

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042424\
 Data File : VX041228.D
 Acq On : 24 Apr 2024 12:09
 Operator : JC/MD
 Sample : VX0424WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Apr 25 05:51:48 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)

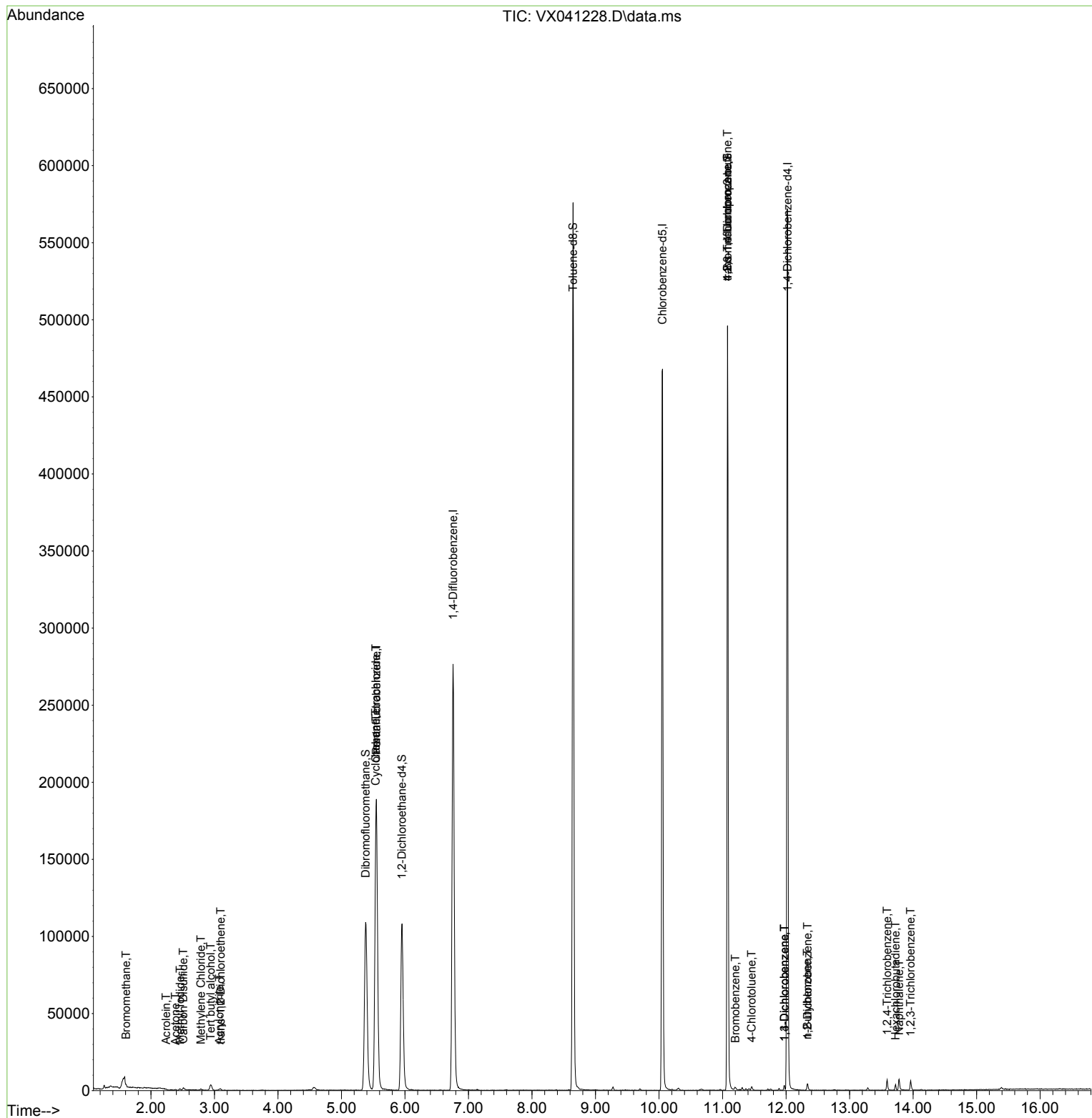
Internal Standards						
1) Pentafluorobenzene	5.550	168	205428	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	301061	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135724	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	106117	54.266	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 108.540%	
35) Dibromofluoromethane	5.379	113	96165	52.511	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.020%	
50) Toluene-d8	8.647	98	341518	55.274	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 110.540%	
62) 4-Bromofluorobenzene	11.079	95	123684	54.235	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 108.460%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.605	94	906	0.915	ug/l	85
10) Methyl Iodide	2.459	142	1225	0.633	ug/l	# 82
11) Tert butyl alcohol	2.941	59	2347	6.699	ug/l	# 78
13) Acrolein	2.239	56	255	0.649	ug/l	94
15) Acrylonitrile	3.081	53	383	0.428	ug/l	# 82
16) Acetone	2.386	43	517	0.726	ug/l	94
17) Carbon Disulfide	2.508	76	1760	0.563	ug/l	99
20) Methylene Chloride	2.788	84	350	0.201	ug/l	# 78
21) trans-1,2-Dichloroethene	3.099	96	366	0.221	ug/l	# 80
31) Cyclohexane	5.538	56	3270	1.242	ug/l	# 1
38) Carbon Tetrachloride	5.544	117	17957	6.861	ug/l	# 16
76) 1,2,3-Trichloropropane	11.079	75	60181	27.521	ug/l	# 39
77) Bromobenzene	11.201	156	505	0.205	ug/l	60
81) trans-1,4-Dichloro-2-b...	11.079	75	60181	77.644	ug/l	# 5
82) 4-Chlorotoluene	11.457	91	1347	0.206	ug/l	86
87) 1,3-Dichlorobenzene	11.976	146	1393	0.316	ug/l	91
88) 1,4-Dichlorobenzene	11.976	146	1393	0.308	ug/l	92
89) n-Butylbenzene	12.335	91	1432	0.246	ug/l	98
91) 1,2-Dichlorobenzene	12.341	146	1008	0.228	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	2281	0.744	ug/l	95
94) Hexachlorobutadiene	13.725	225	704	0.449	ug/l	89
95) Naphthalene	13.780	128	6206	0.705	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	2048	0.634	ug/l	89

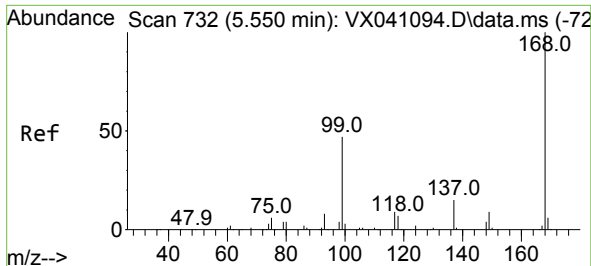
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042424\
Data File : VX041228.D
Acq On : 24 Apr 2024 12:09
Operator : JC/MD
Sample : VX0424WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

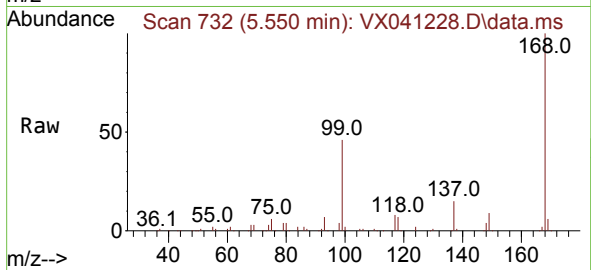
Quant Time: Apr 25 05:51:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042224W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 23 05:30:28 2024
Response via : Initial Calibration



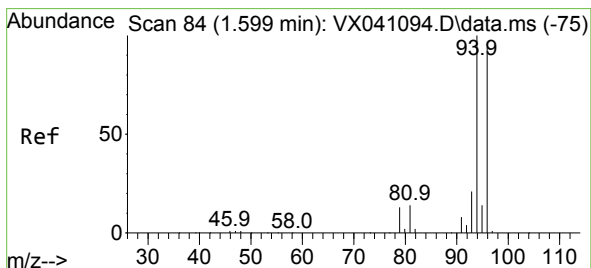
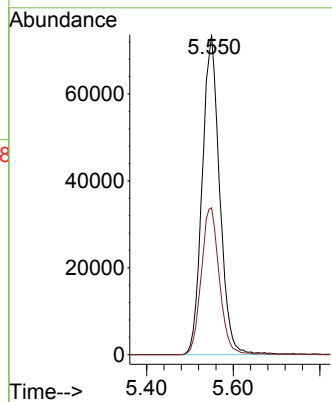
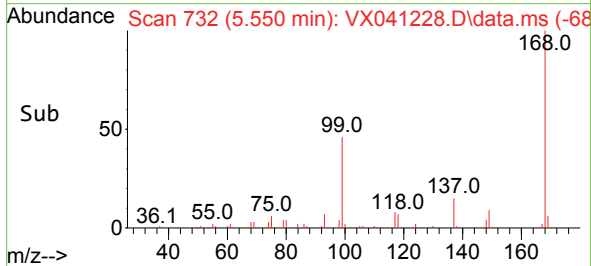


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX041228.D
Acq: 24 Apr 2024 12:09

Instrument :
MSVOA_X
ClientSampleId :

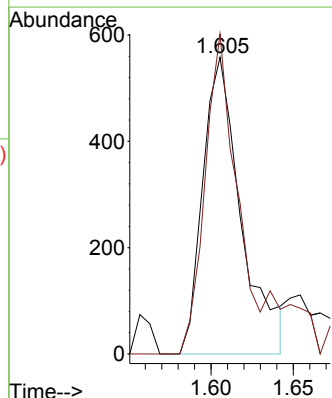
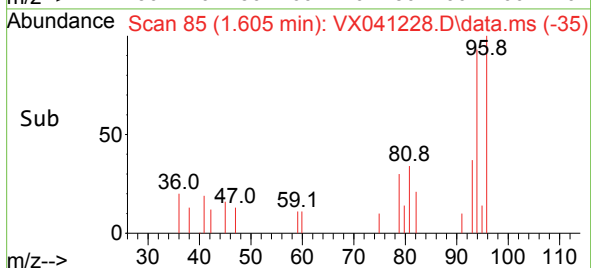
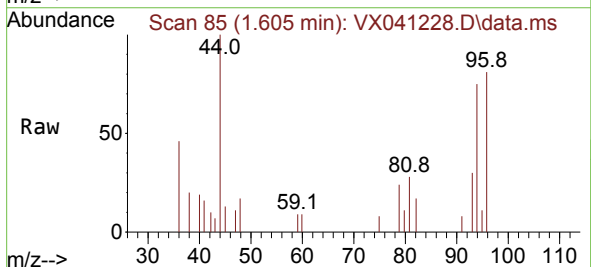


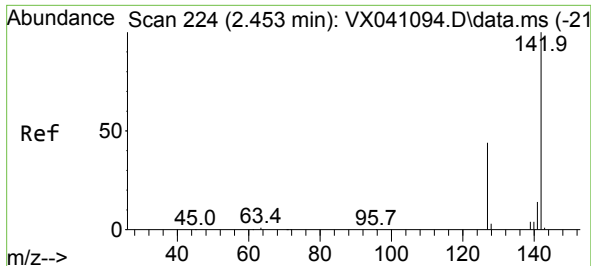
Tgt Ion:168 Resp: 205428
Ion Ratio Lower Upper
168 100
99 45.9 56.6 85.0#



#5
Bromomethane
Concen: 0.915 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.006 min
Lab File: VX041228.D
Acq: 24 Apr 2024 12:09

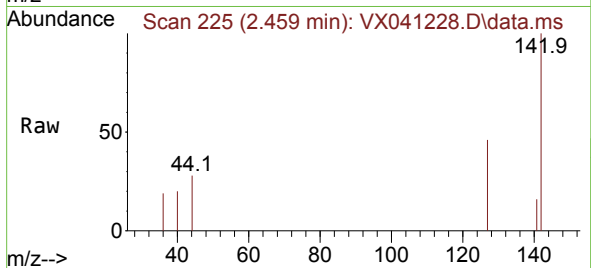
Tgt Ion: 94 Resp: 906
Ion Ratio Lower Upper
94 100
96 107.9 74.6 111.8



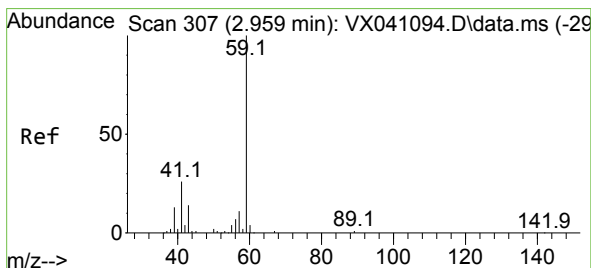
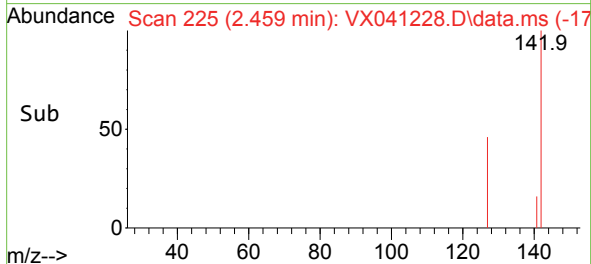
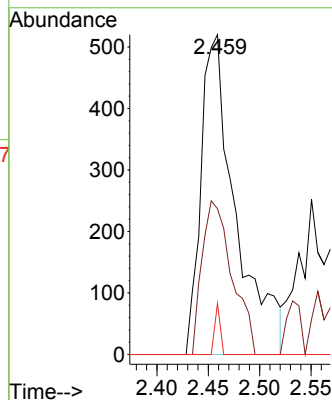


#10
Methyl Iodide
Concen: 0.633 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.018 min
Lab File: VX041228.D
Acq: 24 Apr 2024 12:09

Instrument :
MSVOA_X
ClientSampleId :

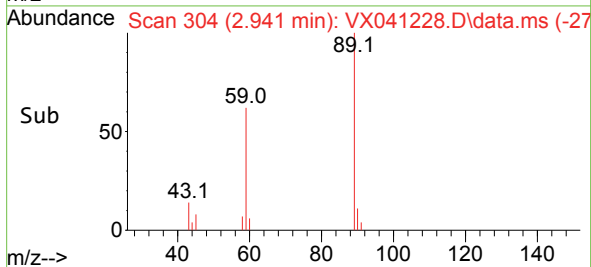
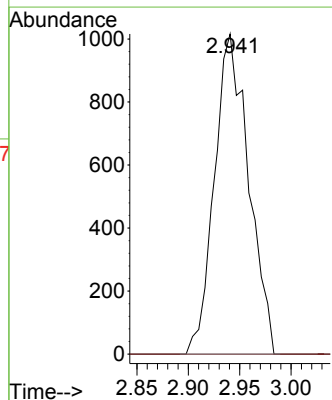
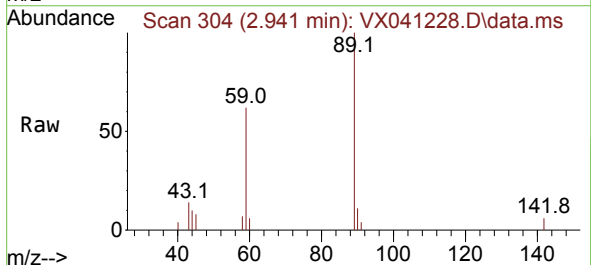


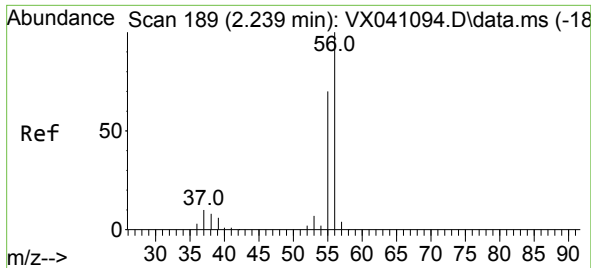
Tgt Ion:142 Resp: 1225
Ion Ratio Lower Upper
142 100
127 41.6 41.6 62.4#
141 2.4 11.6 17.4#



#11
Tert butyl alcohol
Concen: 6.699 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.122 min
Lab File: VX041228.D
Acq: 24 Apr 2024 12:09

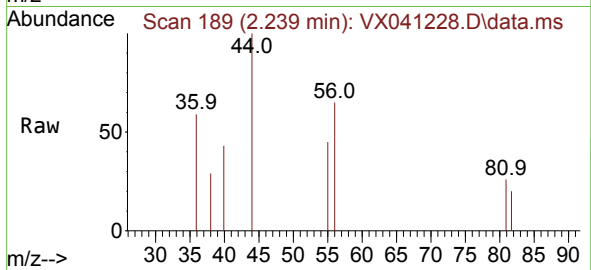
Tgt Ion: 59 Resp: 2347
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



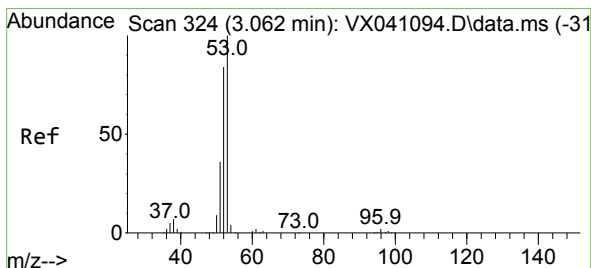
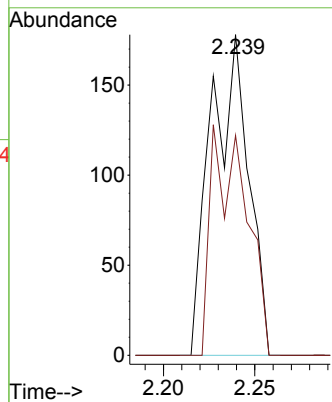
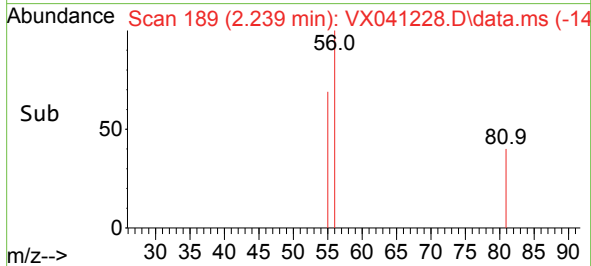


#13
Acrolein
Concen: 0.649 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041228.D
Acq: 24 Apr 2024 12:09

Instrument :
MSVOA_X
ClientSampleId :

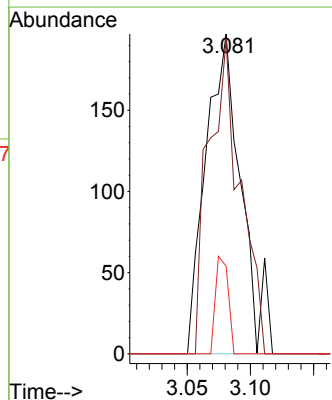
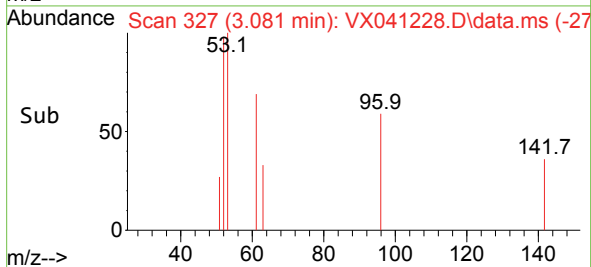
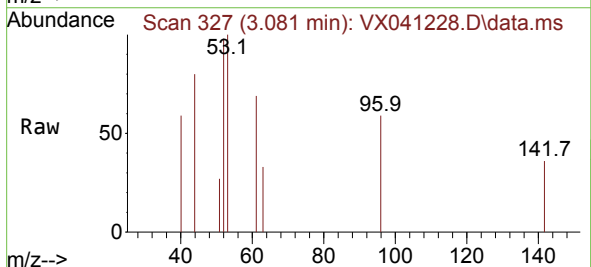


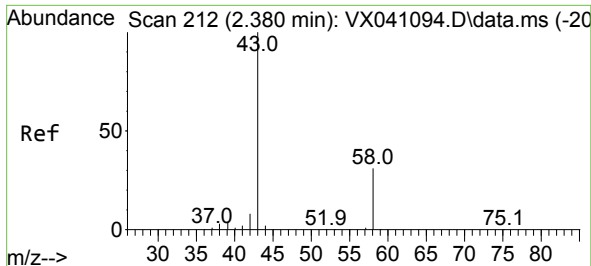
Tgt Ion: 56 Resp: 255
Ion Ratio Lower Upper
56 100
55 66.7 57.1 85.7



#15
Acrylonitrile
Concen: 0.428 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.006 min
Lab File: VX041228.D
Acq: 24 Apr 2024 12:09

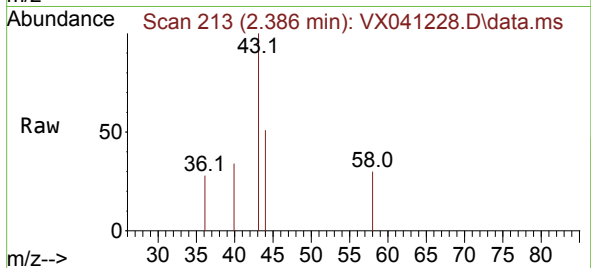
Tgt Ion: 53 Resp: 383
Ion Ratio Lower Upper
53 100
52 88.0 66.0 99.0
51 11.0 29.8 44.6#



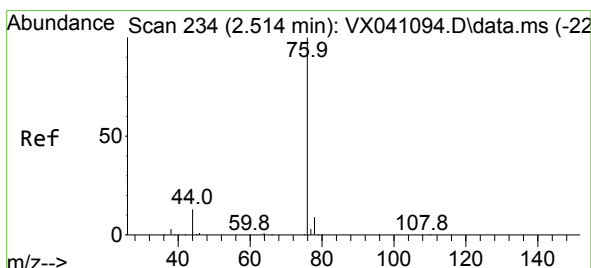
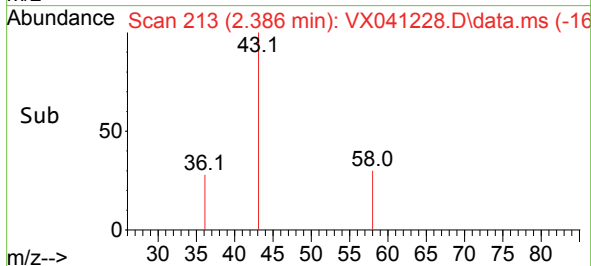
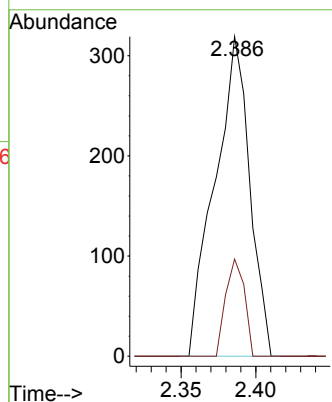


#16
Acetone
Concen: 0.726 ug/l
RT: 2.386 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX041228.D
Acq: 24 Apr 2024 12:09

Instrument :
MSVOA_X
ClientSampleId :

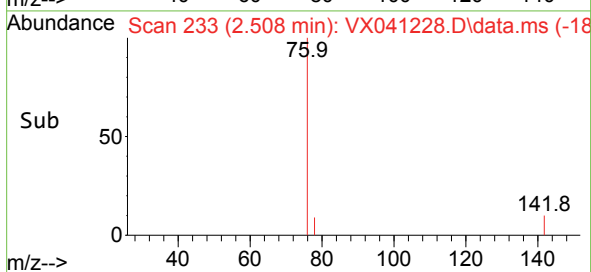
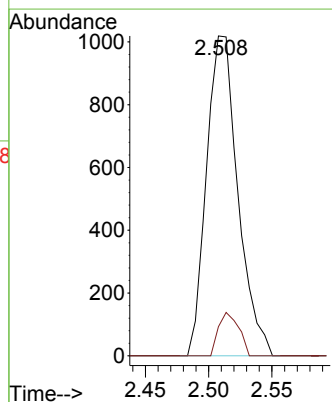
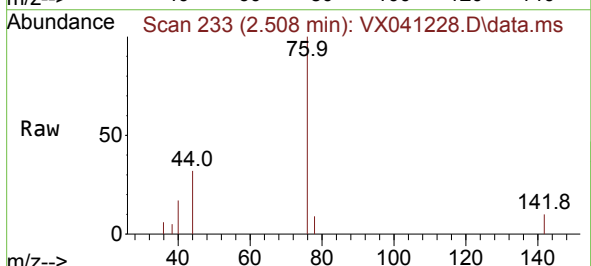


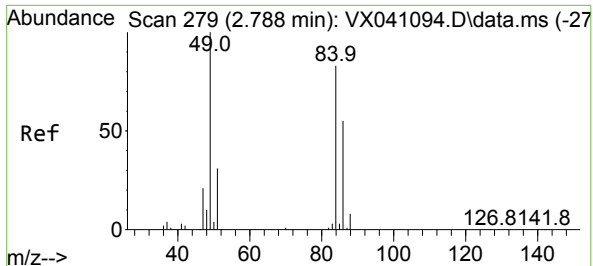
Tgt Ion: 43 Resp: 517
Ion Ratio Lower Upper
43 100
58 30.4 21.9 32.9



#17
Carbon Disulfide
Concen: 0.563 ug/l
RT: 2.508 min Scan# 233
Delta R.T. 0.006 min
Lab File: VX041228.D
Acq: 24 Apr 2024 12:09

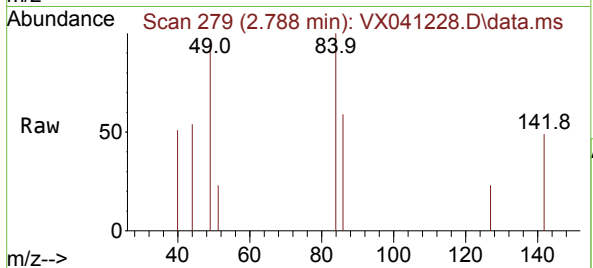
Tgt Ion: 76 Resp: 1760
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6



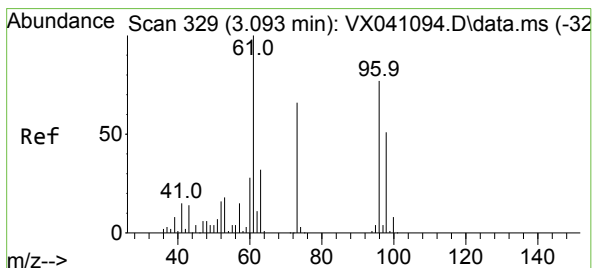
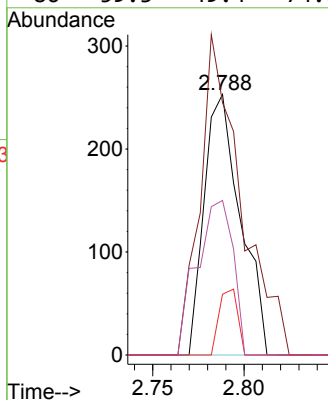
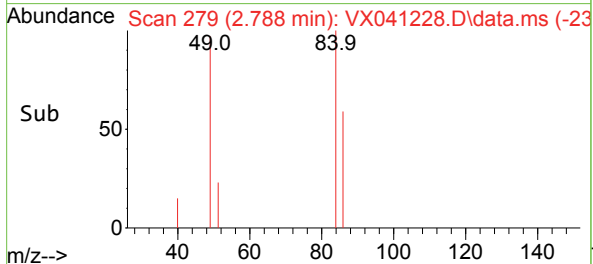


#20
Methylene Chloride
Concen: 0.201 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX041228.D
Acq: 24 Apr 2024 12:09

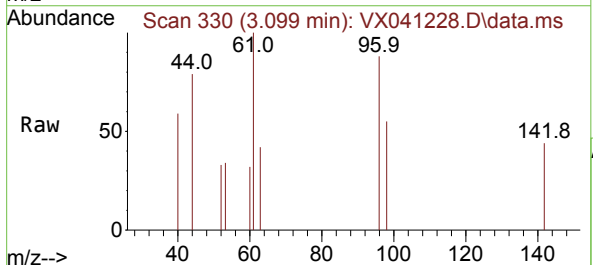
Instrument :
MSVOA_X
ClientSampleId :



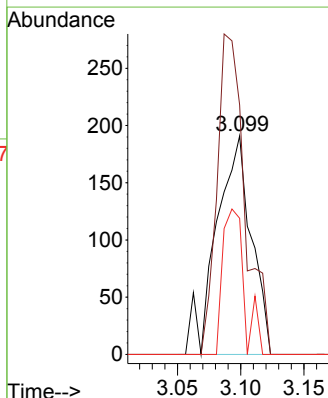
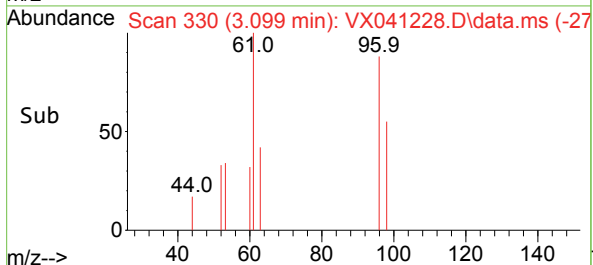
Tgt Ion: 84	Resp: 350
Ion Ratio	Lower Upper
84 100	
49 96.8	103.6 155.4#
51 23.3	33.8 50.6#
86 59.3	49.4 74.0

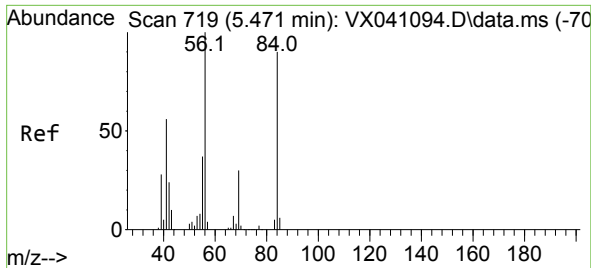


#21
trans-1,2-Dichloroethene
Concen: 0.221 ug/l
RT: 3.099 min Scan# 330
Delta R.T. 0.012 min
Lab File: VX041228.D
Acq: 24 Apr 2024 12:09



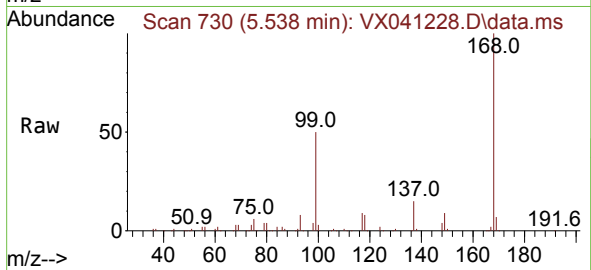
Tgt Ion: 96	Resp: 366
Ion Ratio	Lower Upper
96 100	
61 114.1	119.2 178.8#
98 62.3	48.7 73.1



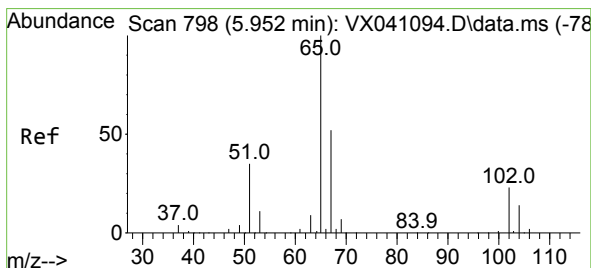
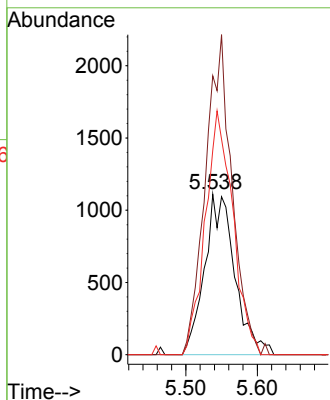
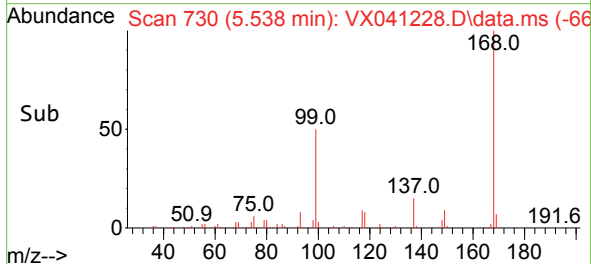


#31
Cyclohexane
Concen: 1.242 ug/l
RT: 5.538 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX041228.D
Acq: 24 Apr 2024 12:09

Instrument :
MSVOA_X
ClientSampleId :

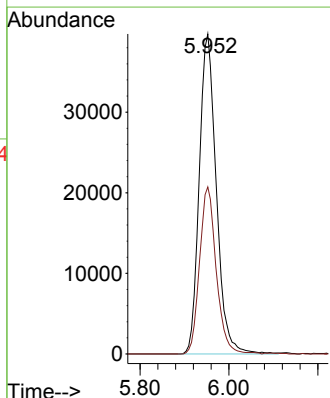
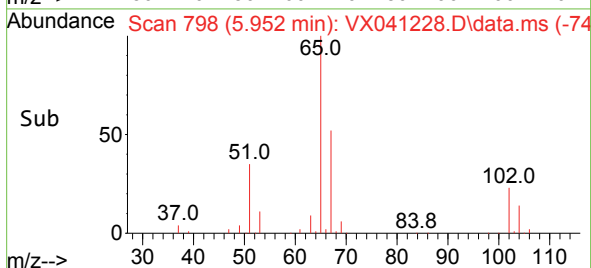
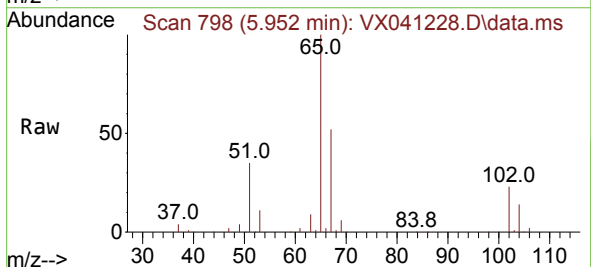


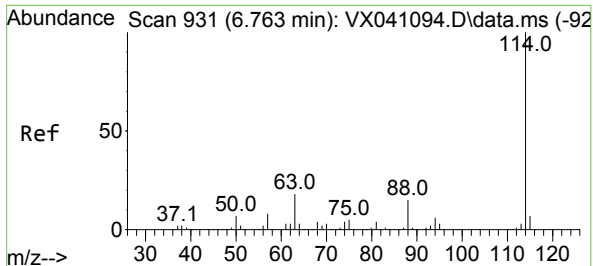
Tgt Ion: 56 Resp: 3270
Ion Ratio Lower Upper
56 100
69 173.8 23.4 35.2#
84 127.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 54.266 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX041228.D
Acq: 24 Apr 2024 12:09

Tgt Ion: 65 Resp: 106117
Ion Ratio Lower Upper
65 100
67 51.0 0.0 100.2

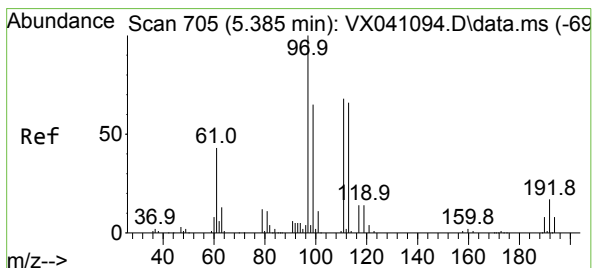
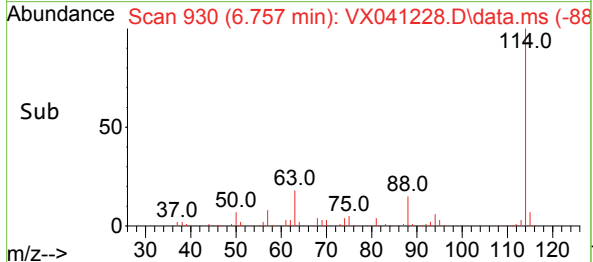
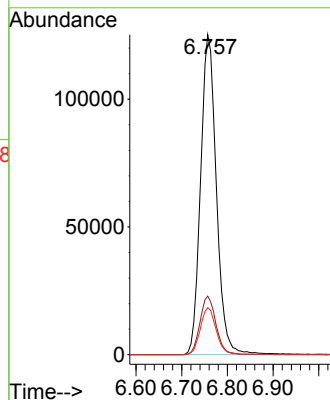
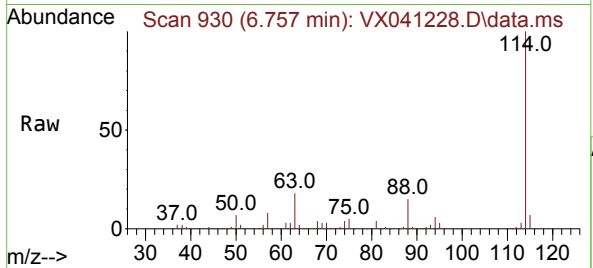




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX041228.D
Acq: 24 Apr 2024 12:09

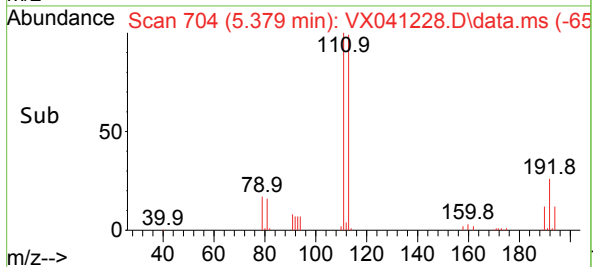
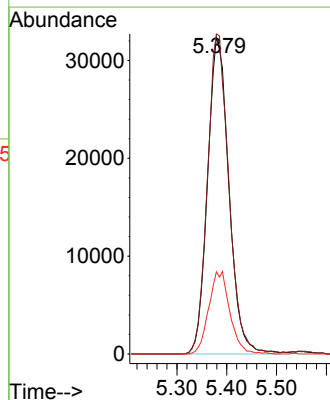
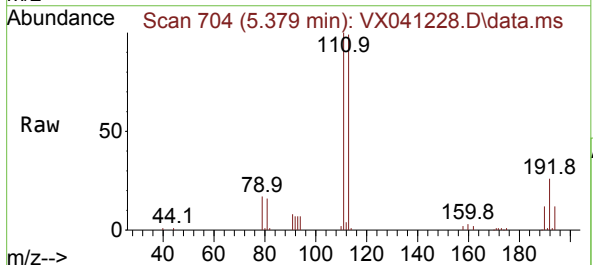
Instrument :
MSVOA_X
ClientSampleId :

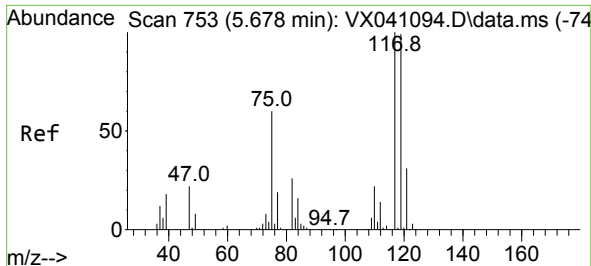
Tgt Ion:114 Resp: 301061
Ion Ratio Lower Upper
114 100
63 18.3 0.0 45.0
88 14.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 52.511 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX041228.D
Acq: 24 Apr 2024 12:09

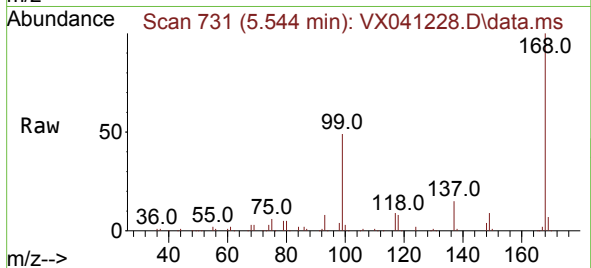
Tgt Ion:113 Resp: 96165
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 25.8 13.3 19.9#



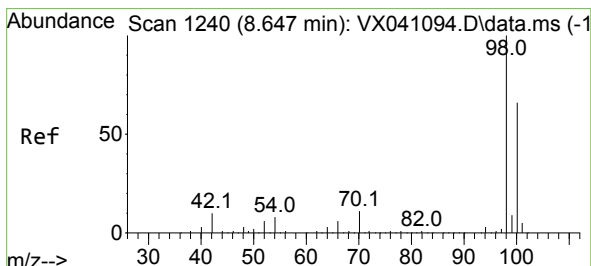
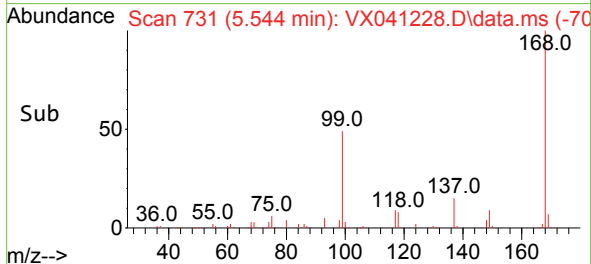
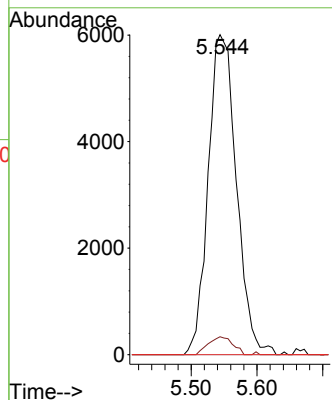


#38
Carbon Tetrachloride
Concen: 6.861 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX041228.D
Acq: 24 Apr 2024 12:09

Instrument :
MSVOA_X
ClientSampleId :

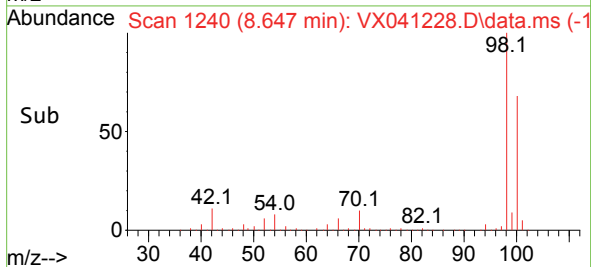
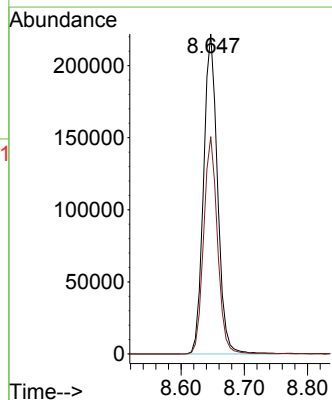
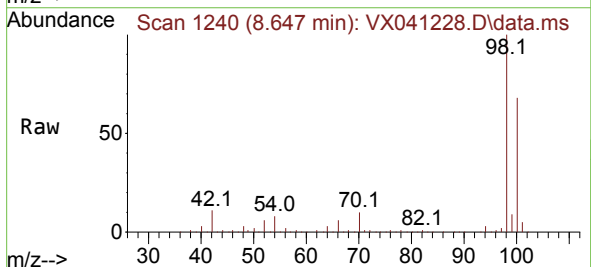


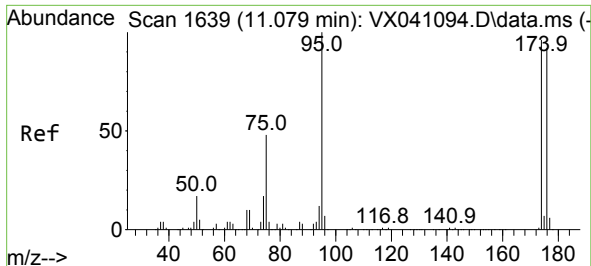
Tgt Ion:117 Resp: 17957
Ion Ratio Lower Upper
117 100
119 5.6 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 55.274 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX041228.D
Acq: 24 Apr 2024 12:09

Tgt Ion: 98 Resp: 341518
Ion Ratio Lower Upper
98 100
100 67.2 53.1 79.7

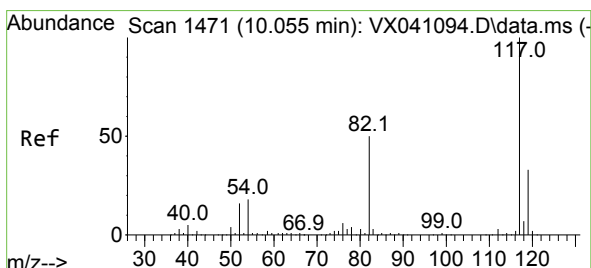
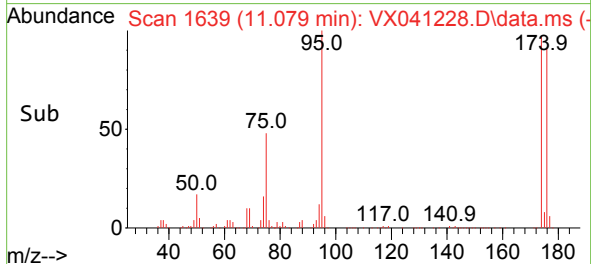
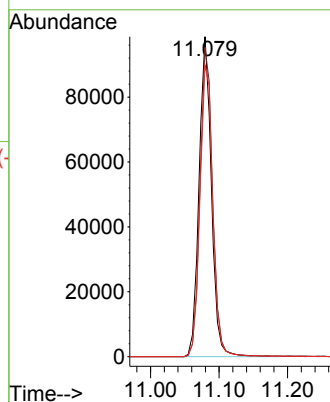
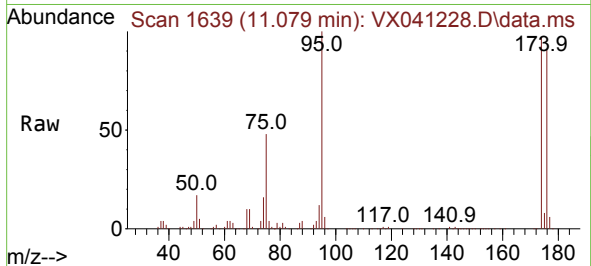




#62
4-Bromofluorobenzene
Concen: 54.235 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041228.D
Acq: 24 Apr 2024 12:09

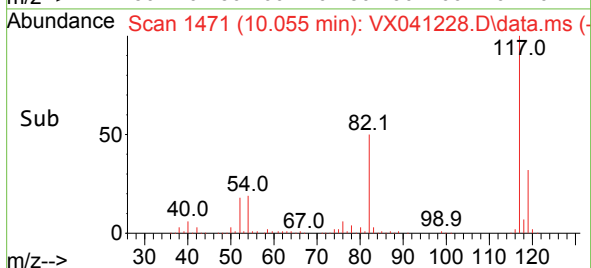
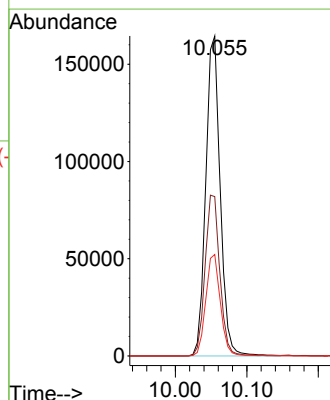
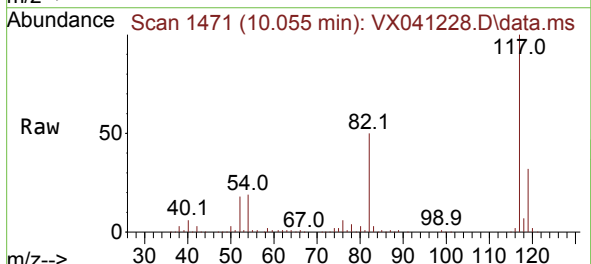
Instrument :
MSVOA_X
ClientSampleId :

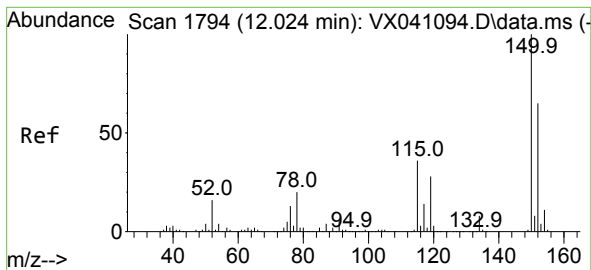
Tgt Ion: 95 Resp: 123684
Ion Ratio Lower Upper
95 100
174 99.1 0.0 135.6
176 95.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041228.D
Acq: 24 Apr 2024 12:09

Tgt Ion: 117 Resp: 230650
Ion Ratio Lower Upper
117 100
82 49.8 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: VX041228.D

Acq: 24 Apr 2024 12:09

Instrument :

MSVOA_X

ClientSampleId :

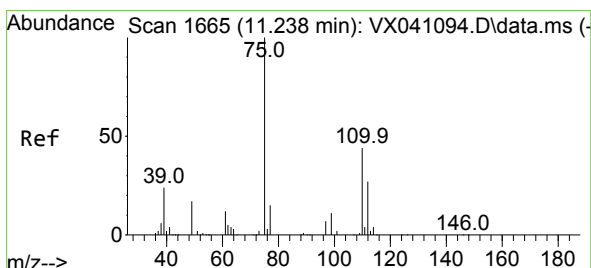
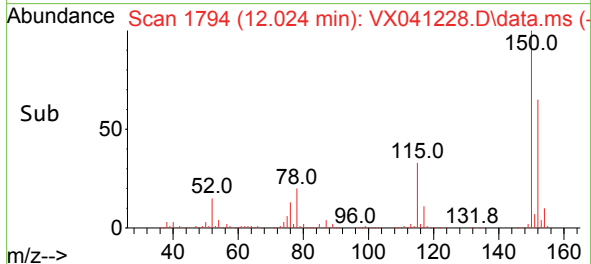
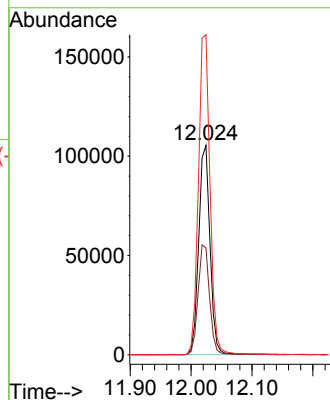
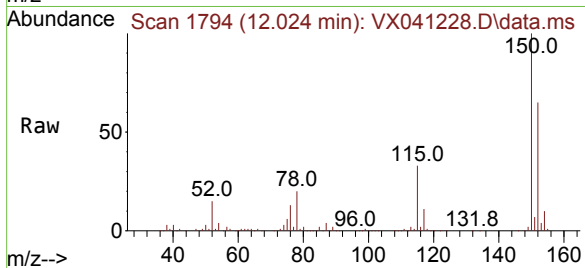
Tgt Ion:152 Resp: 135724

Ion Ratio Lower Upper

152 100

115 53.0 43.3 129.9

150 156.4 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 27.521 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX041228.D

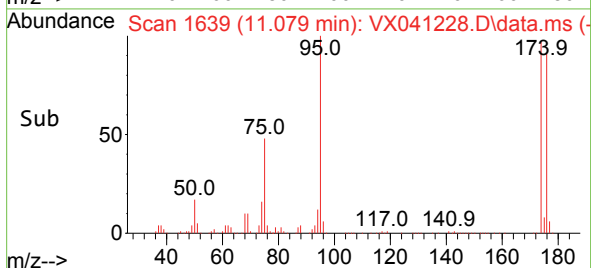
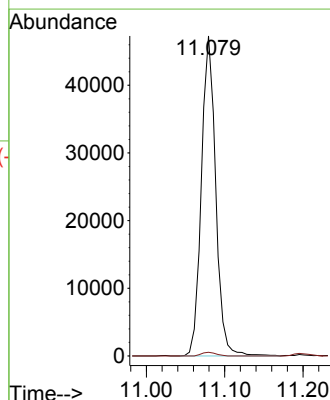
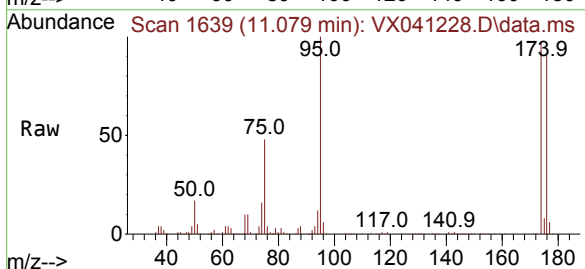
Acq: 24 Apr 2024 12:09

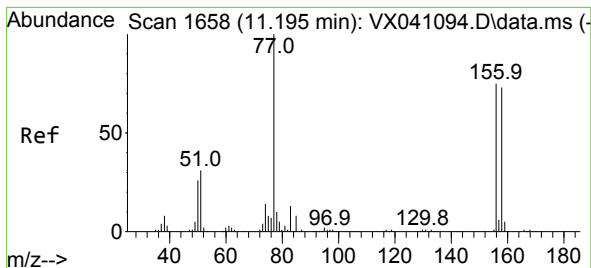
Tgt Ion: 75 Resp: 60181

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#





#77

Bromobenzene

Concen: 0.205 ug/l

RT: 11.201 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041228.D

Acq: 24 Apr 2024 12:09

Instrument :

MSVOA_X

ClientSampleId :

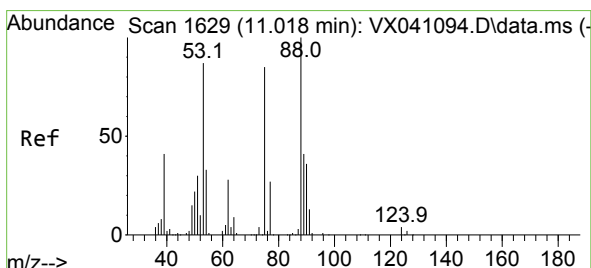
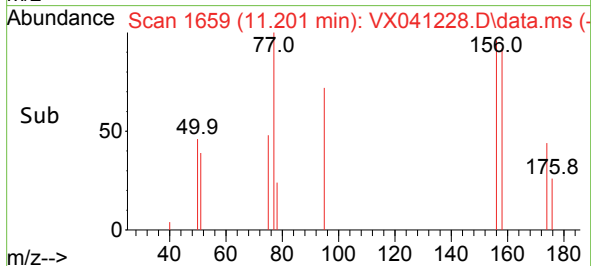
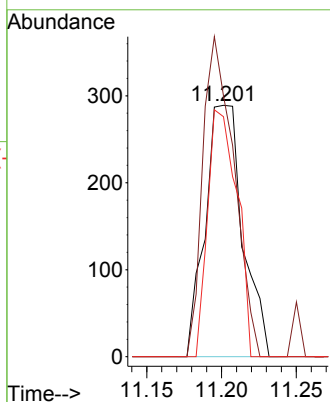
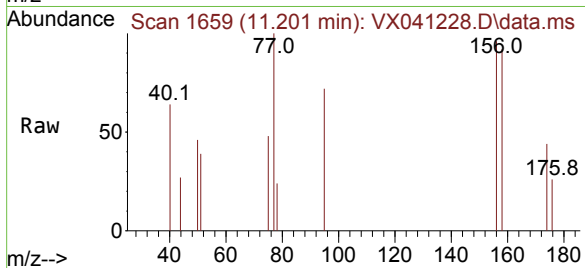
Tgt Ion:156 Resp: 505

Ion Ratio Lower Upper

156 100

77 105.3 88.4 265.3

158 76.8 48.0 144.0



#81

trans-1,4-Dichloro-2-butene

Concen: 77.644 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX041228.D

Acq: 24 Apr 2024 12:09

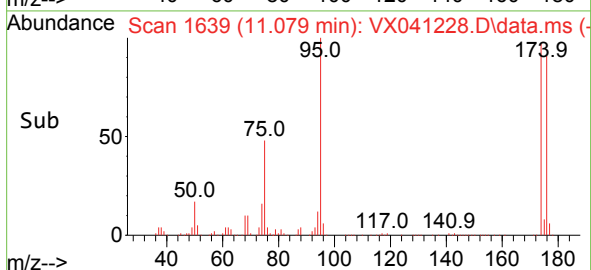
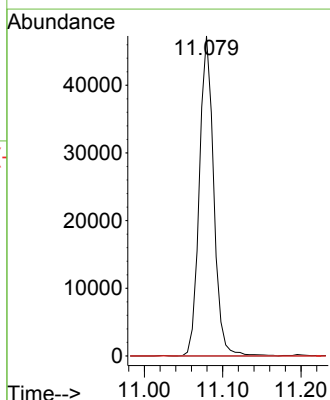
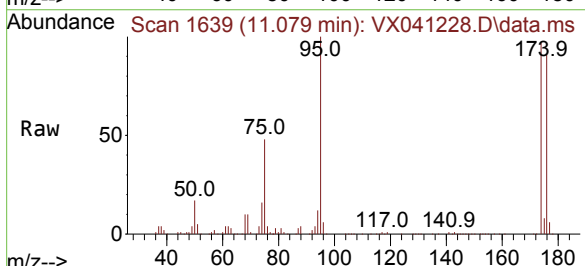
Tgt Ion: 75 Resp: 60181

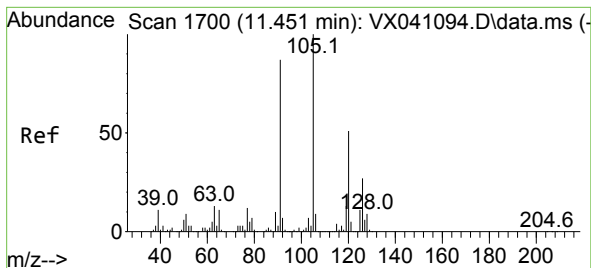
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#82

4-Chlorotoluene

Concen: 0.206 ug/l

RT: 11.457 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX041228.D

Acq: 24 Apr 2024 12:09

Instrument :

MSVOA_X

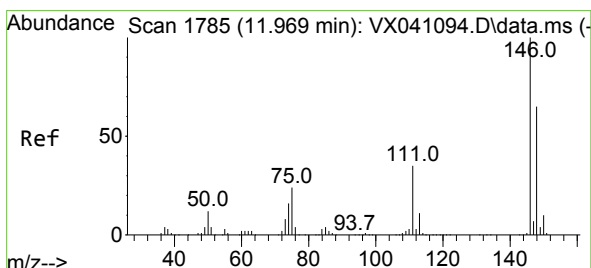
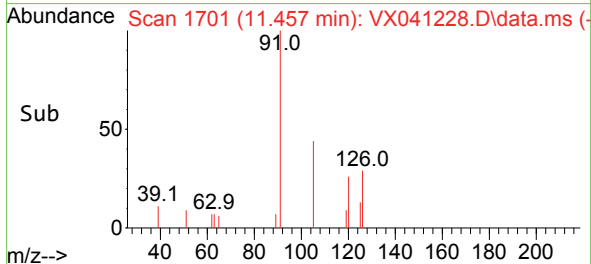
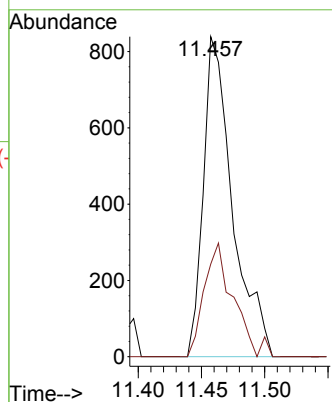
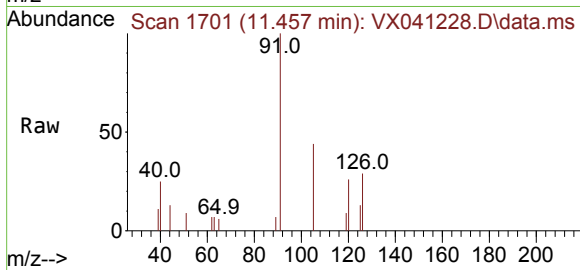
ClientSampleId :

Tgt Ion: 91 Resp: 1347

Ion Ratio Lower Upper

91 100

126 35.6 14.2 42.6



#87

1,3-Dichlorobenzene

Concen: 0.316 ug/l

RT: 11.976 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX041228.D

Acq: 24 Apr 2024 12:09

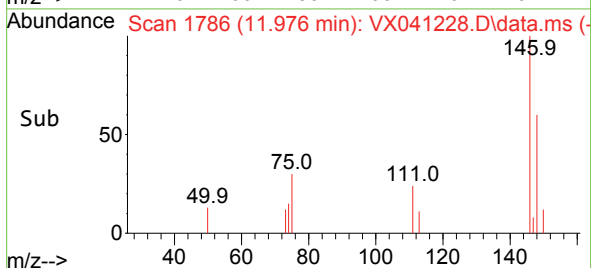
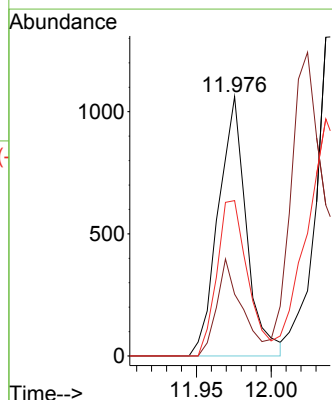
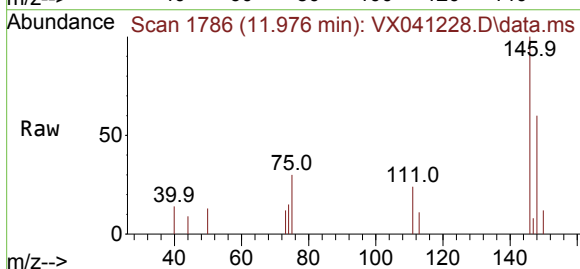
Tgt Ion:146 Resp: 1393

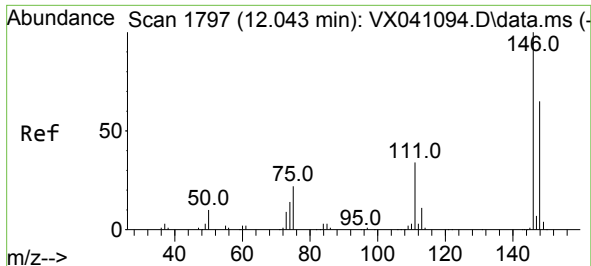
Ion Ratio Lower Upper

146 100

111 33.0 22.1 66.1

148 65.8 31.8 95.3





#88

1,4-Dichlorobenzene

Concen: 0.308 ug/l

RT: 11.976 min Scan# 1

Delta R.T. -0.067 min

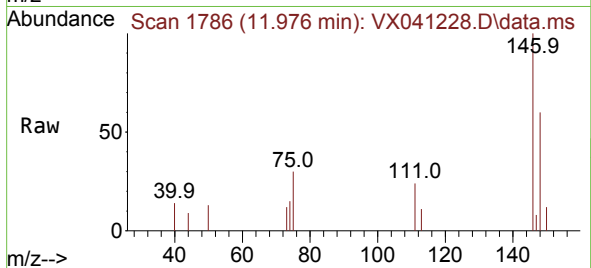
Lab File: VX041228.D

Acq: 24 Apr 2024 12:09

Instrument :

MSVOA_X

ClientSampleId :



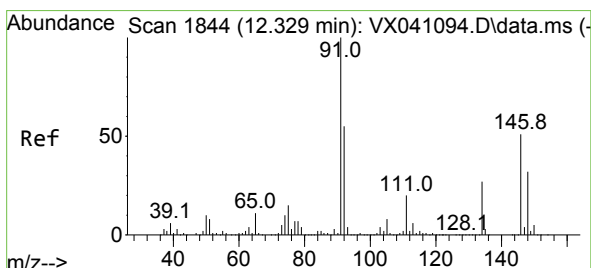
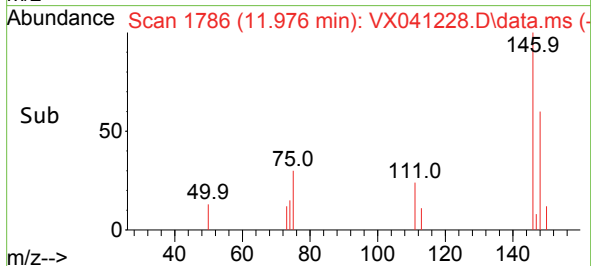
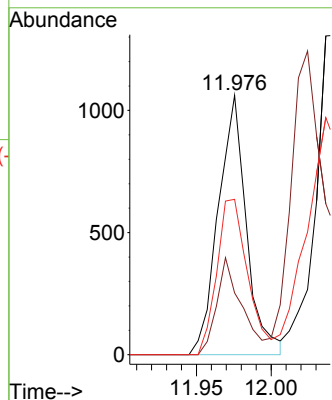
Tgt Ion:146 Resp: 1393

Ion Ratio Lower Upper

146 100

111 33.0 21.3 63.7

148 65.8 31.8 95.4



#89

n-Butylbenzene

Concen: 0.246 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX041228.D

Acq: 24 Apr 2024 12:09

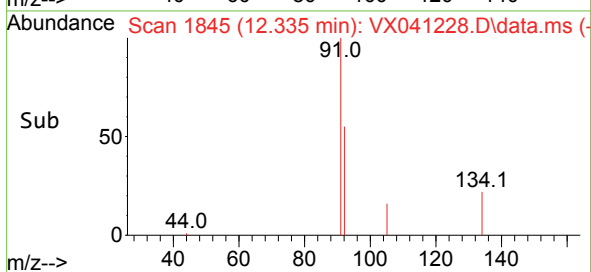
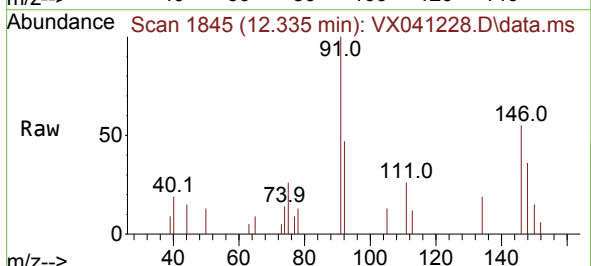
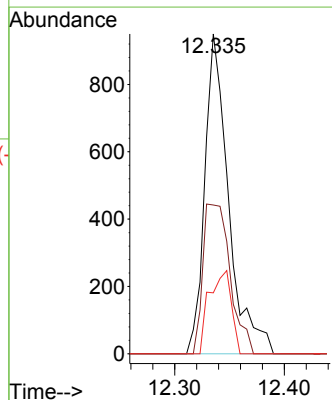
Tgt Ion: 91 Resp: 1432

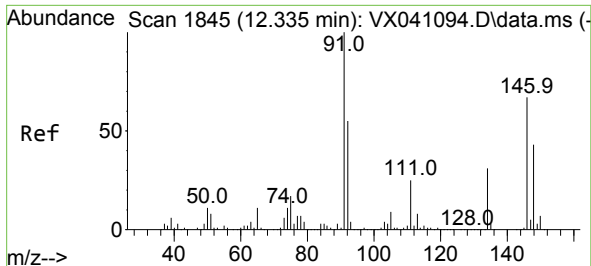
Ion Ratio Lower Upper

91 100

92 53.5 27.4 82.0

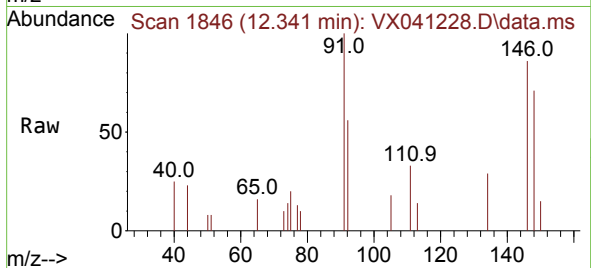
134 24.2 12.6 37.8



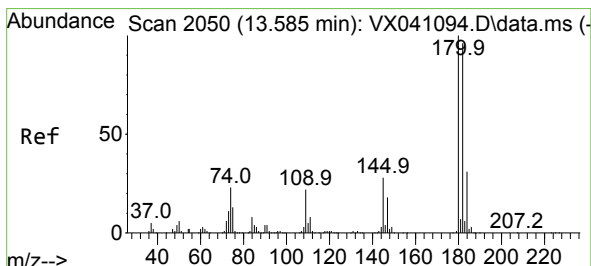
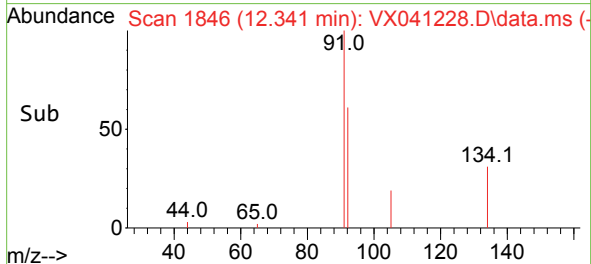
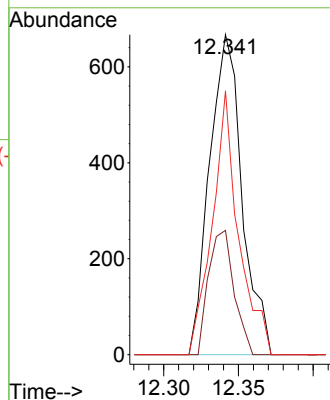


#91
1,2-Dichlorobenzene
Concen: 0.228 ug/l
RT: 12.341 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX041228.D
Acq: 24 Apr 2024 12:09

Instrument :
MSVOA_X
ClientSampleId :

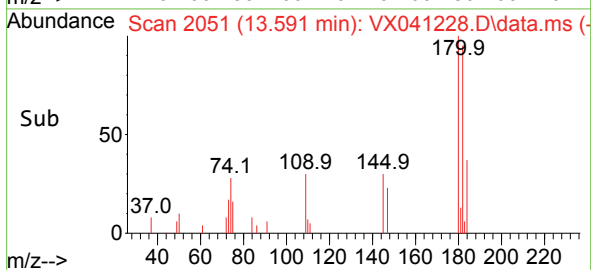
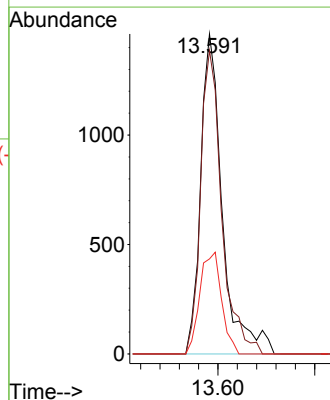
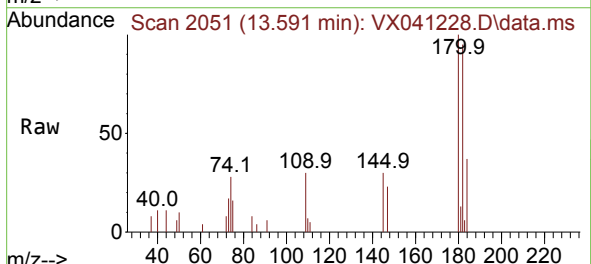


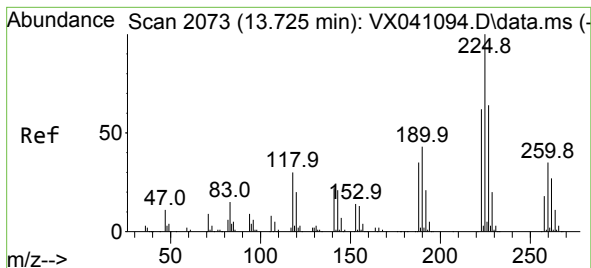
Tgt Ion:146 Resp: 1008
Ion Ratio Lower Upper
146 100
111 30.4 22.4 67.0
148 66.7 31.6 95.0



#93
1,2,4-Trichlorobenzene
Concen: 0.744 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX041228.D
Acq: 24 Apr 2024 12:09

Tgt Ion:180 Resp: 2281
Ion Ratio Lower Upper
180 100
182 92.2 48.3 144.8
145 31.8 18.0 54.0





#94

Hexachlorobutadiene

Concen: 0.449 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX041228.D

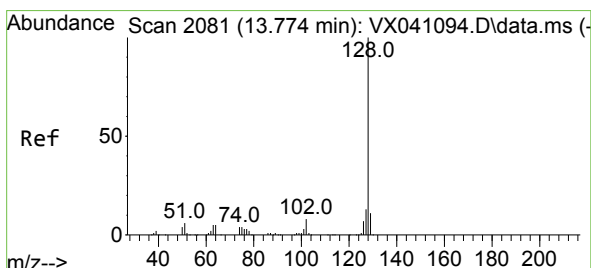
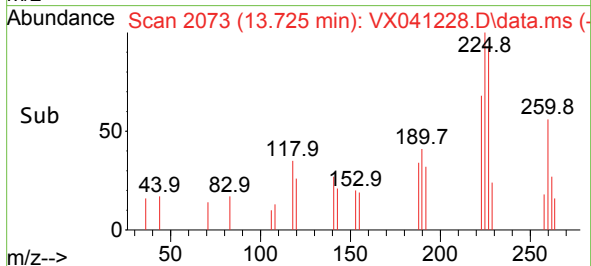
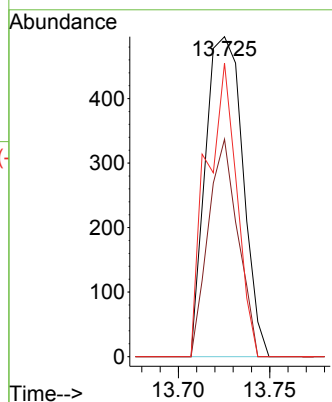
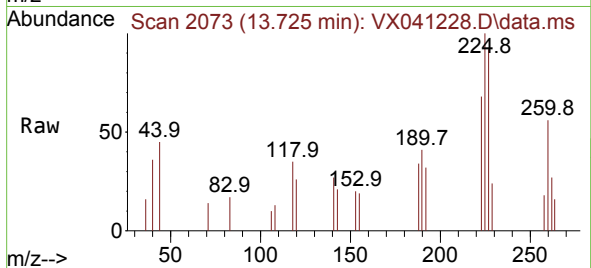
Acq: 24 Apr 2024 12:09

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:225	Resp:	704
Ion	Ratio	Lower Upper
225	100	
223	54.1	31.1 93.2
227	74.1	32.5 97.5



#95

Naphthalene

Concen: 0.705 ug/l

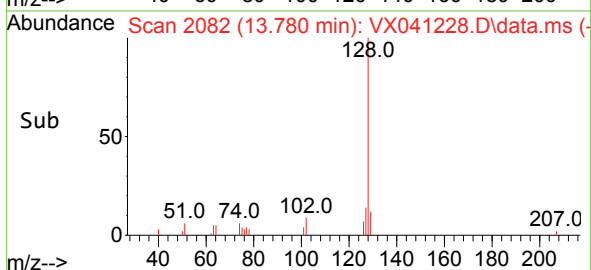
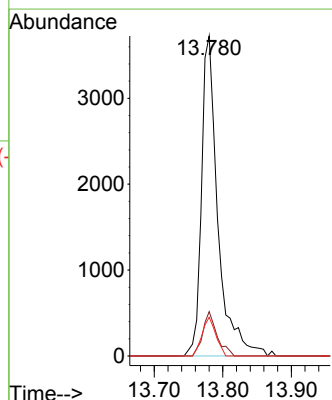
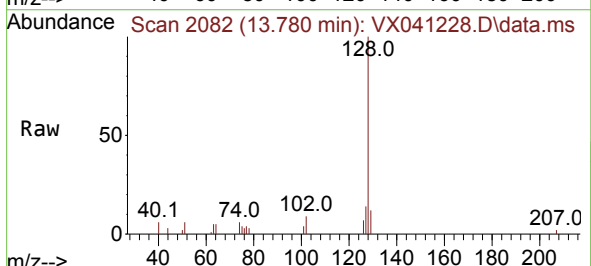
RT: 13.780 min Scan# 2082

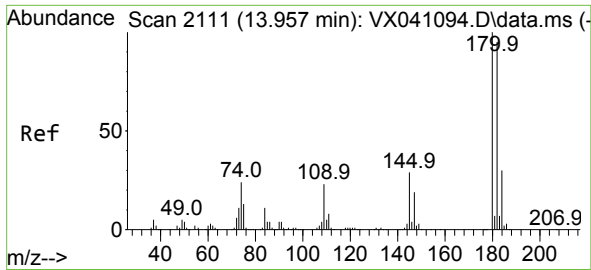
Delta R.T. 0.006 min

Lab File: VX041228.D

Acq: 24 Apr 2024 12:09

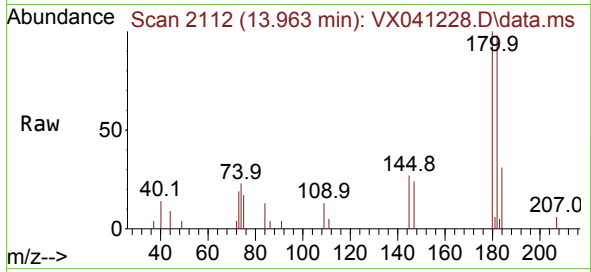
Tgt Ion:128	Resp:	6206
Ion	Ratio	Lower Upper
128	100	
127	11.9	10.3 15.5
129	10.1	8.8 13.2





#96
1,2,3-Trichlorobenzene
Concen: 0.634 ug/l
RT: 13.963 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX041228.D
Acq: 24 Apr 2024 12:09

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	104.8	46.9	140.6
145	30.6	17.8	53.5

