

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042324\
 Data File : VX041216.D
 Acq On : 23 Apr 2024 15:30
 Operator : JC/MD
 Sample : P2185-04 100X
 Misc : 1.32g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 24 01:48:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:30:28 2024
 Response via : Initial Calibration

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

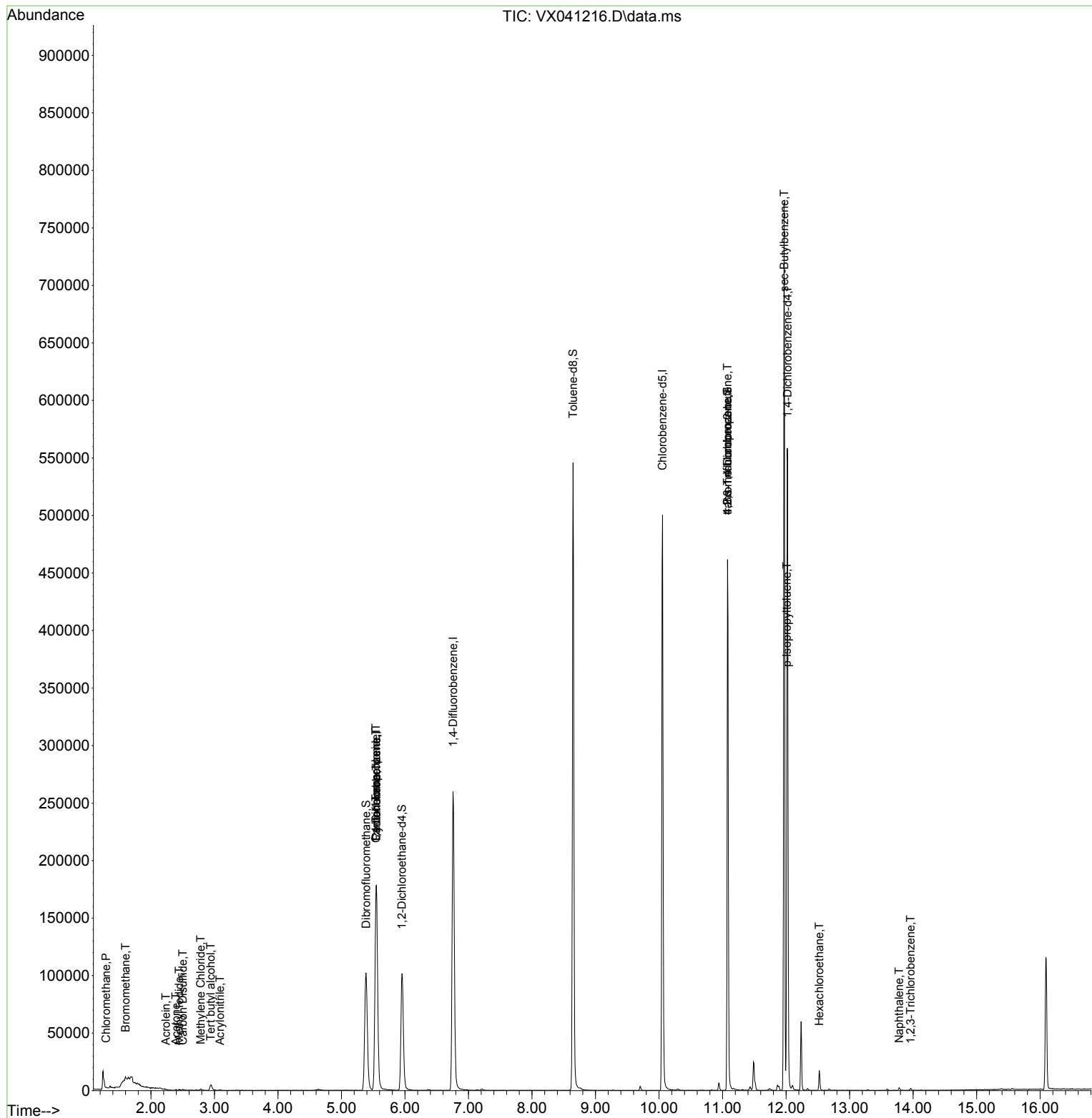
Internal Standards						
1) Pentafluorobenzene	5.550	168	199357	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	288541	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	247972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132306	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	102913	54.230	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	108.460%
35) Dibromofluoromethane	5.385	113	89821	51.175	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.360%
50) Toluene-d8	8.647	98	330485	55.809	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	111.620%
62) 4-Bromofluorobenzene	11.079	95	117296	53.665	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.340%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	376	0.220	ug/l	# 43
5) Bromomethane	1.599	94	1119	1.164	ug/l	89
10) Methyl Iodide	2.447	142	811	0.432	ug/l	# 93
11) Tert butyl alcohol	2.941	59	3134	9.218	ug/l	# 78
13) Acrolein	2.233	56	191	0.501	ug/l	# 76
15) Acrylonitrile	3.087	53	207	0.238	ug/l	# 83
16) Acetone	2.392	43	487	0.705	ug/l	91
17) Carbon Disulfide	2.502	76	1444	0.476	ug/l	# 76
20) Methylene Chloride	2.782	84	511	0.303	ug/l	94
31) Cyclohexane	5.550	56	3066	1.200	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	11867	5.284	ug/l	# 51
38) Carbon Tetrachloride	5.544	117	16917	6.744	ug/l	# 15
76) 1,2,3-Trichloropropane	11.079	75	57269	26.866	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	57269	75.796	ug/l	# 5
85) sec-Butylbenzene	11.969	105	10011	1.182	ug/l	87
86) p-Isopropyltoluene	12.012	119	9664	1.295	ug/l	97
90) Hexachloroethane	12.524	117	289	0.235	ug/l	# 17
95) Naphthalene	13.780	128	2312	0.269	ug/l	# 96
96) 1,2,3-Trichlorobenzene	13.963	180	646	0.205	ug/l	95

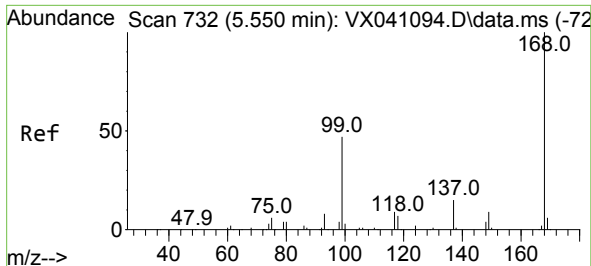
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042324\
Data File : VX041216.D
Acq On : 23 Apr 2024 15:30
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Sample : P2185-04 100X
Misc : 1.32g/10mL/100uL/5.00mL/MSVOA_X/MEOH
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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Apr 24 01:48:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:30:28 2024
Response via : Initial Calibration

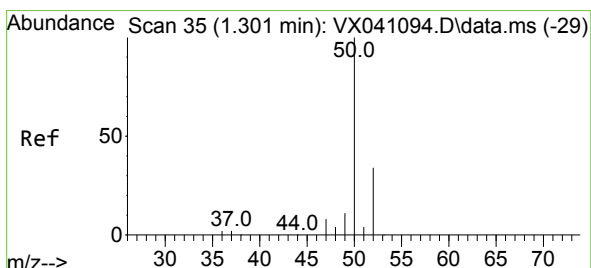
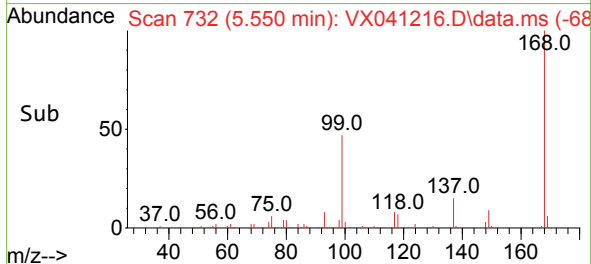
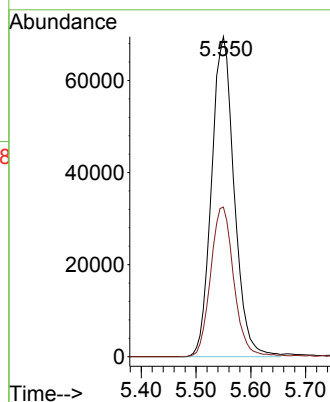
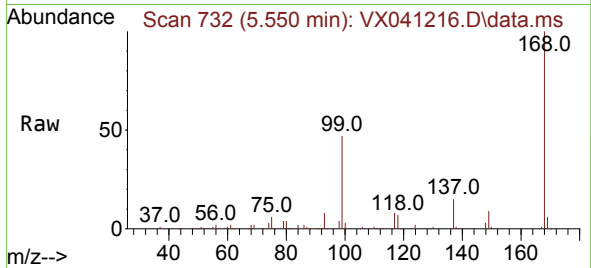




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041216.D
Acq: 23 Apr 2024 15:30

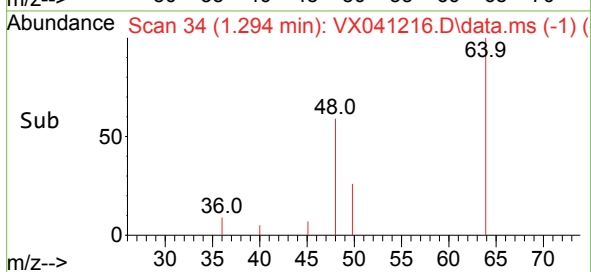
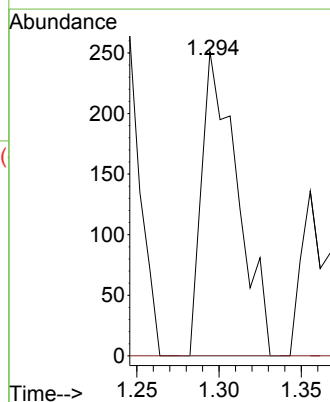
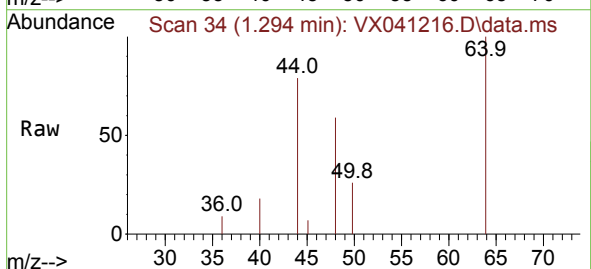
Instrument :
MSVOA_X
ClientSampleId :

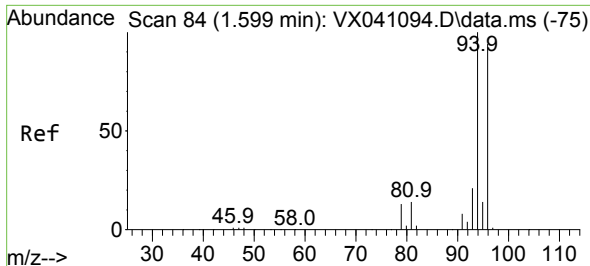
Tgt Ion:168 Resp: 199357
Ion Ratio Lower Upper
168 100
99 46.8 56.6 85.0#



#3
Chloromethane
Concen: 0.220 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX041216.D
Acq: 23 Apr 2024 15:30

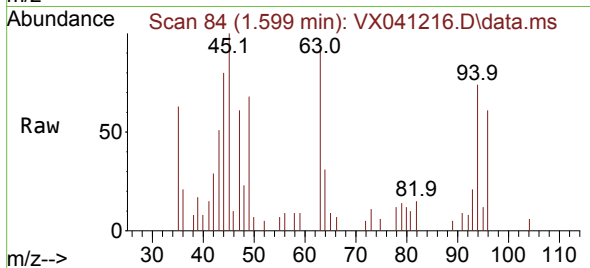
Tgt Ion: 50 Resp: 376
Ion Ratio Lower Upper
50 100
52 0.0 25.5 38.3#



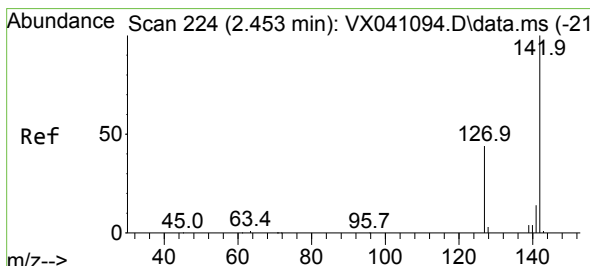
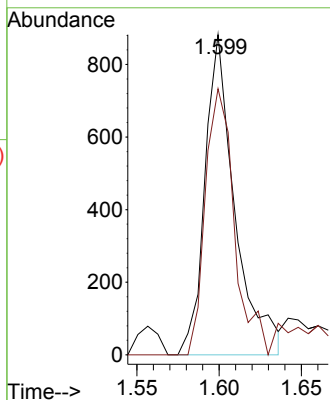
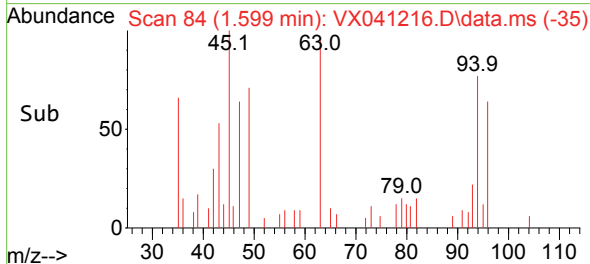


#5
Bromomethane
Concen: 1.164 ug/l
RT: 1.599 min Scan# 84
Delta R.T. -0.000 min
Lab File: VX041216.D
Acq: 23 Apr 2024 15:30

Instrument :
MSVOA_X
ClientSampleId :

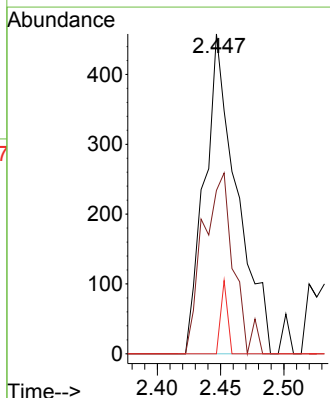
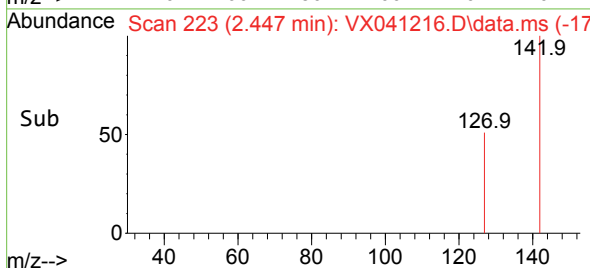
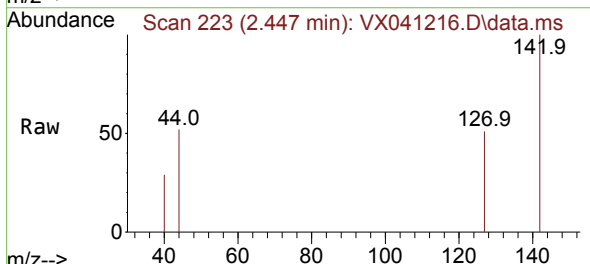


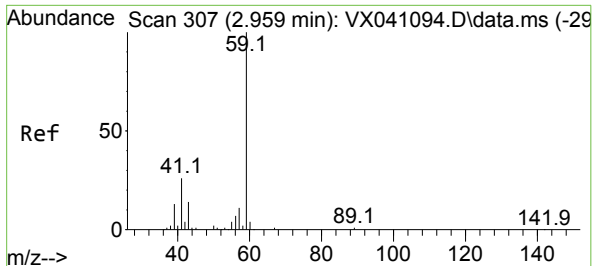
Tgt Ion: 94 Resp: 1119
Ion Ratio Lower Upper
94 100
96 83.1 74.6 111.8



#10
Methyl Iodide
Concen: 0.432 ug/l
RT: 2.447 min Scan# 223
Delta R.T. 0.006 min
Lab File: VX041216.D
Acq: 23 Apr 2024 15:30

Tgt Ion: 142 Resp: 811
Ion Ratio Lower Upper
142 100
127 53.8 41.6 62.4
141 4.7 11.6 17.4#





#11

Tert butyl alcohol

Concen: 9.218 ug/l

RT: 2.941 min Scan# 307

Delta R.T. -0.122 min

Lab File: VX041216.D

Acq: 23 Apr 2024 15:30

Instrument :

MSVOA_X

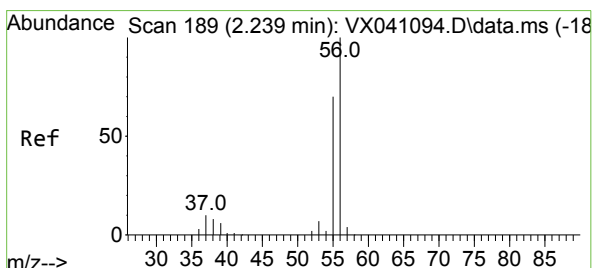
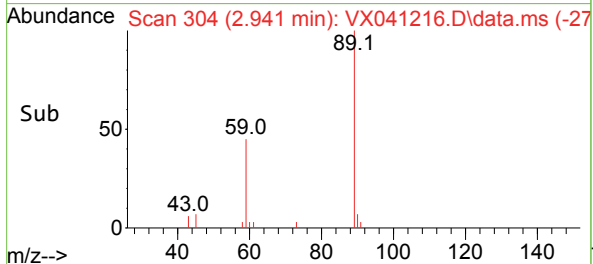
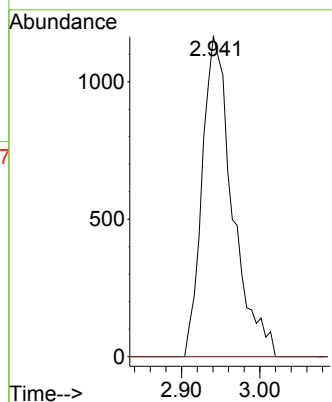
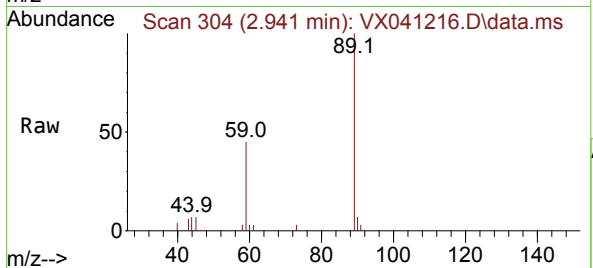
ClientSampleId :

Tgt Ion: 59 Resp: 3134

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: 0.501 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.006 min

Lab File: VX041216.D

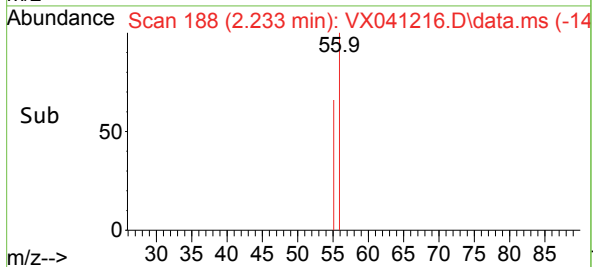
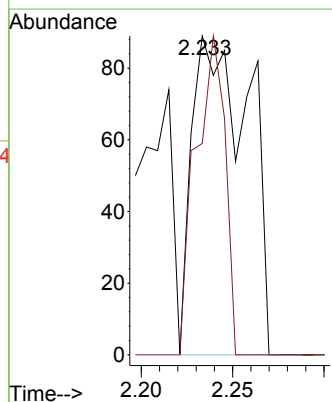
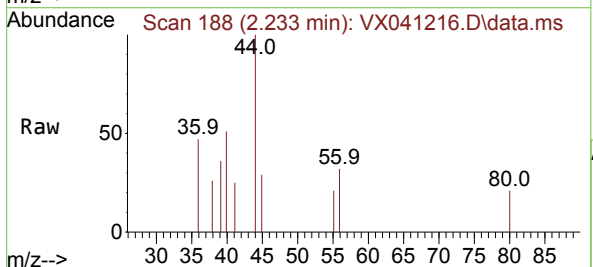
Acq: 23 Apr 2024 15:30

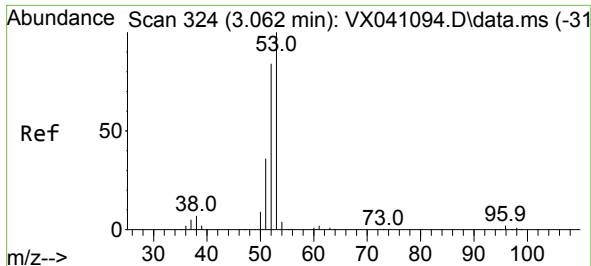
Tgt Ion: 56 Resp: 191

Ion Ratio Lower Upper

56 100

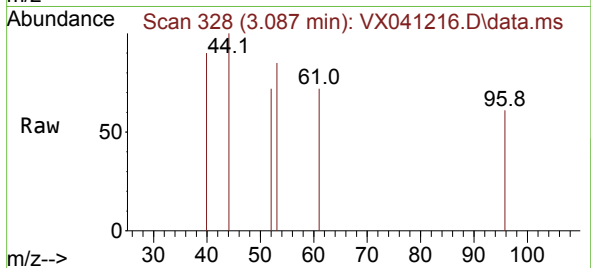
55 51.8 57.1 85.7#



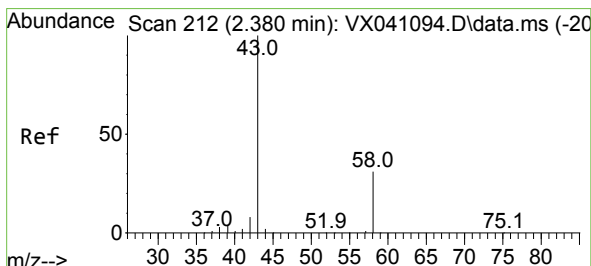
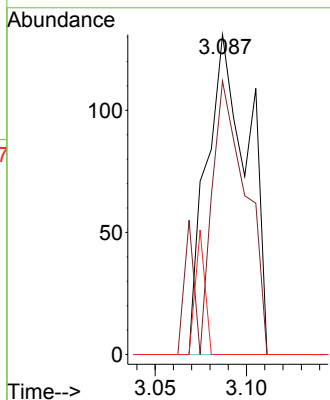
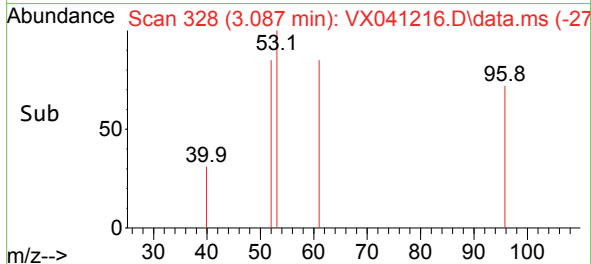


#15
Acrylonitrile
Concen: 0.238 ug/l
RT: 3.087 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX041216.D
Acq: 23 Apr 2024 15:30

Instrument :
MSVOA_X
ClientSampleId :

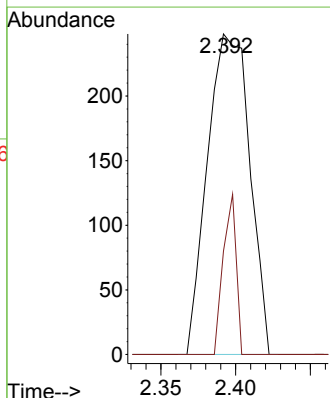
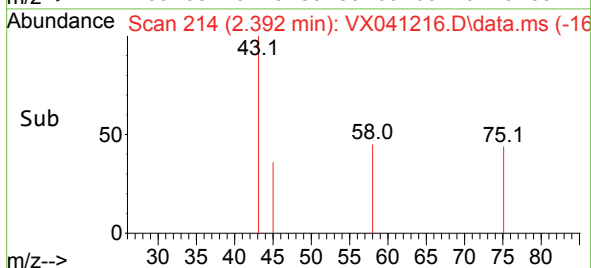
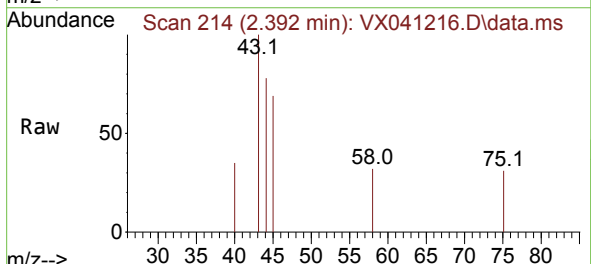


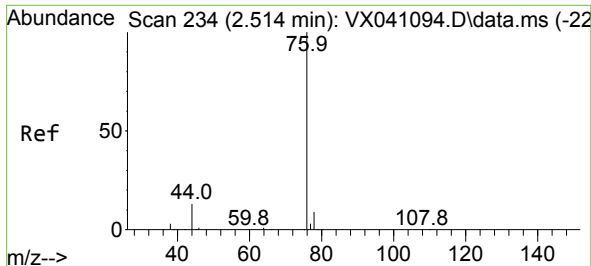
Tgt Ion: 53 Resp: 207
Ion Ratio Lower Upper
53 100
52 79.2 66.0 99.0
51 9.2 29.8 44.6#



#16
Acetone
Concen: 0.705 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX041216.D
Acq: 23 Apr 2024 15:30

Tgt Ion: 43 Resp: 487
Ion Ratio Lower Upper
43 100
58 32.3 21.9 32.9





#17

Carbon Disulfide

Concen: 0.476 ug/l

RT: 2.502 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX041216.D

Acq: 23 Apr 2024 15:30

Instrument :

MSVOA_X

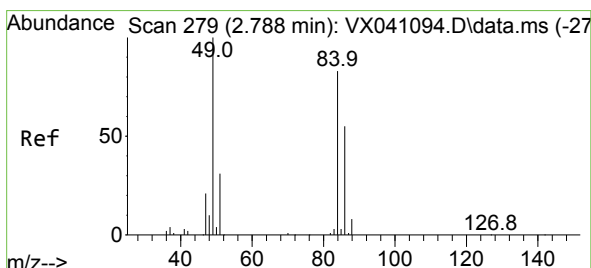
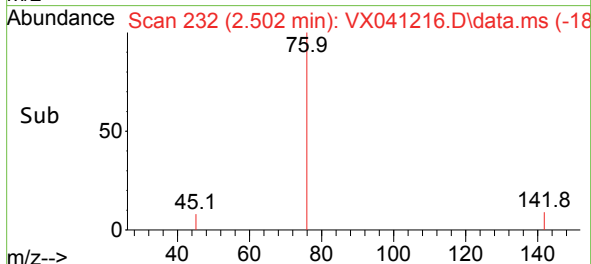
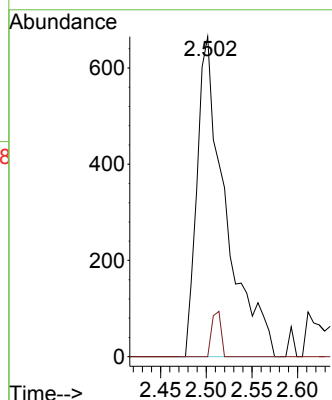
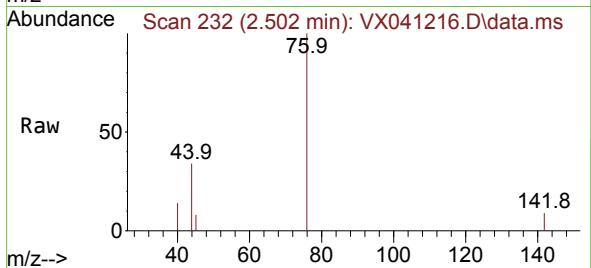
ClientSampleId :

Tgt Ion: 76 Resp: 1444

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#20

Methylene Chloride

Concen: 0.303 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.006 min

Lab File: VX041216.D

Acq: 23 Apr 2024 15:30

Tgt Ion: 84 Resp: 511

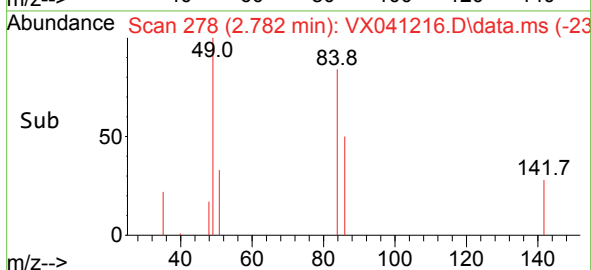
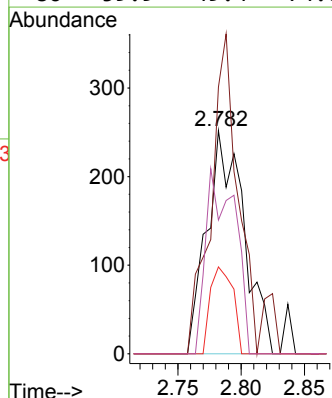
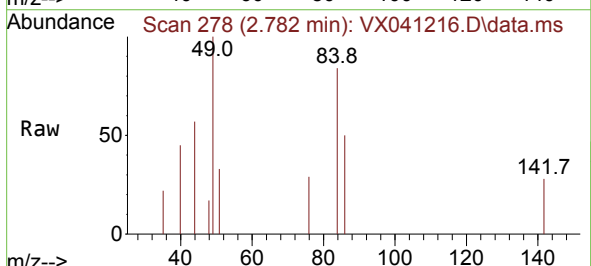
Ion Ratio Lower Upper

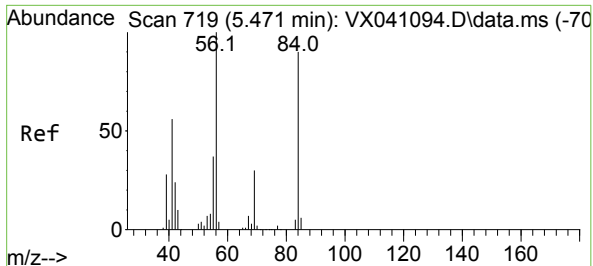
84 100

49 119.4 103.6 155.4

51 38.9 33.8 50.6

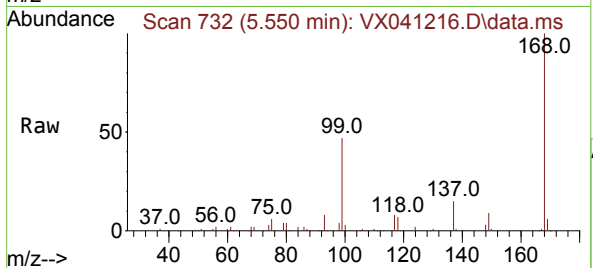
86 59.9 49.4 74.0



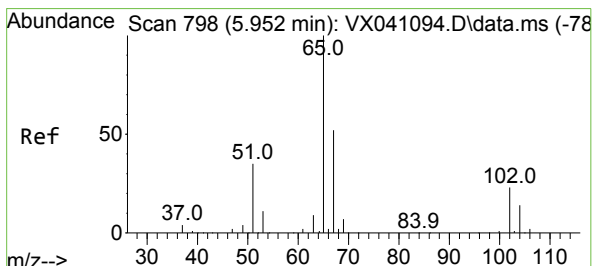
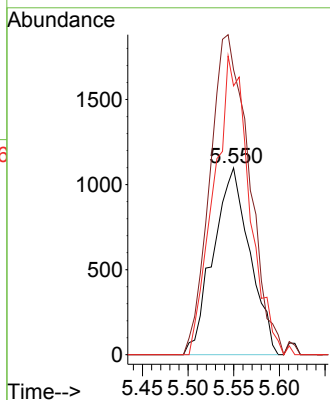
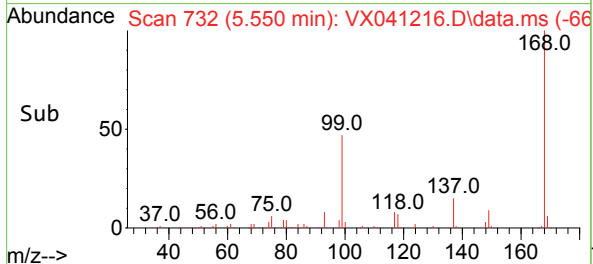


#31
Cyclohexane
Concen: 1.200 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX041216.D
Acq: 23 Apr 2024 15:30

Instrument :
MSVOA_X
ClientSampleId :

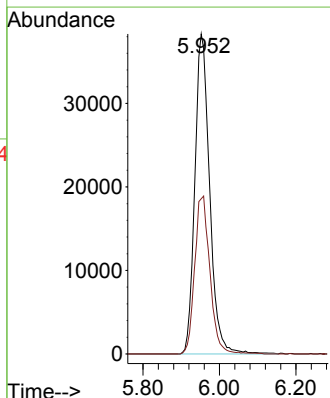
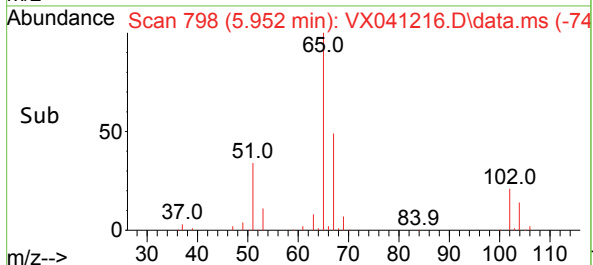
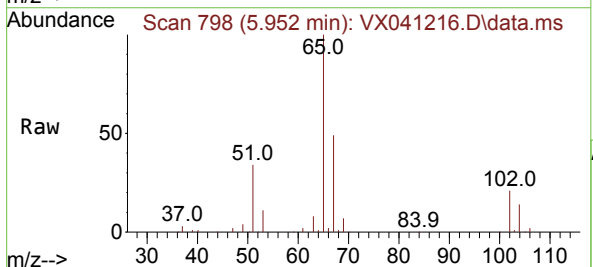


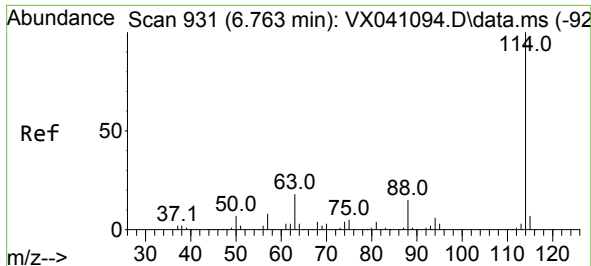
Tgt Ion: 56 Resp: 3066
Ion Ratio Lower Upper
56 100
69 152.6 23.4 35.2#
84 143.9 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 54.230 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX041216.D
Acq: 23 Apr 2024 15:30

Tgt Ion: 65 Resp: 102913
Ion Ratio Lower Upper
65 100
67 50.8 0.0 100.2

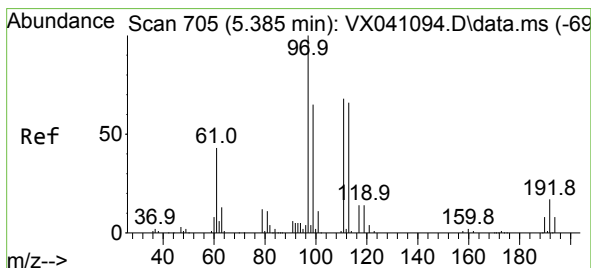
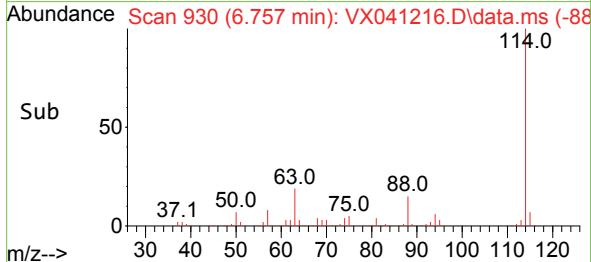
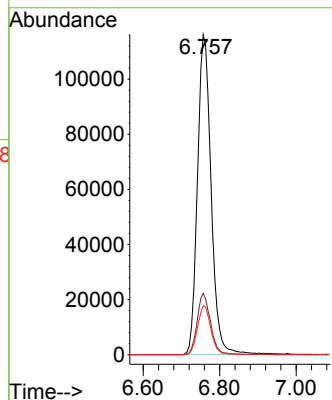
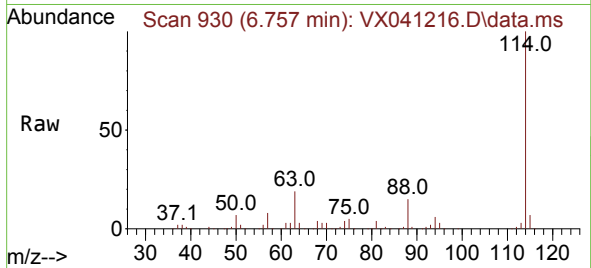




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX041216.D
Acq: 23 Apr 2024 15:30

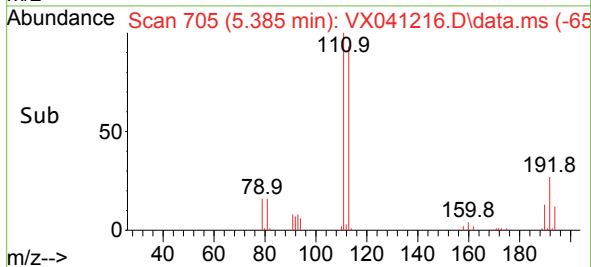
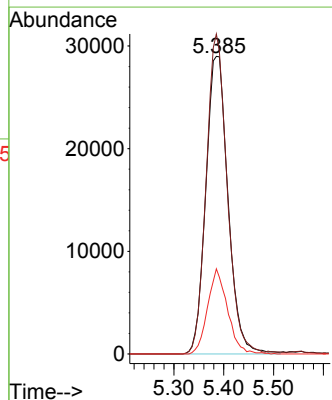
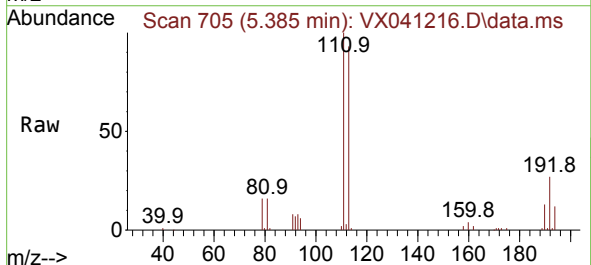
Instrument :
MSVOA_X
ClientSampleId :

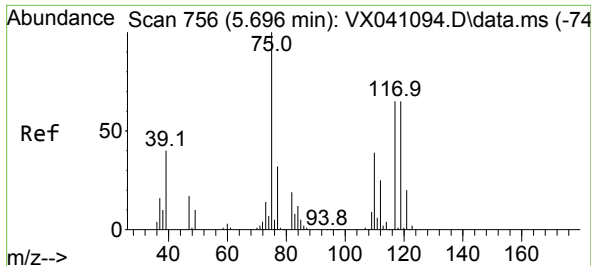
Tgt Ion:114 Resp: 288541
Ion Ratio Lower Upper
114 100
63 19.2 0.0 45.0
88 15.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 51.175 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX041216.D
Acq: 23 Apr 2024 15:30

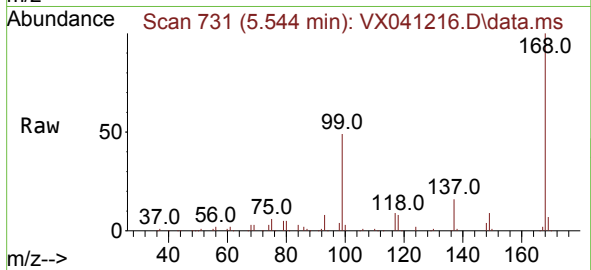
Tgt Ion:113 Resp: 89821
Ion Ratio Lower Upper
113 100
111 101.4 82.9 124.3
192 25.7 13.3 19.9#



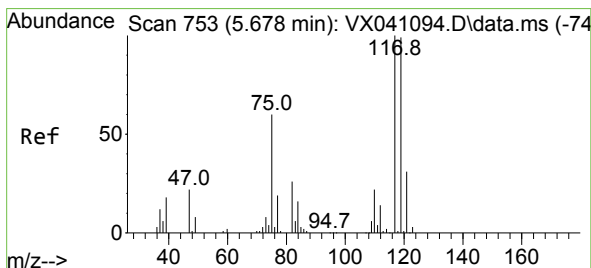
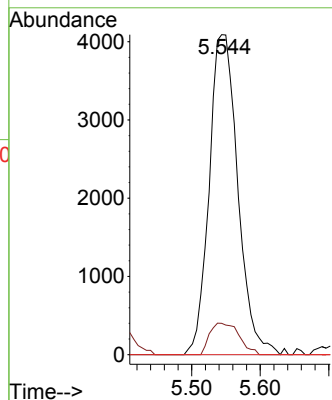
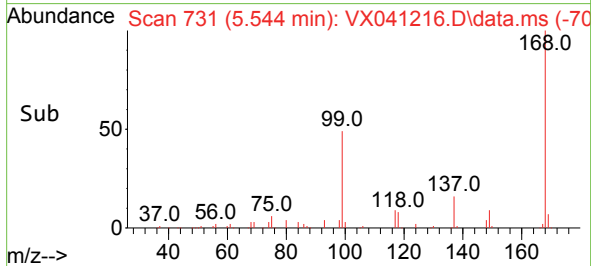


#36
1,1-Dichloropropene
Concen: 5.284 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX041216.D
Acq: 23 Apr 2024 15:30

Instrument :
MSVOA_X
ClientSampleId :

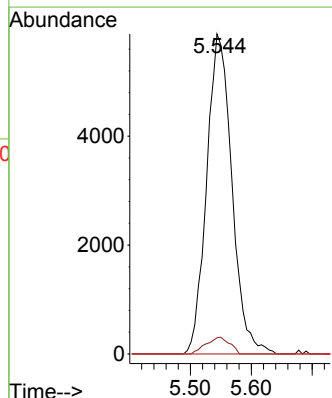
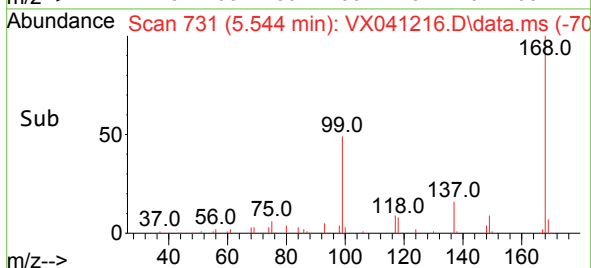
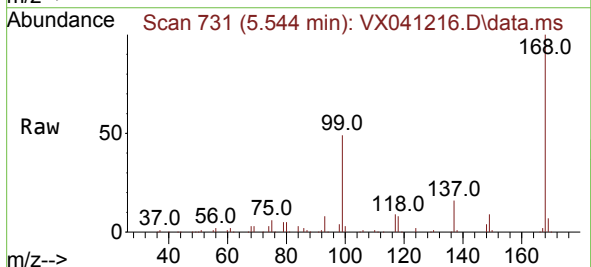


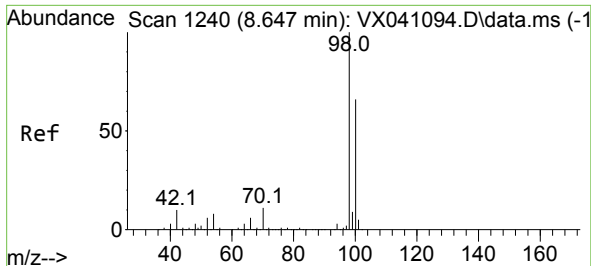
Tgt Ion: 75 Resp: 11867
Ion Ratio Lower Upper
75 100
110 10.1 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.744 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX041216.D
Acq: 23 Apr 2024 15:30

Tgt Ion: 117 Resp: 16917
Ion Ratio Lower Upper
117 100
119 5.1 78.2 117.2#
121 0.0 24.4 36.6#

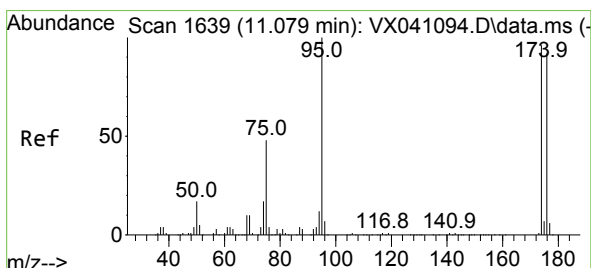
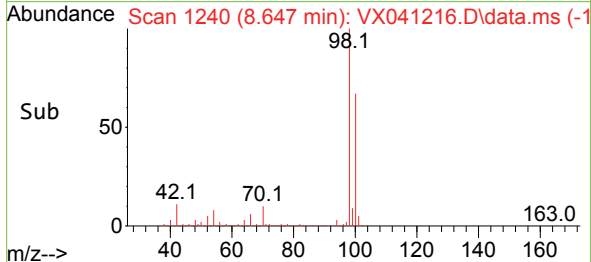
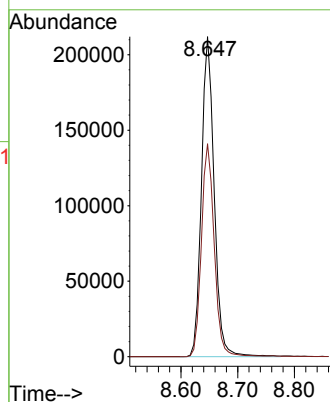
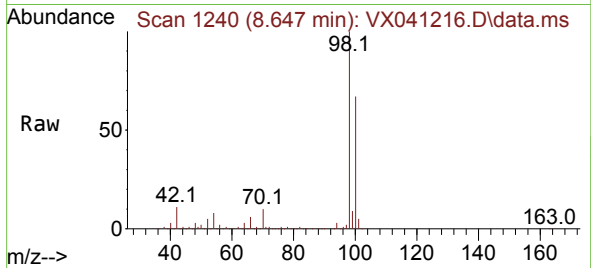




#50
Toluene-d8
Concen: 55.809 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX041216.D
Acq: 23 Apr 2024 15:30

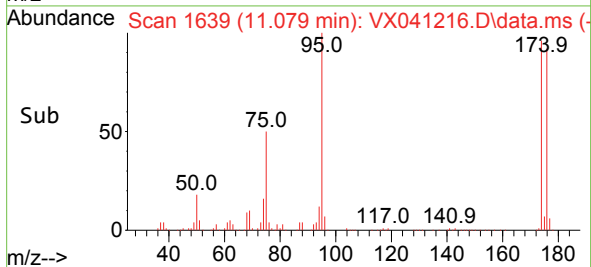
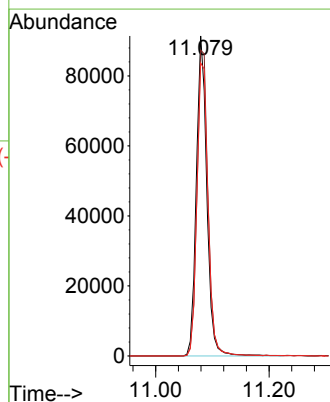
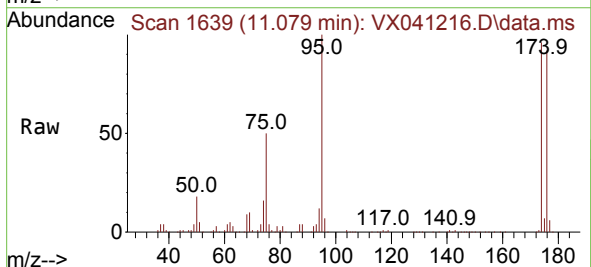
Instrument :
MSVOA_X
ClientSampleId :

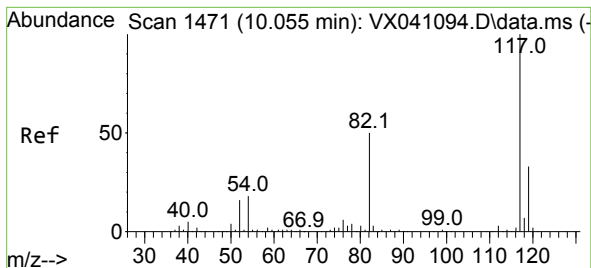
Tgt Ion: 98 Resp: 330485
Ion Ratio Lower Upper
98 100
100 67.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 53.665 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX041216.D
Acq: 23 Apr 2024 15:30

Tgt Ion: 95 Resp: 117296
Ion Ratio Lower Upper
95 100
174 100.5 0.0 135.6
176 97.1 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: VX041216.D

Acq: 23 Apr 2024 15:30

Instrument :

MSVOA_X

ClientSampleId :

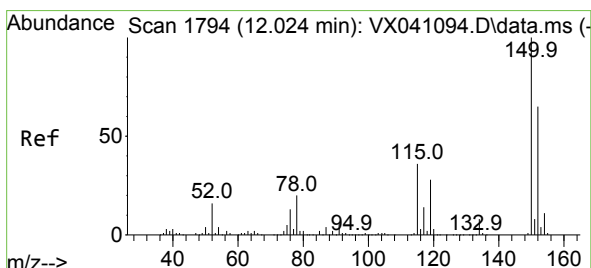
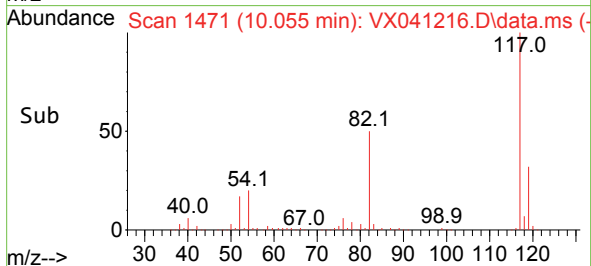
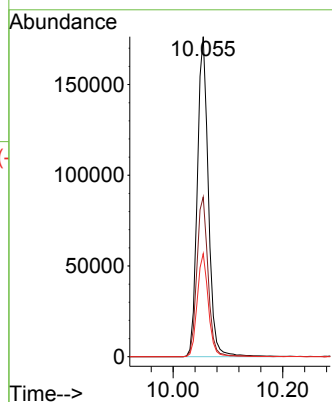
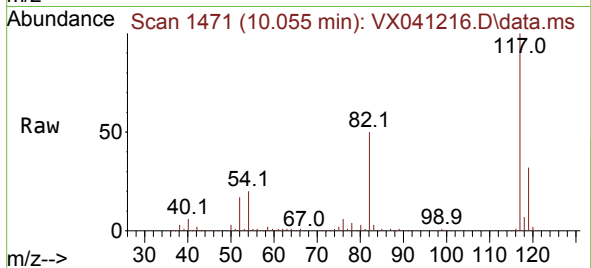
Tgt Ion:117 Resp: 247972

Ion Ratio Lower Upper

117 100

82 49.9 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# 1794

Delta R.T. -0.000 min

Lab File: VX041216.D

Acq: 23 Apr 2024 15:30

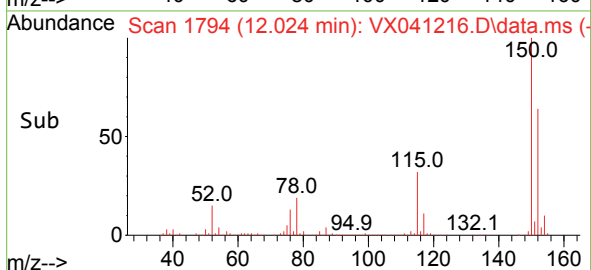
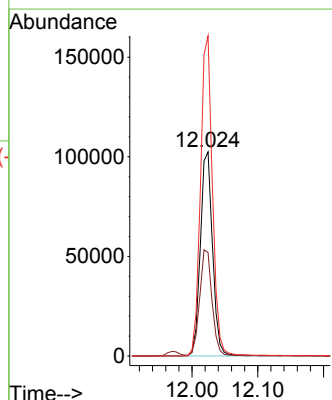
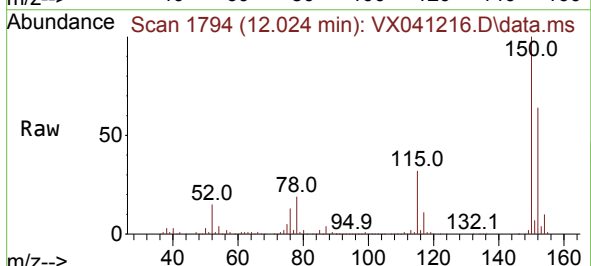
Tgt Ion:152 Resp: 132306

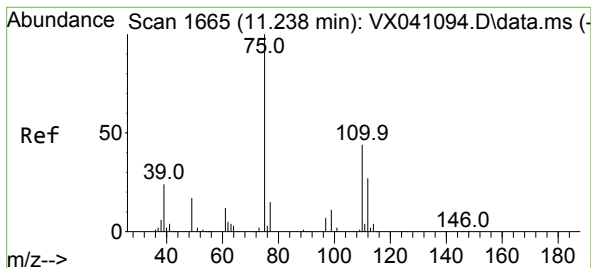
Ion Ratio Lower Upper

152 100

115 52.6 43.3 129.9

150 154.7 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 26.866 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX041216.D

Acq: 23 Apr 2024 15:30

Instrument :

MSVOA_X

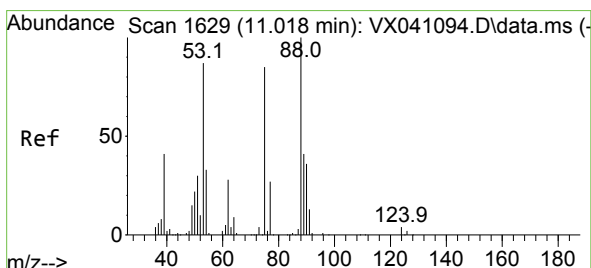
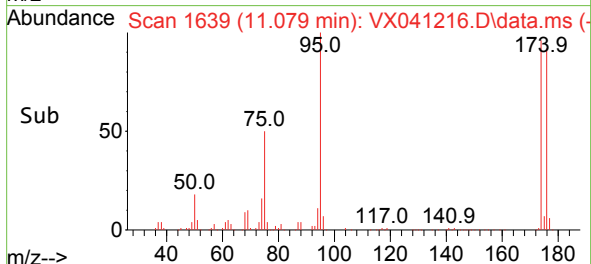
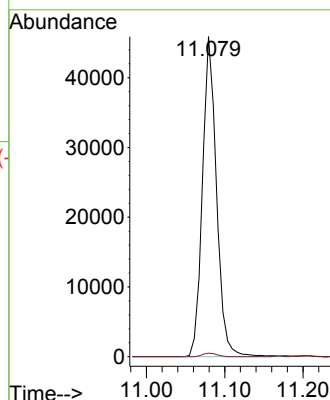
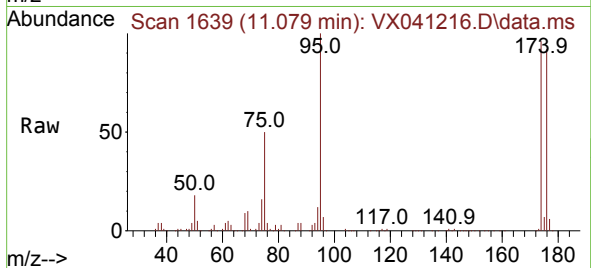
ClientSampleId :

Tgt Ion: 75 Resp: 57269

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 75.796 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041216.D

Acq: 23 Apr 2024 15:30

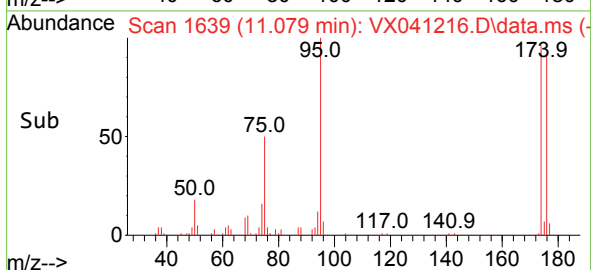
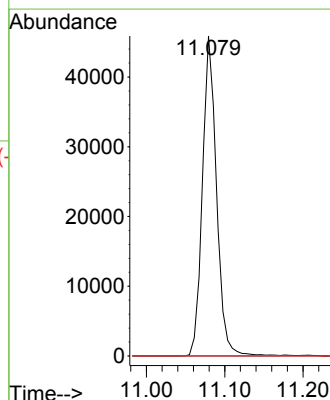
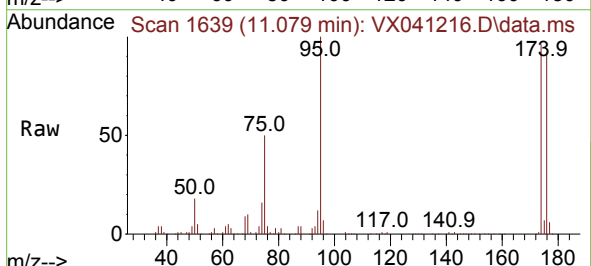
Tgt Ion: 75 Resp: 57269

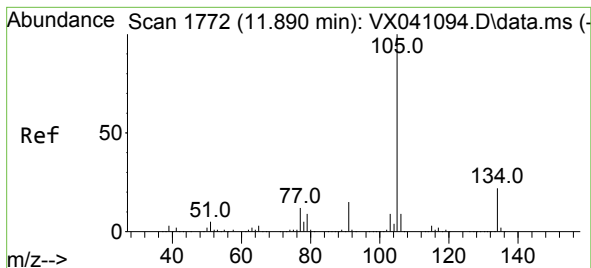
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#85

sec-Butylbenzene

Concen: 1.182 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.079 min

Lab File: VX041216.D

Acq: 23 Apr 2024 15:30

Instrument :

MSVOA_X

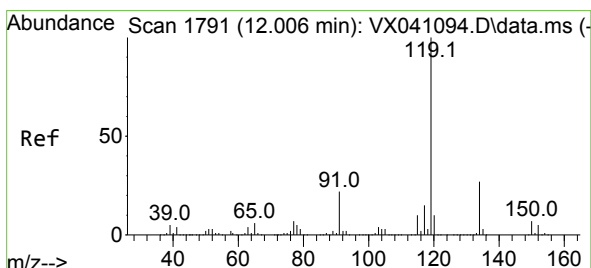
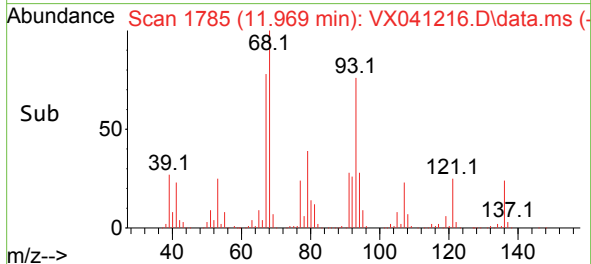
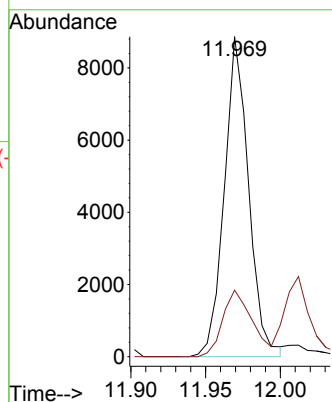
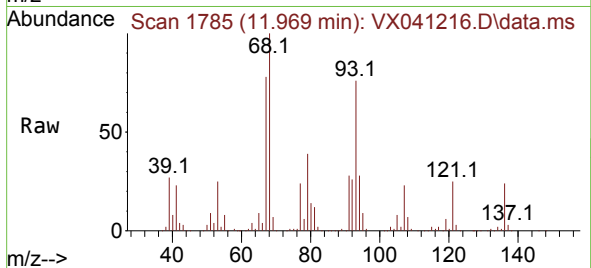
ClientSampleId :

Tgt Ion:105 Resp: 10011

Ion Ratio Lower Upper

105 100

134 25.3 9.8 29.4



#86

p-Isopropyltoluene

Concen: 1.295 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX041216.D

Acq: 23 Apr 2024 15:30

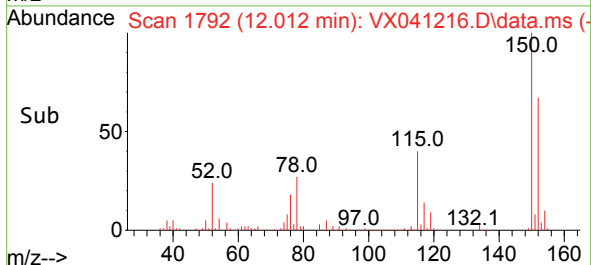
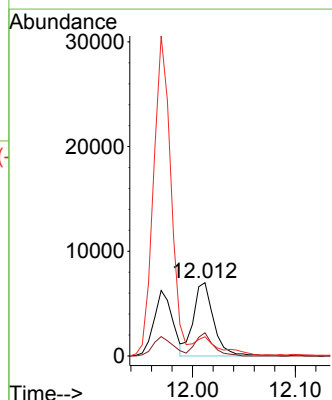
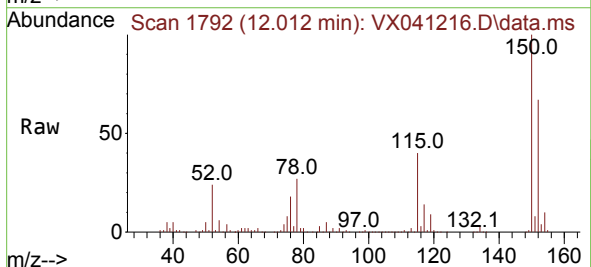
Tgt Ion:119 Resp: 9664

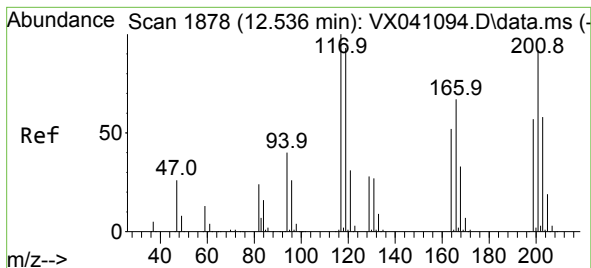
Ion Ratio Lower Upper

119 100

134 27.3 12.8 38.3

91 27.2 13.1 39.3





#90

Hexachloroethane

Concen: 0.235 ug/l

RT: 12.524 min Scan# 11

Delta R.T. -0.012 min

Lab File: VX041216.D

Acq: 23 Apr 2024 15:30

Instrument :

MSVOA_X

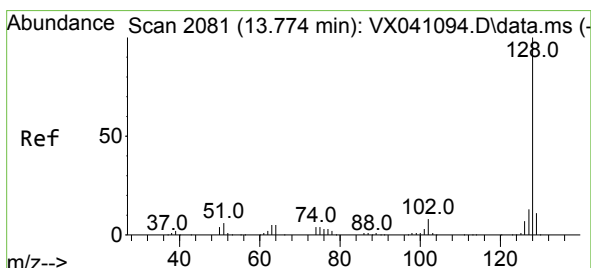
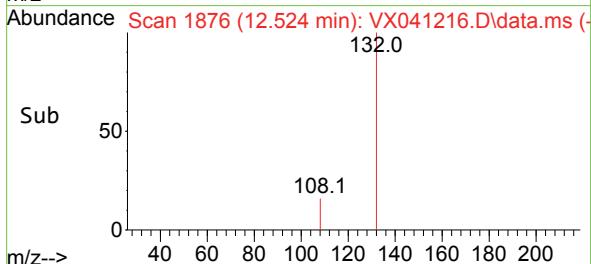
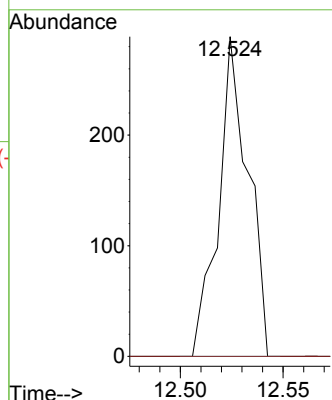
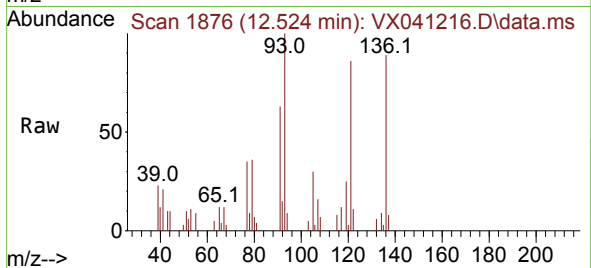
ClientSampleId :

Tgt Ion:117 Resp: 289

Ion Ratio Lower Upper

117 100

201 0.0 32.9 98.6#



#95

Naphthalene

Concen: 0.269 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX041216.D

Acq: 23 Apr 2024 15:30

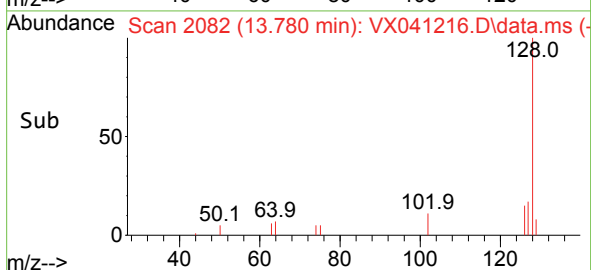
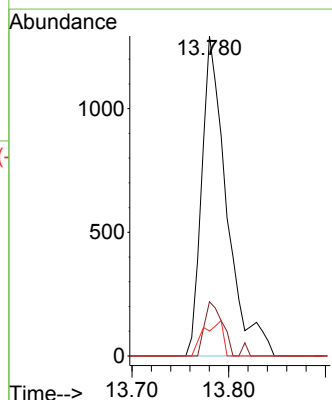
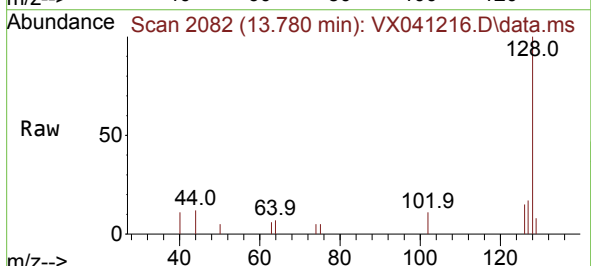
Tgt Ion:128 Resp: 2312

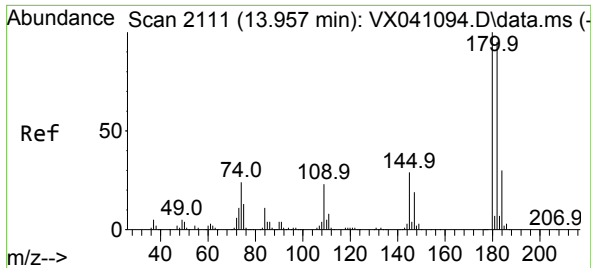
Ion Ratio Lower Upper

128 100

127 12.2 10.3 15.5

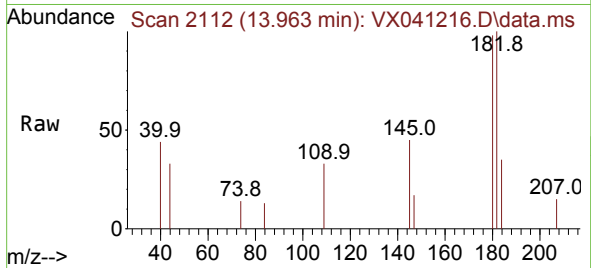
129 8.5 8.8 13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.205 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VX041216.D
 Acq: 23 Apr 2024 15:30

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	646
Ion	Ratio	Lower	Upper
180	100		
182	99.1	46.9	140.6
145	33.1	17.8	53.5

