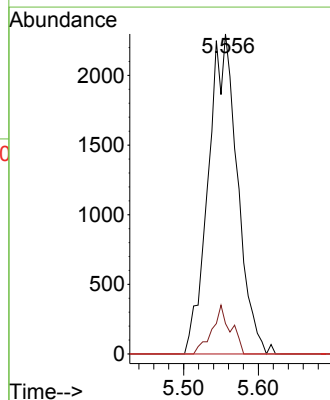
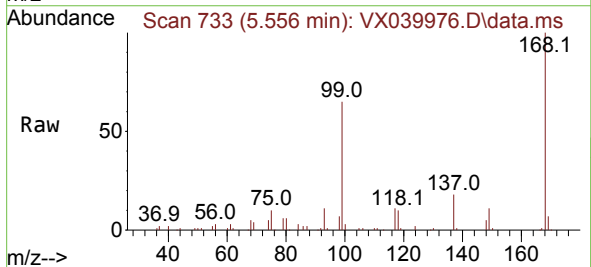
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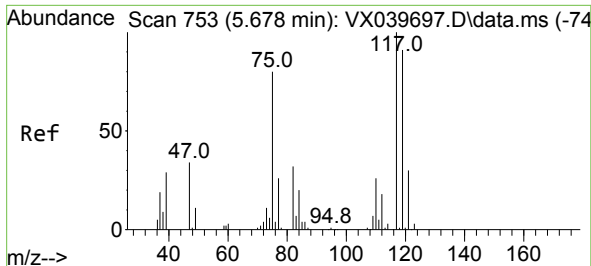
Tgt Ion:113 Resp: 39655
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 16.4 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.930 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX039976.D
Acq: 26 Jan 2024 12:29

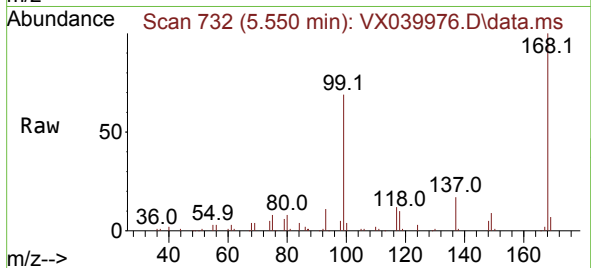
Tgt Ion: 75 Resp: 6258
Ion Ratio Lower Upper
75 100
110 9.7 17.0 50.9#
77 0.0 24.7 37.1#



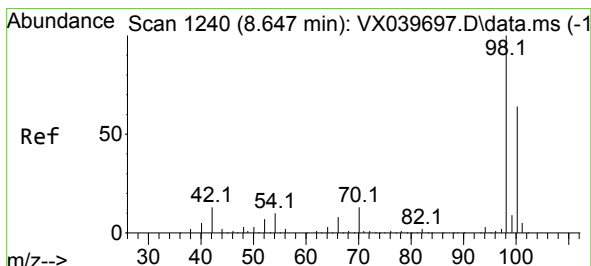
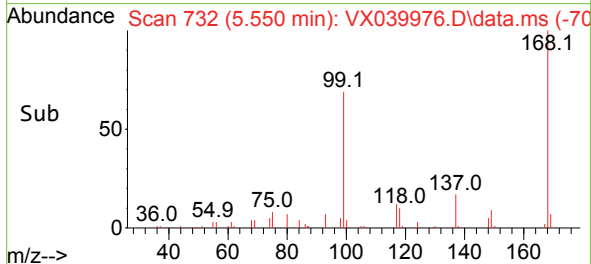
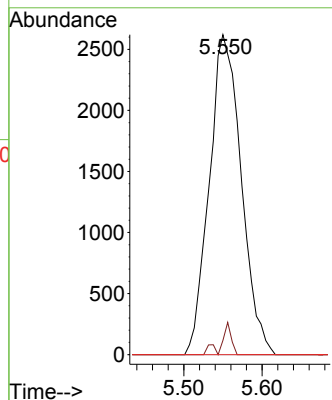


#38
Carbon Tetrachloride
Concen: 6.391 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX039976.D
Acq: 26 Jan 2024 12:29

Instrument :
MSVOA_X
ClientSampleId :
EB01-012524

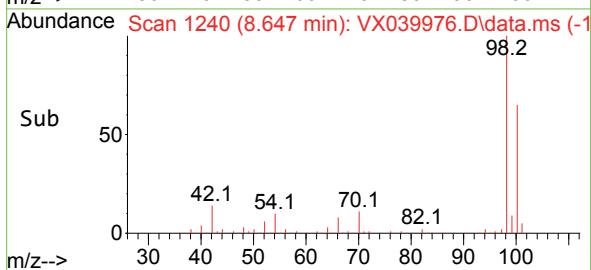
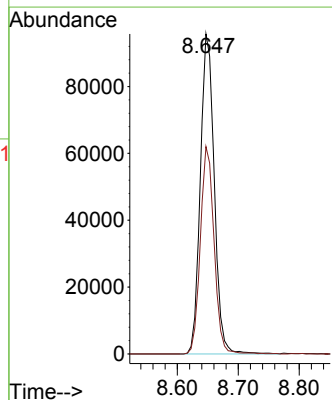
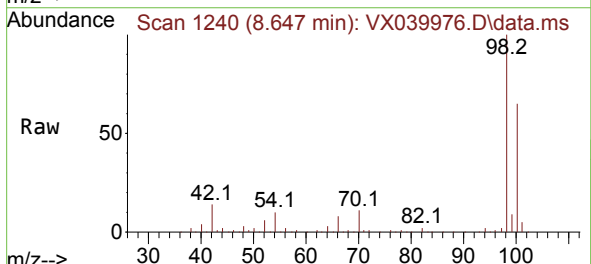


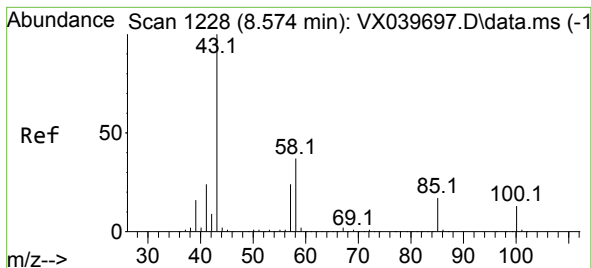
Tgt Ion:117 Resp: 7429
Ion Ratio Lower Upper
117 100
119 4.4 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.391 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039976.D
Acq: 26 Jan 2024 12:29

Tgt Ion: 98 Resp: 151901
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7





#51

4-Methyl-2-Pentanone

Concen: 0.430 ug/l

RT: 8.647 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX039976.D

Acq: 26 Jan 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

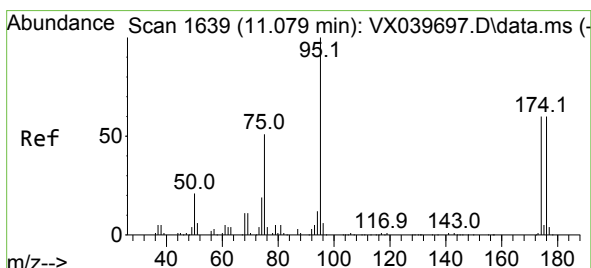
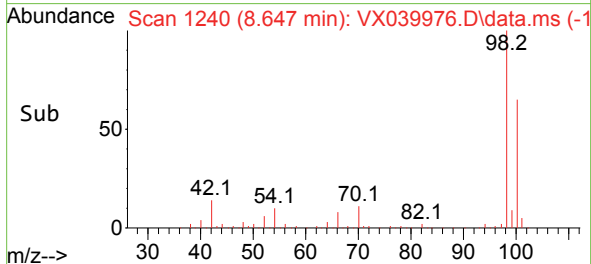
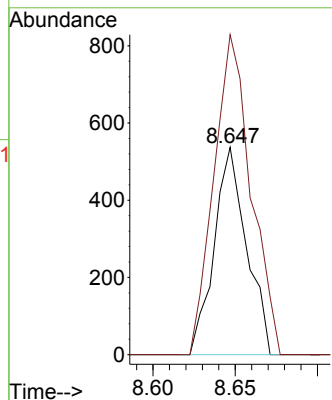
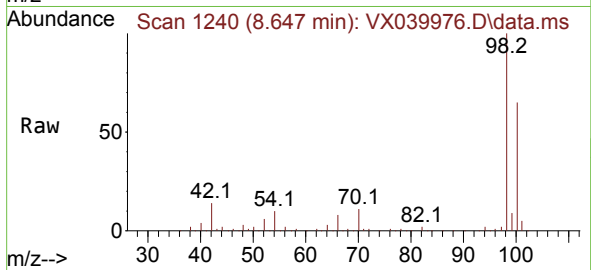
EB01-012524

Tgt Ion: 43 Resp: 736

Ion Ratio Lower Upper

43 100

58 177.0 30.4 45.6#



#62

4-Bromofluorobenzene

Concen: 48.586 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX039976.D

Acq: 26 Jan 2024 12:29

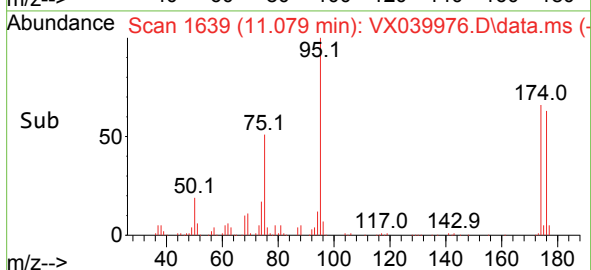
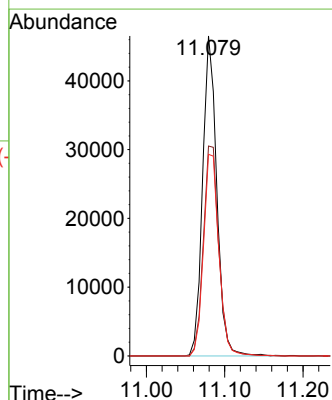
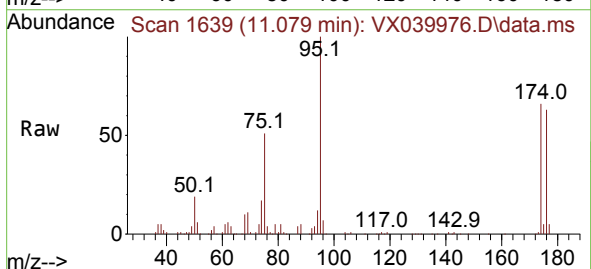
Tgt Ion: 95 Resp: 58432

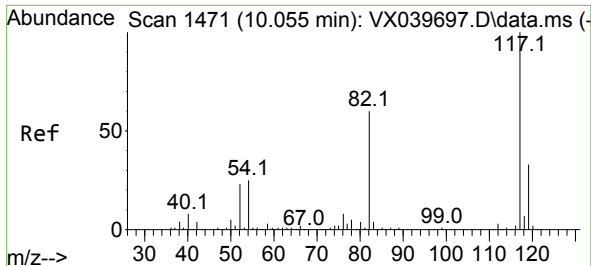
Ion Ratio Lower Upper

95 100

174 71.6 0.0 135.6

176 68.5 0.0 131.0

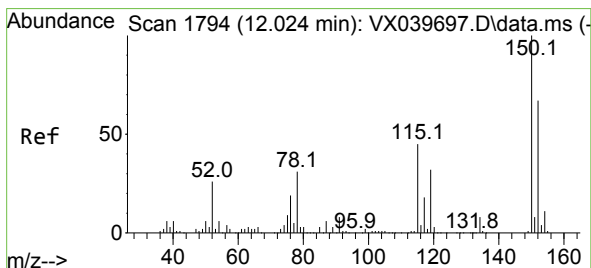
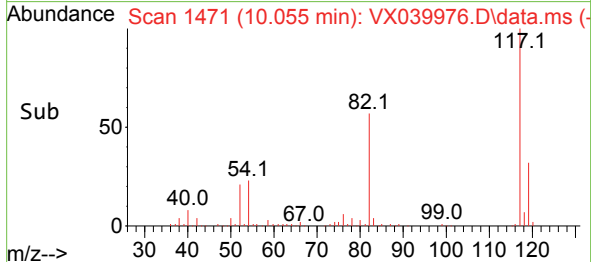
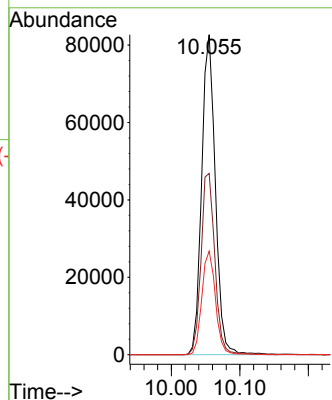
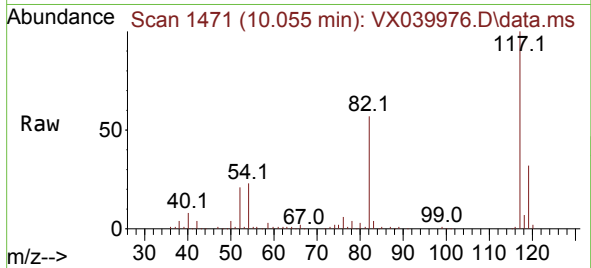




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039976.D
Acq: 26 Jan 2024 12:29

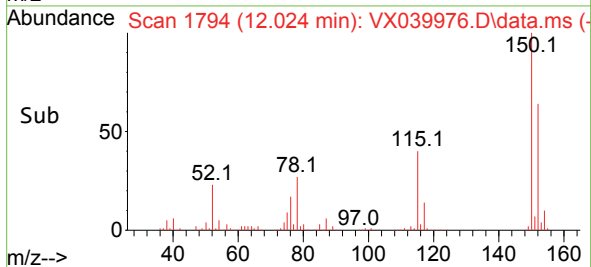
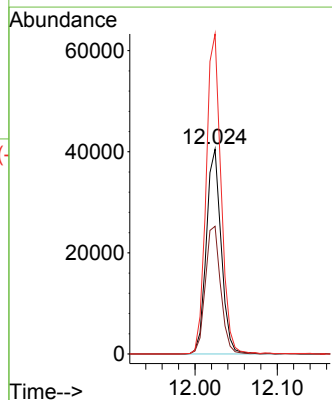
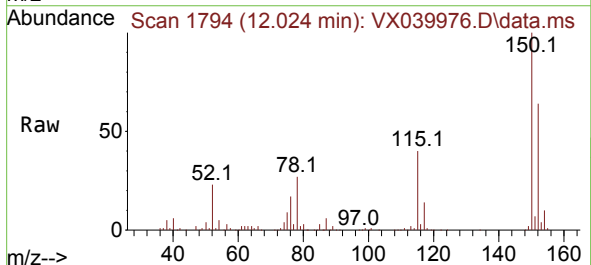
Instrument :
MSVOA_X
ClientSampleId :
EB01-012524

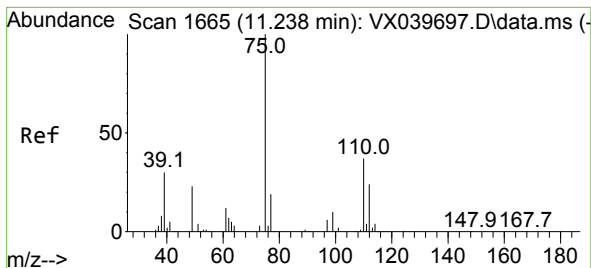
Tgt Ion:117 Resp: 115124
Ion Ratio Lower Upper
117 100
82 56.6 46.2 69.4
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX039976.D
Acq: 26 Jan 2024 12:29

Tgt Ion:152 Resp: 50914
Ion Ratio Lower Upper
152 100
115 64.1 43.3 129.9
150 156.7 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 23.548 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039976.D

Acq: 26 Jan 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

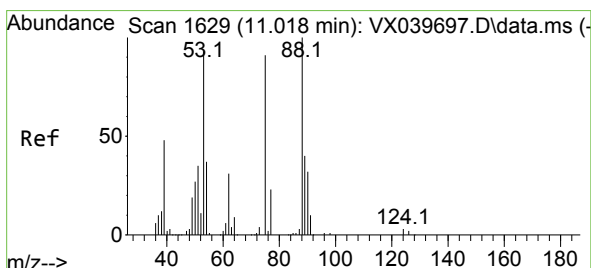
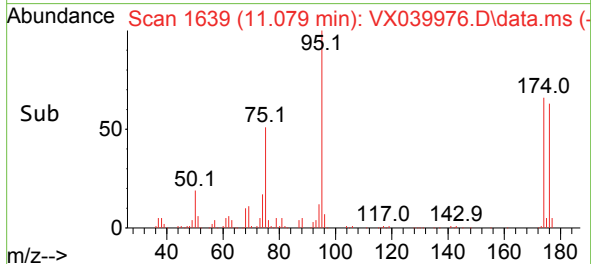
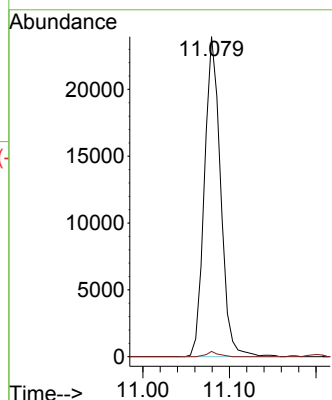
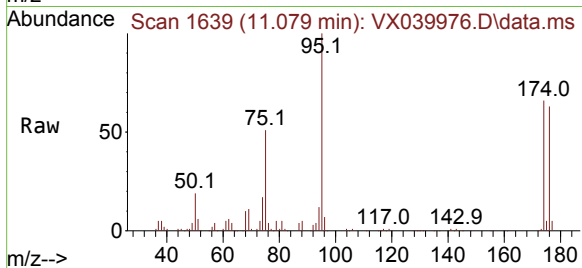
EB01-012524

Tgt Ion: 75 Resp: 31083

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 67.817 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039976.D

Acq: 26 Jan 2024 12:29

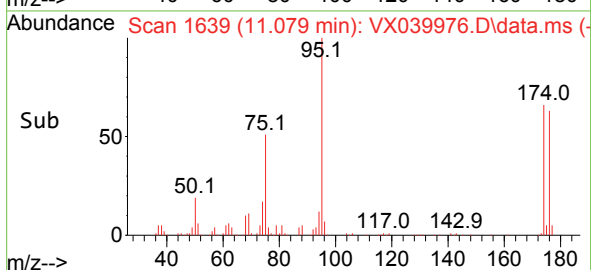
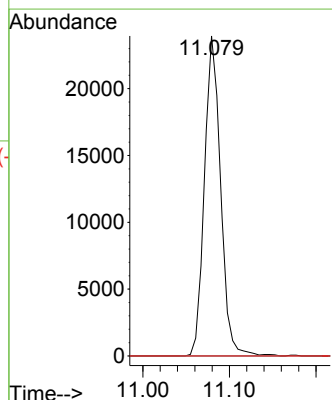
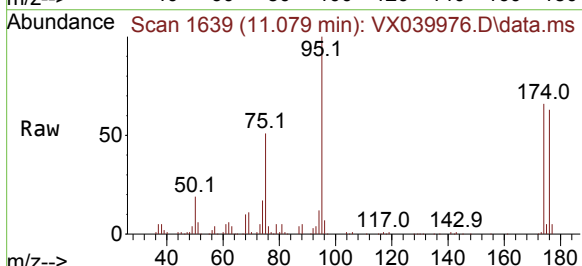
Tgt Ion: 75 Resp: 31083

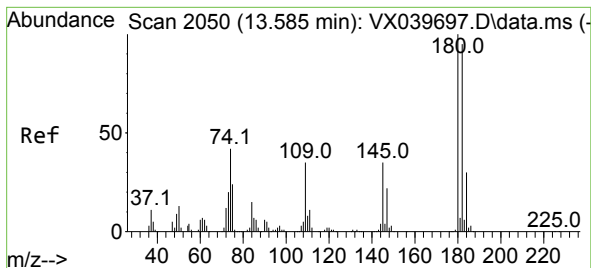
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.284 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX039976.D

Acq: 26 Jan 2024 12:29

Instrument :

MSVOA_X

ClientSampleId :

EB01-012524

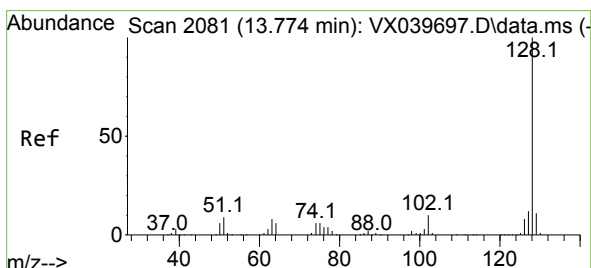
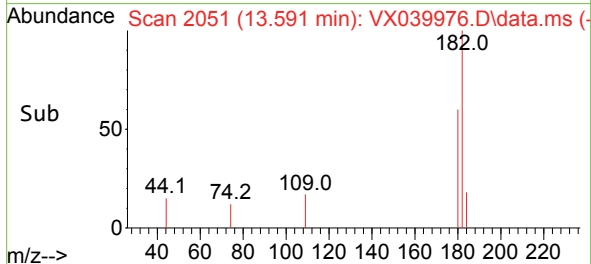
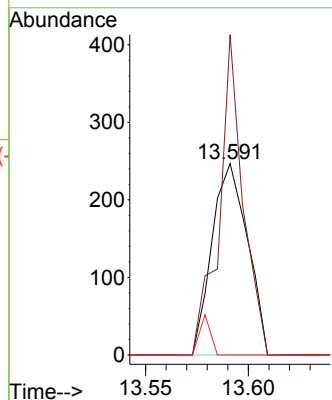
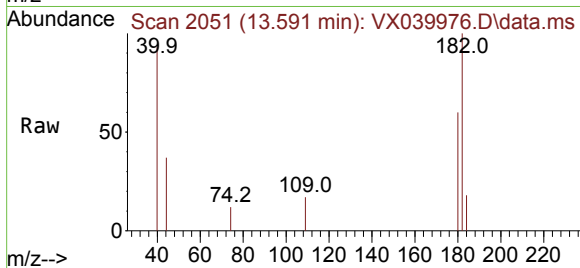
Tgt Ion:180 Resp: 297

Ion Ratio Lower Upper

180 100

182 112.1 48.3 144.8

145 6.4 18.0 54.0#



#95

Naphthalene

Concen: 0.312 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX039976.D

Acq: 26 Jan 2024 12:29

Tgt Ion:128 Resp: 1200

Ion Ratio Lower Upper

128 100

127 11.5 10.3 15.5

129 0.0 8.8 13.2#

