

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011224\
 Data File : VX039726.D
 Acq On : 12 Jan 2024 10:56
 Operator : JC/MD
 Sample : VX0112MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 12 22:33:05 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)

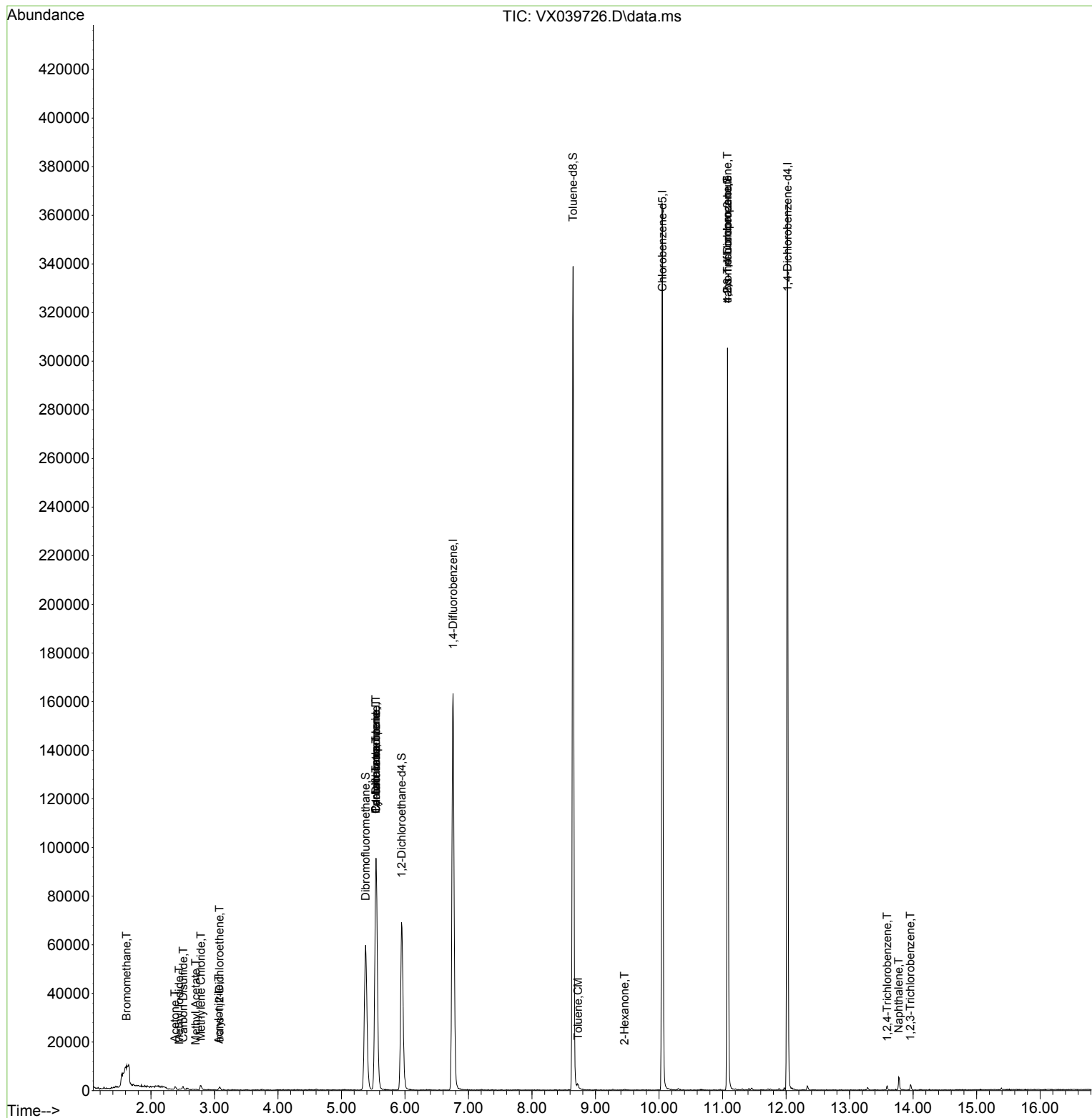
Internal Standards						
1) Pentafluorobenzene	5.544	168	86317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	162000	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	161533	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72450	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	65116	45.034	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.060%
35) Dibromofluoromethane	5.379	113	51142	46.870	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.740%
50) Toluene-d8	8.647	98	201385	48.936	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.880%
62) 4-Bromofluorobenzene	11.079	95	81699	50.767	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.540%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	515	0.750	ug/l #	36
10) Methyl Iodide	2.447	142	482	0.424	ug/l #	63
13) Acrolein	2.227	56	142	Below Cal		99
15) Acrylonitrile	3.068	53	446	0.574	ug/l #	90
16) Acetone	2.380	43	1134	1.395	ug/l #	86
17) Carbon Disulfide	2.508	76	1488	0.498	ug/l	96
18) Methyl Acetate	2.703	43	427	0.251	ug/l #	53
20) Methylene Chloride	2.788	84	1009	0.820	ug/l #	88
21) trans-1,2-Dichloroethene	3.081	96	252	0.230	ug/l #	59
31) Cyclohexane	5.544	56	2333	1.223	ug/l #	12
36) 1,1-Dichloropropene	5.544	75	7864	4.630	ug/l #	50
38) Carbon Tetrachloride	5.544	117	9189	5.907	ug/l #	17
52) Toluene	8.726	92	864	0.301	ug/l	82
59) 2-Hexanone	9.458	43	427	0.236	ug/l #	45
76) 1,2,3-Trichloropropane	11.079	75	43108	22.950	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	43108	66.289	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	613	0.412	ug/l	90
95) Naphthalene	13.774	128	4044	0.739	ug/l	98
96) 1,2,3-Trichlorobenzene	13.957	180	695	0.463	ug/l	88

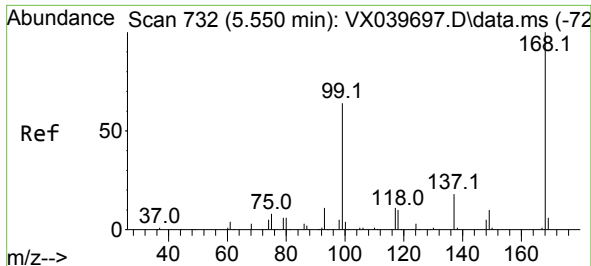
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011224\
Data File : VX039726.D
Acq On : 12 Jan 2024 10:56
Operator : JC/MD
Sample : VX0112MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

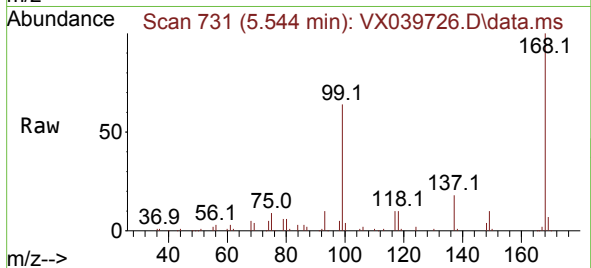
Quant Time: Jan 12 22:33:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration



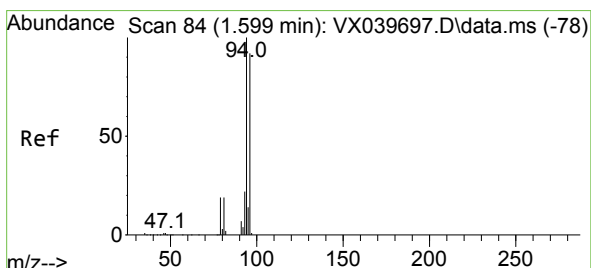
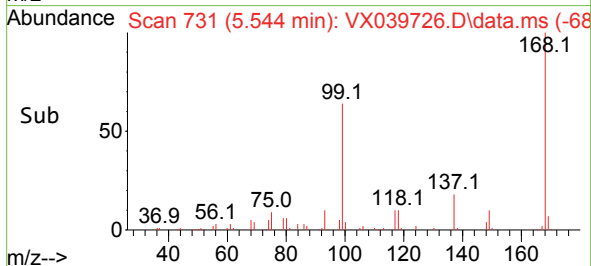
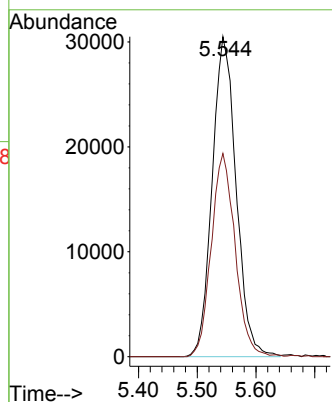


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX039726.D
Acq: 12 Jan 2024 10:56

Instrument :
MSVOA_X
ClientSampleId :

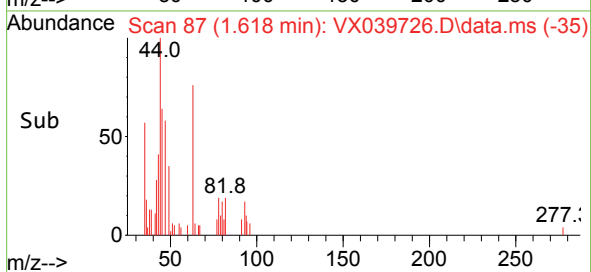
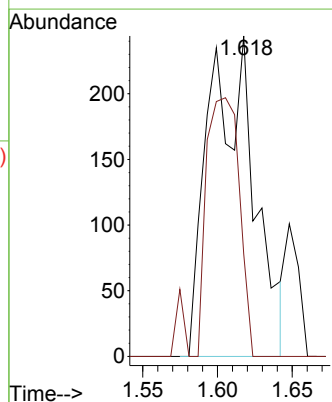
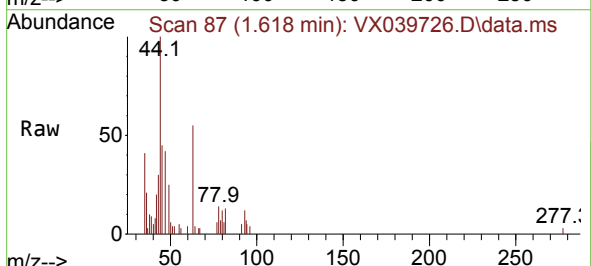


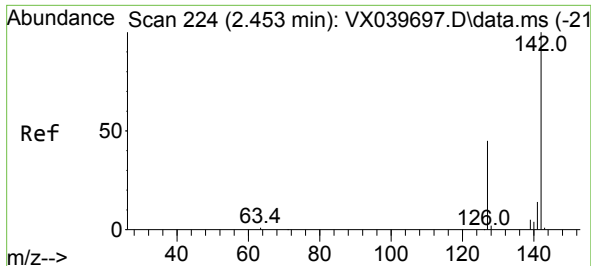
Tgt Ion:168 Resp: 86317
Ion Ratio Lower Upper
168 100
99 63.5 56.6 85.0



#5
Bromomethane
Concen: 0.750 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX039726.D
Acq: 12 Jan 2024 10:56

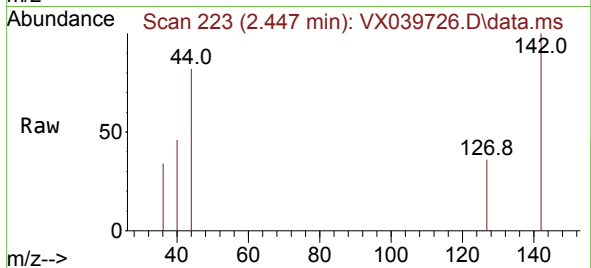
Tgt Ion: 94 Resp: 515
Ion Ratio Lower Upper
94 100
96 32.0 74.6 111.8#



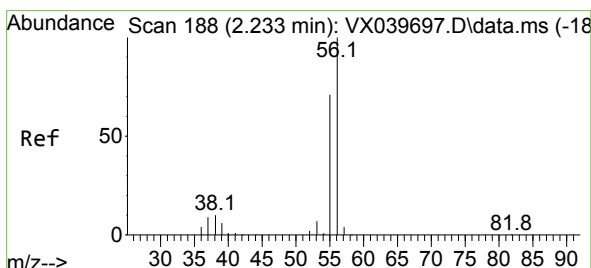
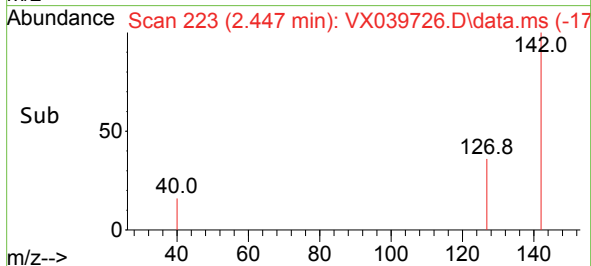
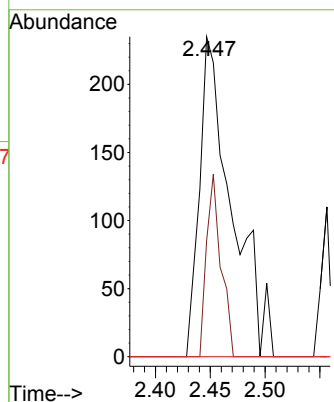


#10
Methyl Iodide
Concen: 0.424 ug/l
RT: 2.447 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX039726.D
Acq: 12 Jan 2024 10:56

Instrument :
MSVOA_X
ClientSampleId :

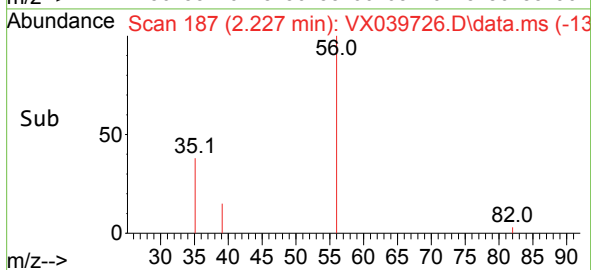
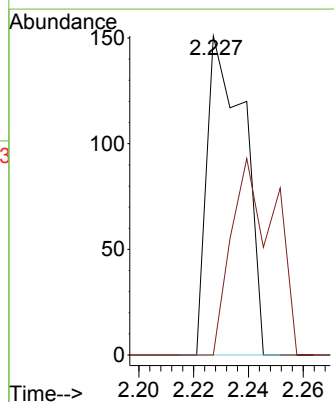
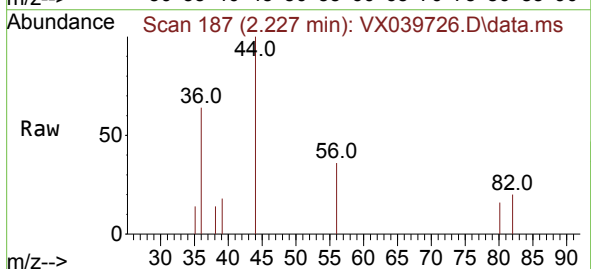


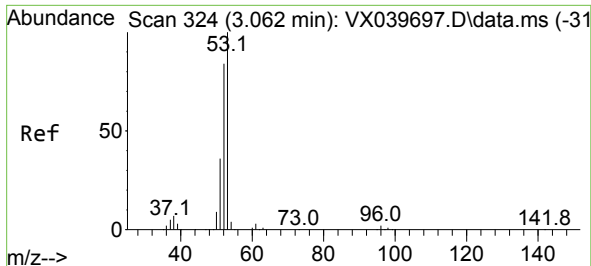
Tgt Ion:142 Resp: 482
Ion Ratio Lower Upper
142 100
127 25.5 41.6 62.4#
141 0.0 11.6 17.4#



#13
Acrolein
Concen: Below Cal
RT: 2.227 min Scan# 187
Delta R.T. -0.006 min
Lab File: VX039726.D
Acq: 12 Jan 2024 10:56

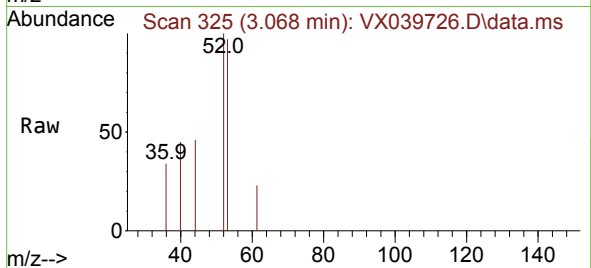
Tgt Ion: 56 Resp: 142
Ion Ratio Lower Upper
56 100
55 71.8 57.1 85.7



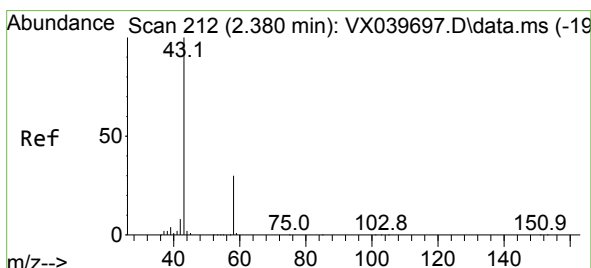
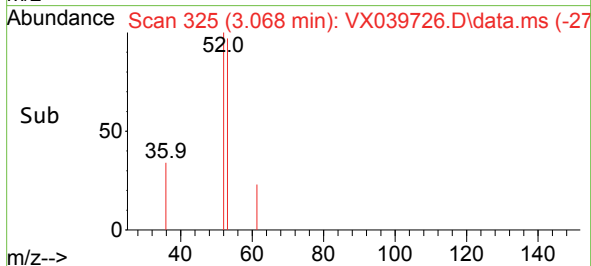
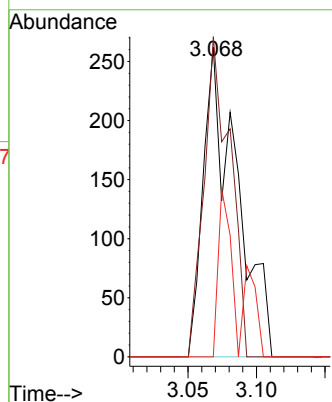


#15
Acrylonitrile
Concen: 0.574 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX039726.D
Acq: 12 Jan 2024 10:56

Instrument :
MSVOA_X
ClientSampleId :

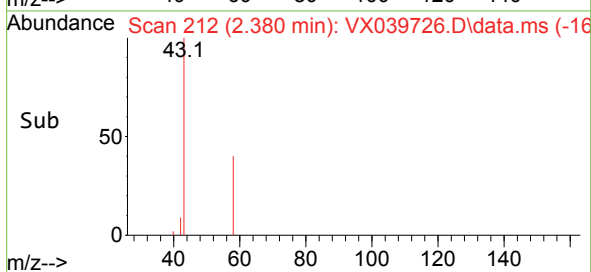
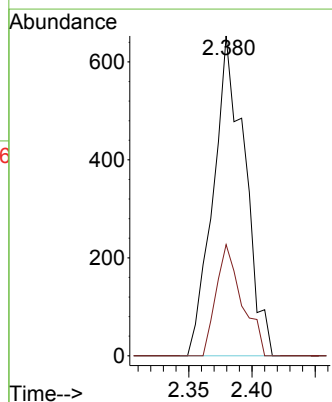
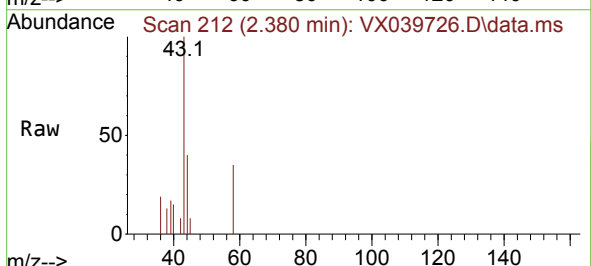


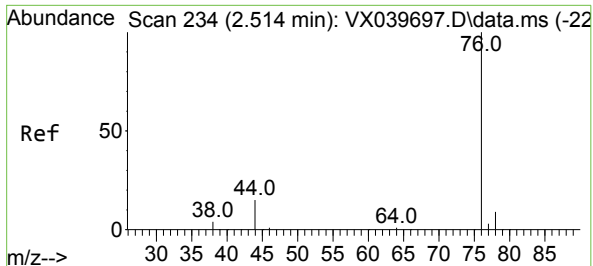
Tgt Ion: 53 Resp: 446
Ion Ratio Lower Upper
53 100
52 80.7 66.0 99.0
51 20.2 29.8 44.6#



#16
Acetone
Concen: 1.395 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX039726.D
Acq: 12 Jan 2024 10:56

Tgt Ion: 43 Resp: 1134
Ion Ratio Lower Upper
43 100
58 34.8 21.9 32.9#





#17

Carbon Disulfide

Concen: 0.498 ug/l

RT: 2.508 min Scan# 21

Delta R.T. -0.006 min

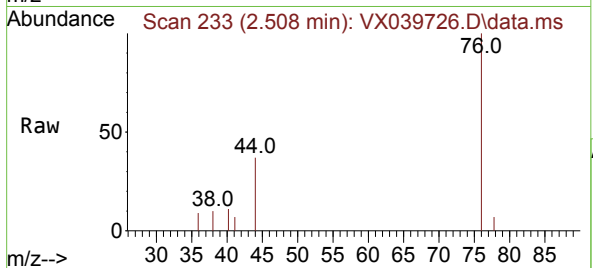
Lab File: VX039726.D

Acq: 12 Jan 2024 10:56

Instrument :

MSVOA_X

ClientSampleId :

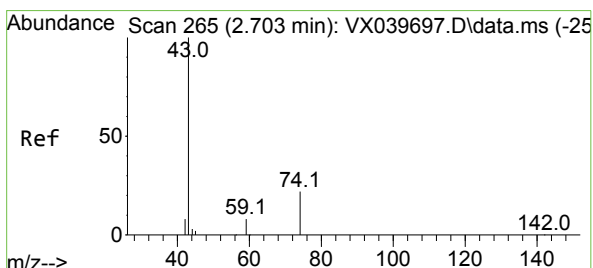
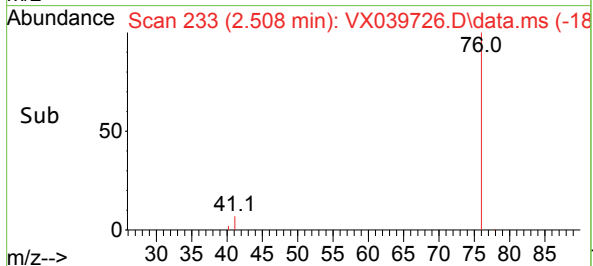
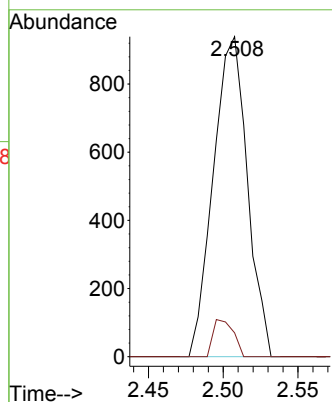


Tgt Ion: 76 Resp: 1488

Ion Ratio Lower Upper

76 100

78 7.5 7.0 10.6



#18

Methyl Acetate

Concen: 0.251 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.000 min

Lab File: VX039726.D

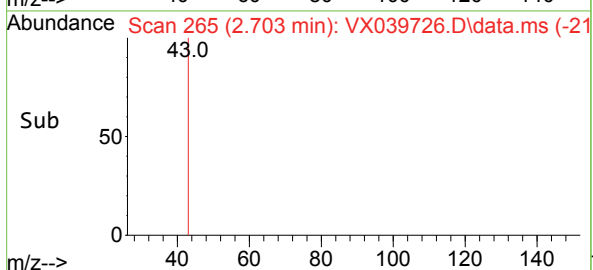
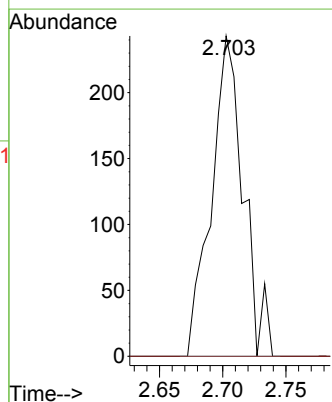
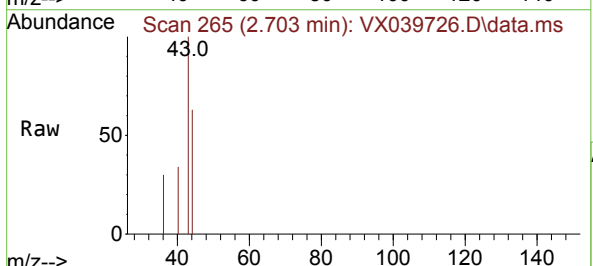
Acq: 12 Jan 2024 10:56

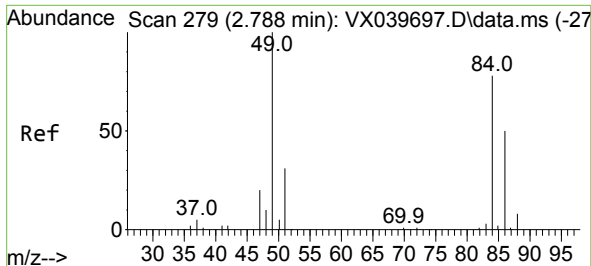
Tgt Ion: 43 Resp: 427

Ion Ratio Lower Upper

43 100

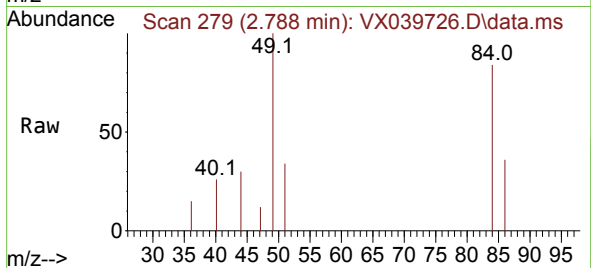
74 0.0 17.8 26.8#



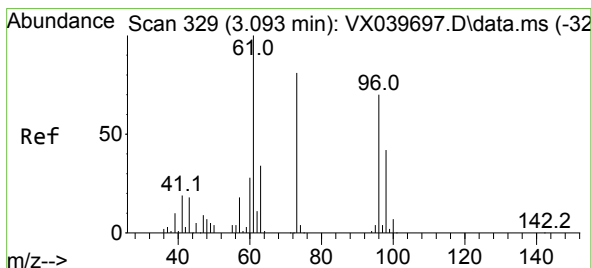
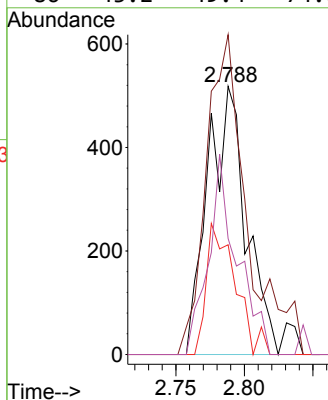
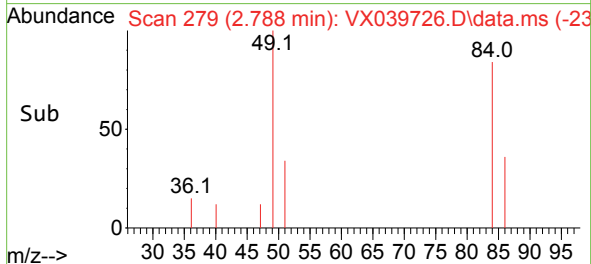


#20
Methylene Chloride
Concen: 0.820 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX039726.D
Acq: 12 Jan 2024 10:56

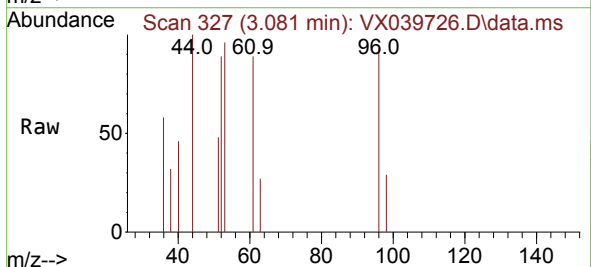
Instrument :
MSVOA_X
ClientSampleId :



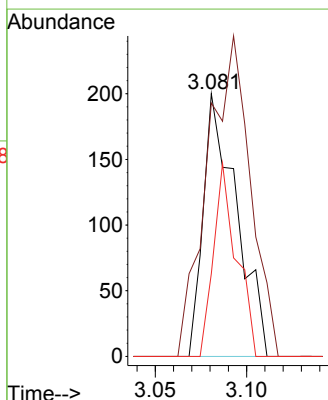
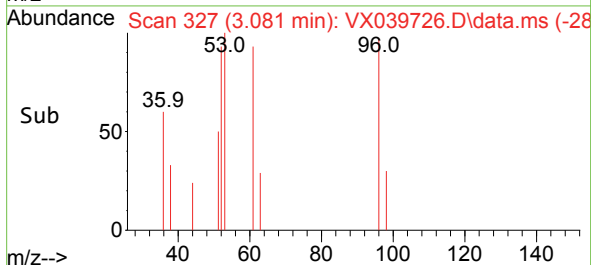
Tgt Ion: 84 Resp: 1009
Ion Ratio Lower Upper
84 100
49 119.3 103.6 155.4
51 40.9 33.8 50.6
86 43.2 49.4 74.0#

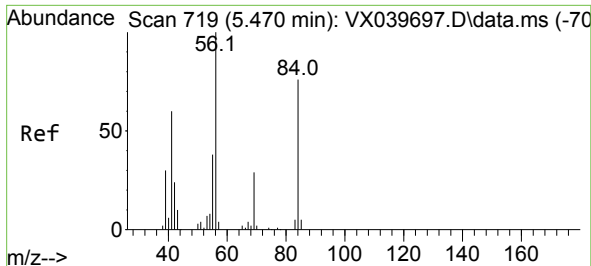


#21
trans-1,2-Dichloroethene
Concen: 0.230 ug/l
RT: 3.081 min Scan# 327
Delta R.T. -0.012 min
Lab File: VX039726.D
Acq: 12 Jan 2024 10:56



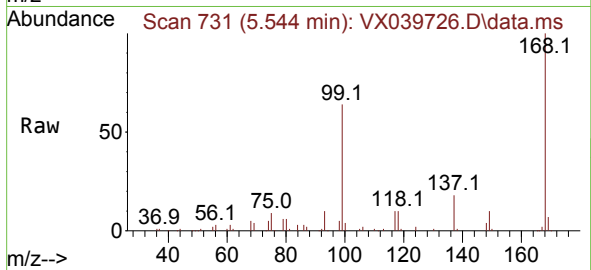
Tgt Ion: 96 Resp: 252
Ion Ratio Lower Upper
96 100
61 96.5 119.2 178.8#
98 31.5 48.7 73.1#



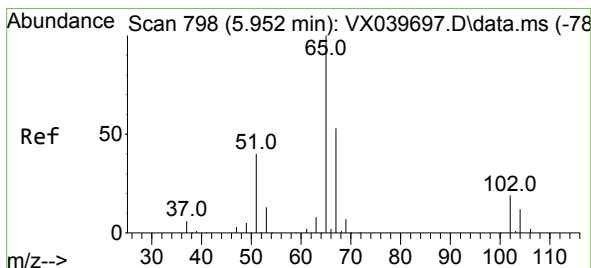
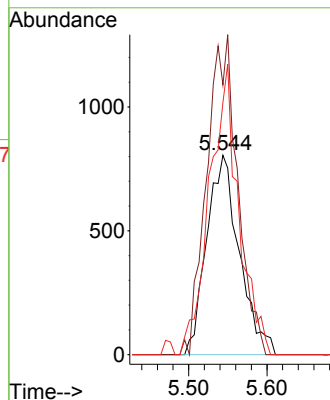
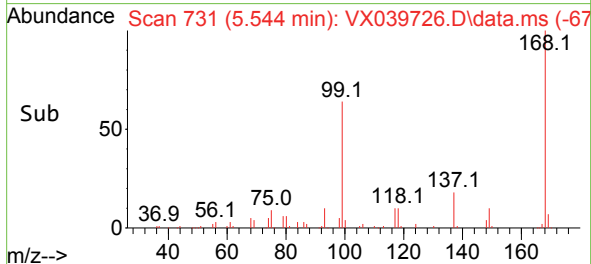


#31
Cyclohexane
Concen: 1.223 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX039726.D
Acq: 12 Jan 2024 10:56

Instrument :
MSVOA_X
ClientSampleId :

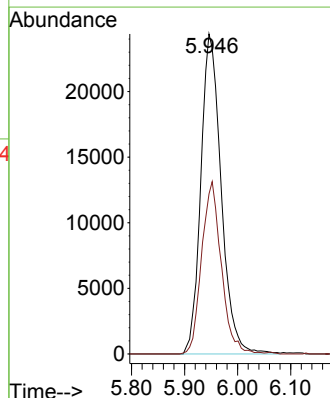
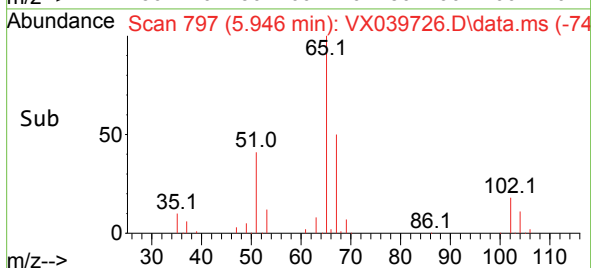
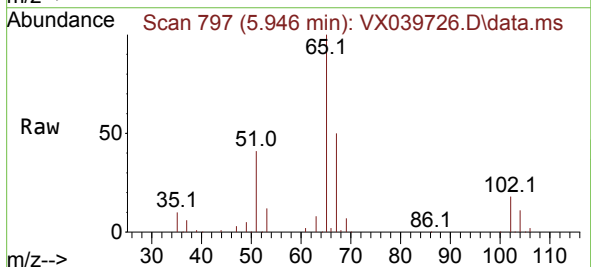


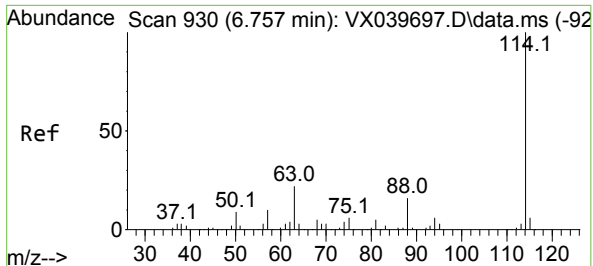
Tgt Ion: 56 Resp: 2333
Ion Ratio Lower Upper
56 100
69 135.3 23.4 35.2#
84 126.5 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 45.034 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX039726.D
Acq: 12 Jan 2024 10:56

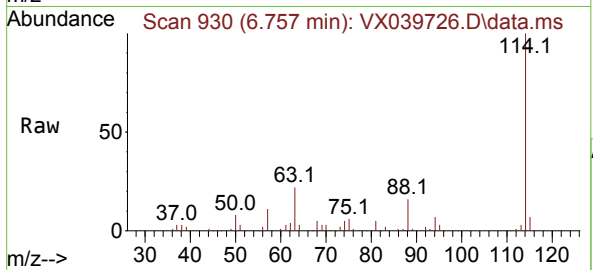
Tgt Ion: 65 Resp: 65116
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.2



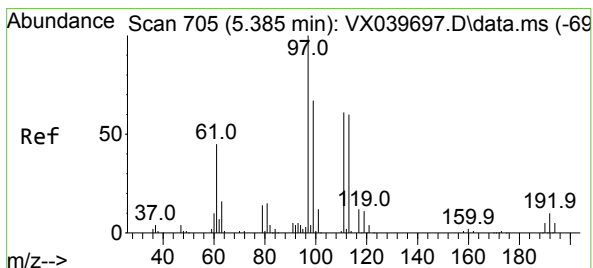
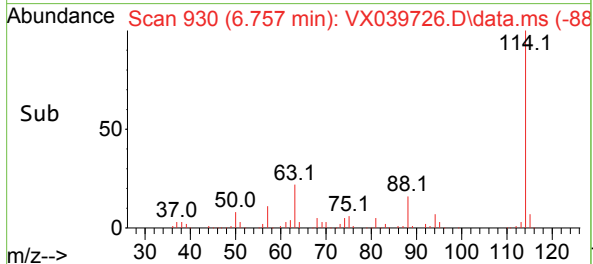
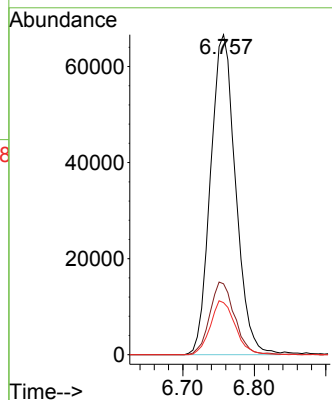


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX039726.D
Acq: 12 Jan 2024 10:56

Instrument :
MSVOA_X
ClientSampleId :

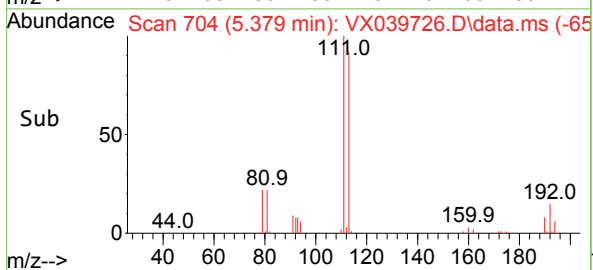
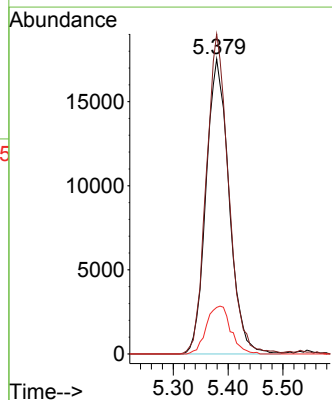
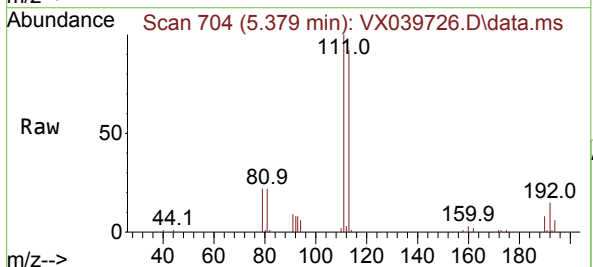


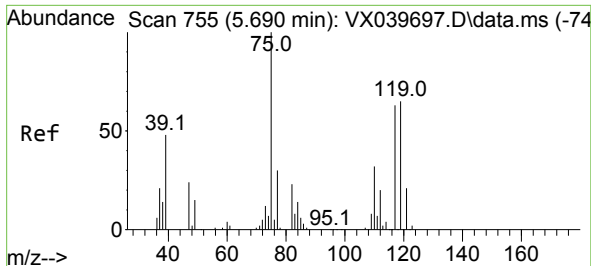
Tgt Ion:114 Resp: 162000
Ion Ratio Lower Upper
114 100
63 22.1 0.0 45.0
88 16.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.870 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX039726.D
Acq: 12 Jan 2024 10:56

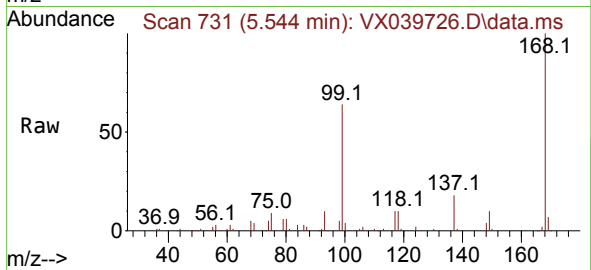
Tgt Ion:113 Resp: 51142
Ion Ratio Lower Upper
113 100
111 105.1 82.9 124.3
192 17.1 13.3 19.9



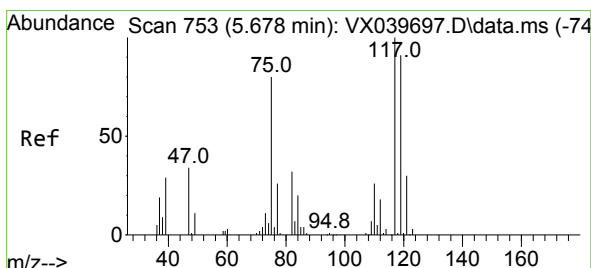
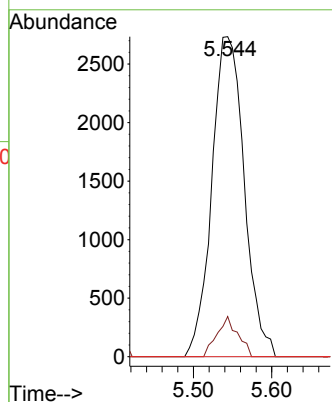
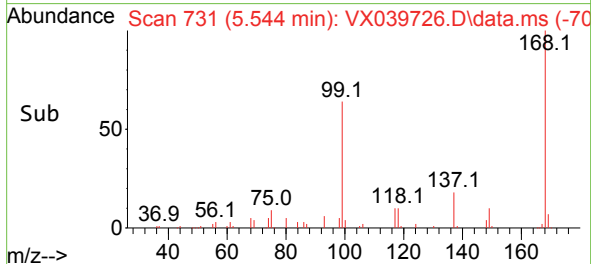


#36
1,1-Dichloropropene
Concen: 4.630 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX039726.D
Acq: 12 Jan 2024 10:56

Instrument :
MSVOA_X
ClientSampleId :

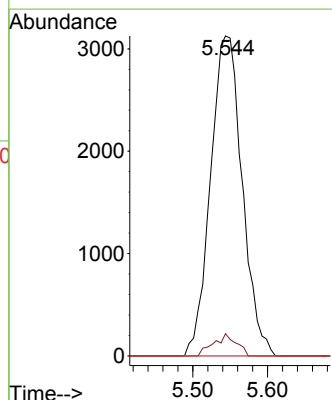
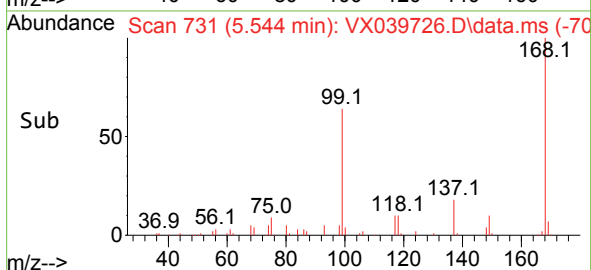
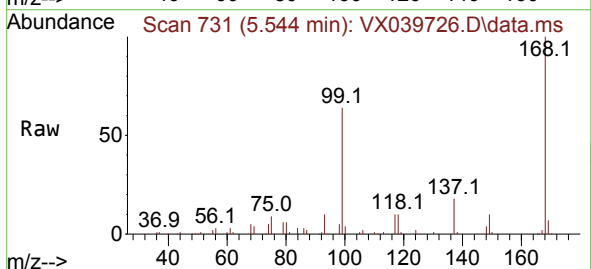


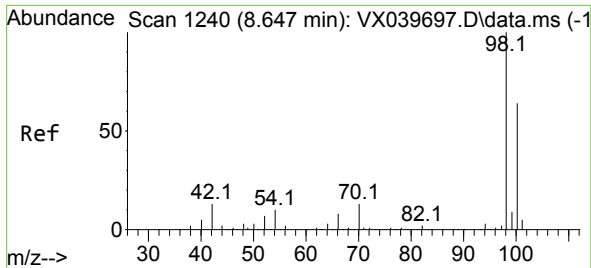
Tgt Ion: 75 Resp: 7864
Ion Ratio Lower Upper
75 100
110 8.0 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 5.907 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX039726.D
Acq: 12 Jan 2024 10:56

Tgt Ion: 117 Resp: 9189
Ion Ratio Lower Upper
117 100
119 6.9 78.2 117.2#
121 0.0 24.4 36.6#

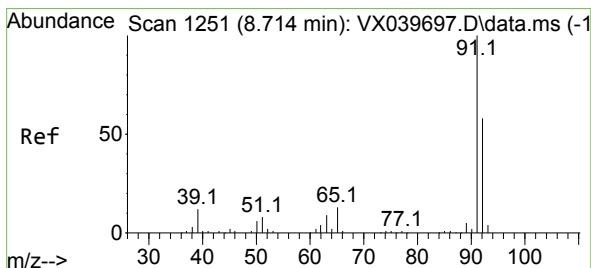
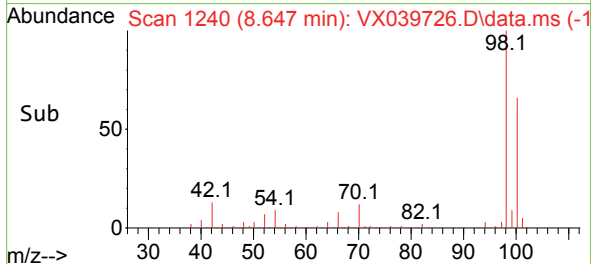
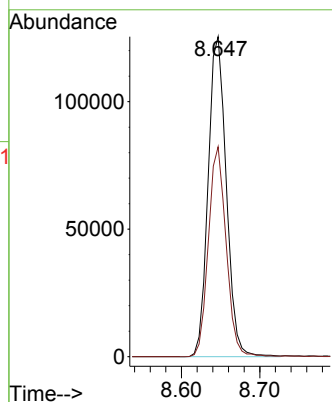
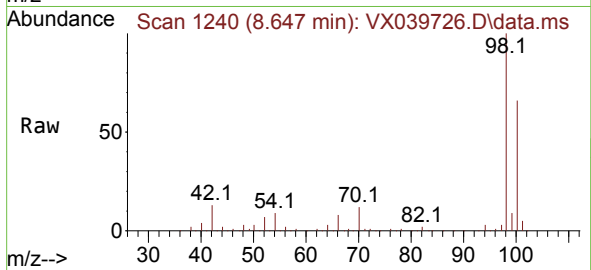




#50
Toluene-d8
Concen: 48.936 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039726.D
Acq: 12 Jan 2024 10:56

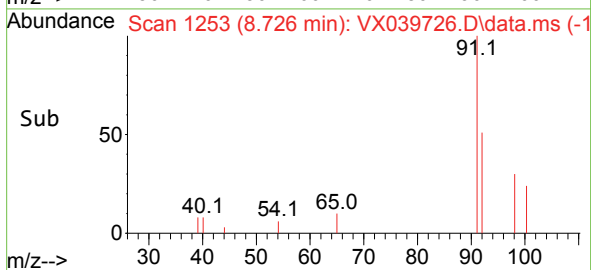
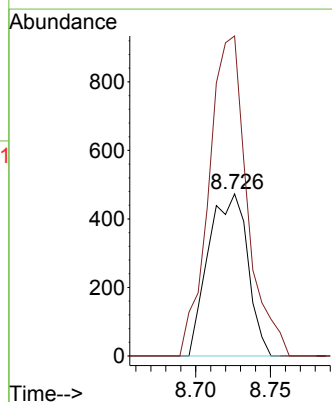
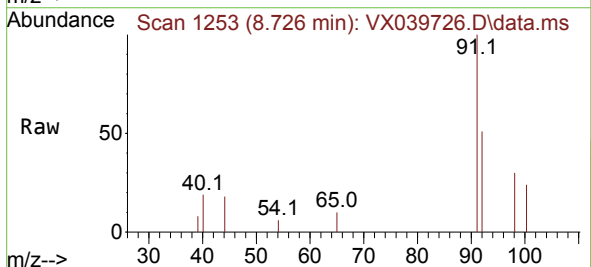
Instrument :
MSVOA_X
ClientSampleId :

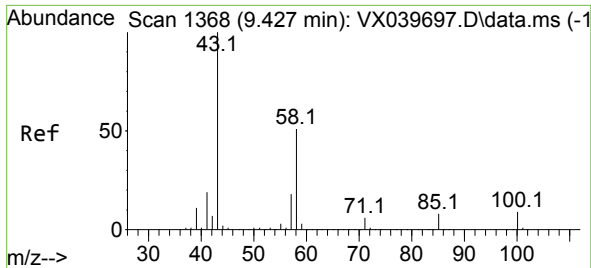
Tgt Ion: 98 Resp: 201385
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7



#52
Toluene
Concen: 0.301 ug/l
RT: 8.726 min Scan# 1253
Delta R.T. 0.012 min
Lab File: VX039726.D
Acq: 12 Jan 2024 10:56

Tgt Ion: 92 Resp: 864
Ion Ratio Lower Upper
92 100
91 192.4 134.2 201.2

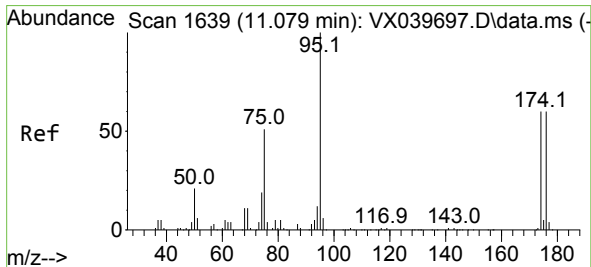
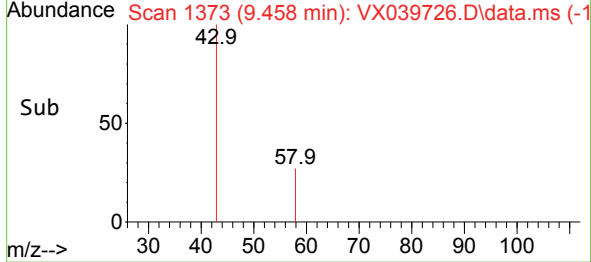
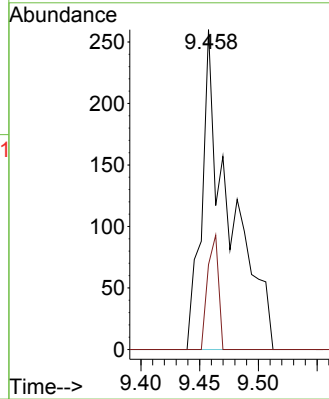
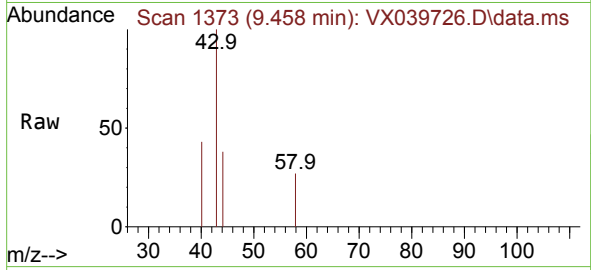




#59
2-Hexanone
Concen: 0.236 ug/l
RT: 9.458 min Scan# 11
Delta R.T. 0.030 min
Lab File: VX039726.D
Acq: 12 Jan 2024 10:56

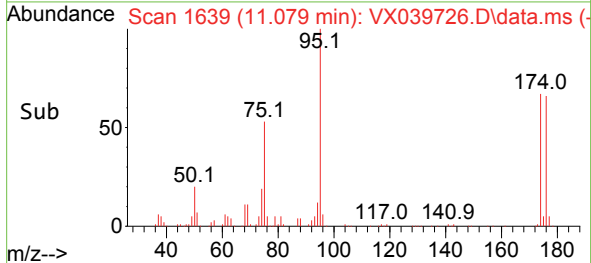
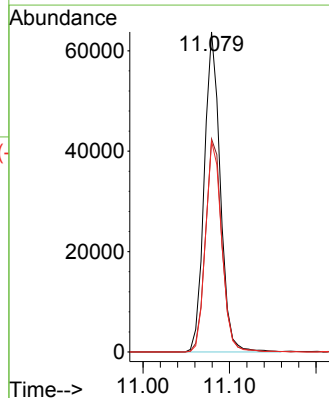
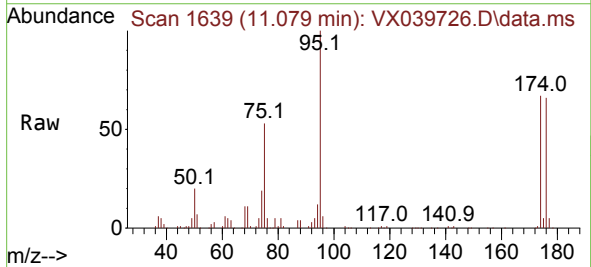
Instrument :
MSVOA_X
ClientSampleId :

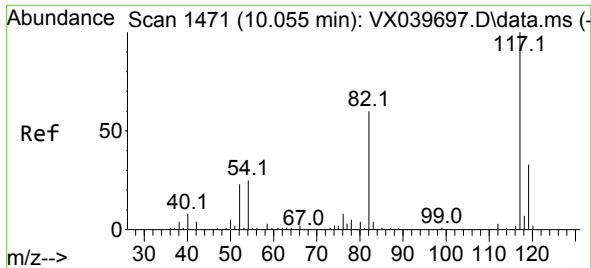
Tgt Ion: 43 Resp: 427
Ion Ratio Lower Upper
43 100
58 13.8 26.2 78.5#



#62
4-Bromofluorobenzene
Concen: 50.767 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039726.D
Acq: 12 Jan 2024 10:56

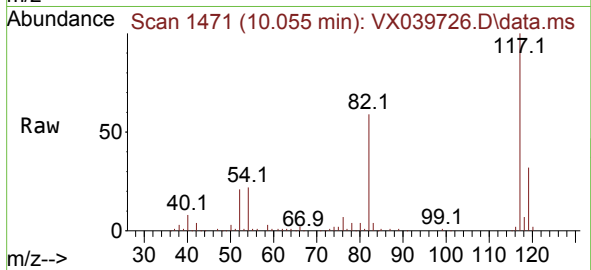
Tgt Ion: 95 Resp: 81699
Ion Ratio Lower Upper
95 100
174 68.5 0.0 135.6
176 66.8 0.0 131.0



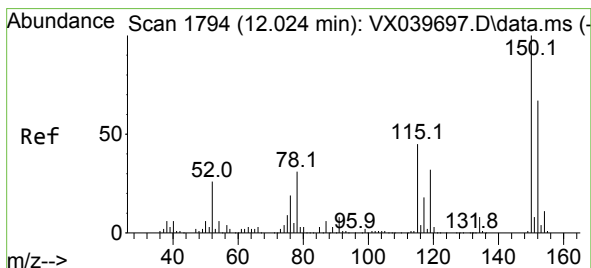
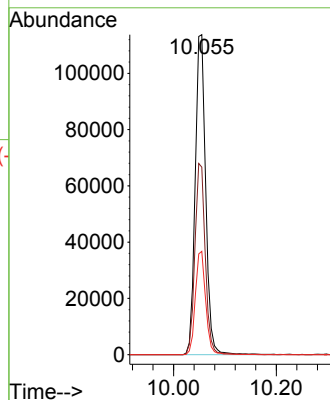
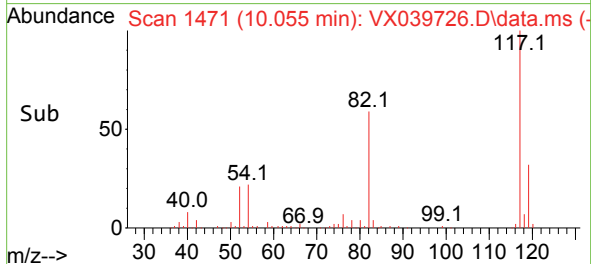


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039726.D
Acq: 12 Jan 2024 10:56

Instrument :
MSVOA_X
ClientSampleId :

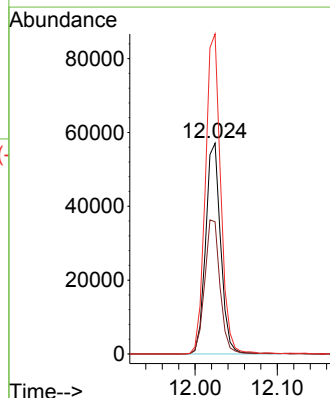
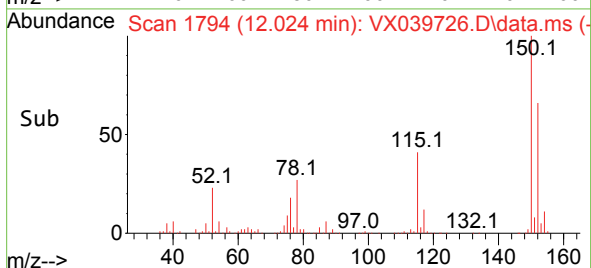
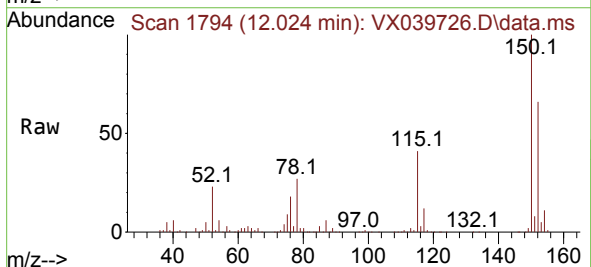


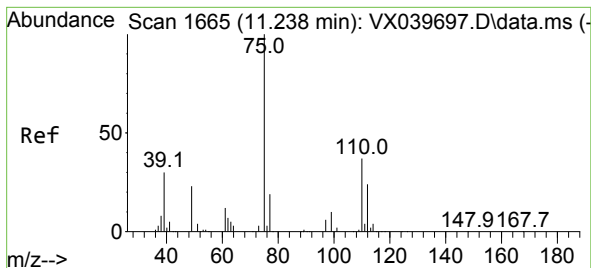
Tgt Ion:117 Resp: 161533
Ion Ratio Lower Upper
117 100
82 58.6 46.2 69.4
119 32.3 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX039726.D
Acq: 12 Jan 2024 10:56

Tgt Ion:152 Resp: 72450
Ion Ratio Lower Upper
152 100
115 64.5 43.3 129.9
150 154.8 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 22.950 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX039726.D

Acq: 12 Jan 2024 10:56

Instrument :

MSVOA_X

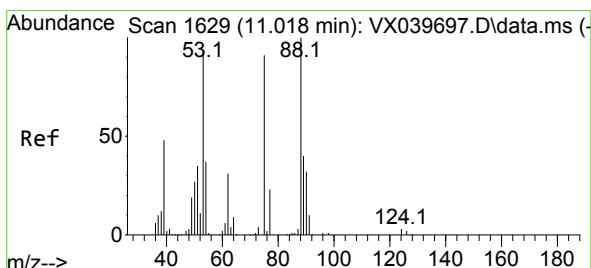
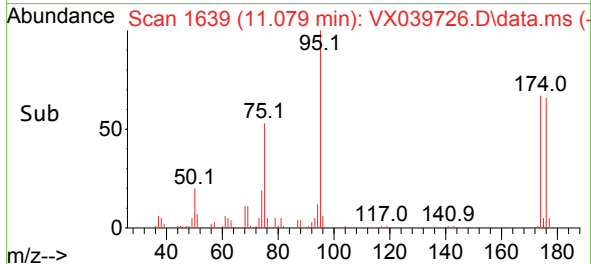
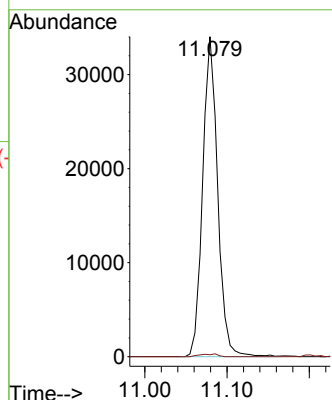
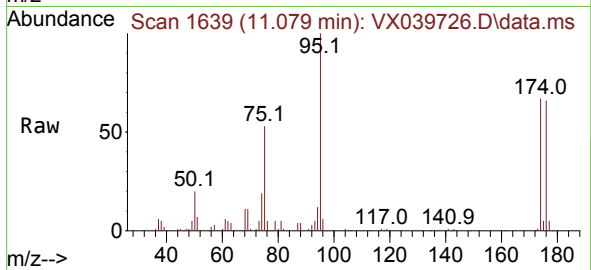
ClientSampleId :

Tgt Ion: 75 Resp: 43108

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 66.289 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039726.D

Acq: 12 Jan 2024 10:56

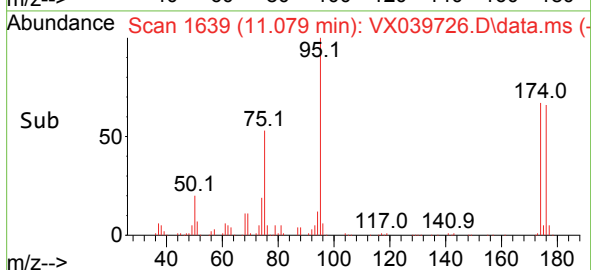
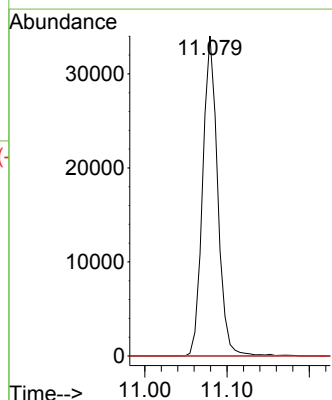
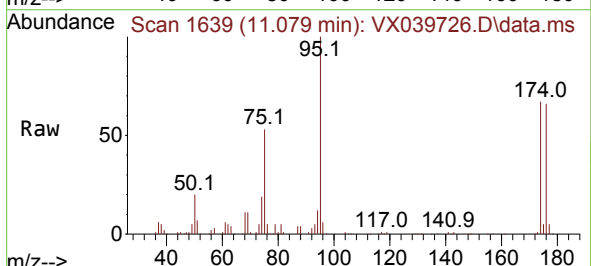
Tgt Ion: 75 Resp: 43108

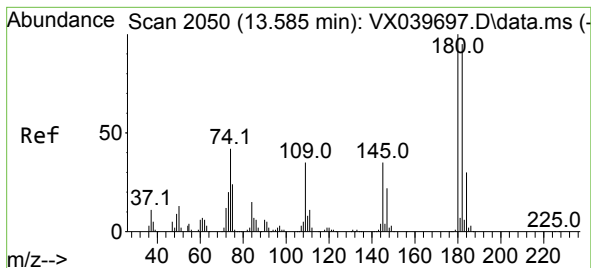
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.412 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX039726.D

Acq: 12 Jan 2024 10:56

Instrument :

MSVOA_X

ClientSampleId :

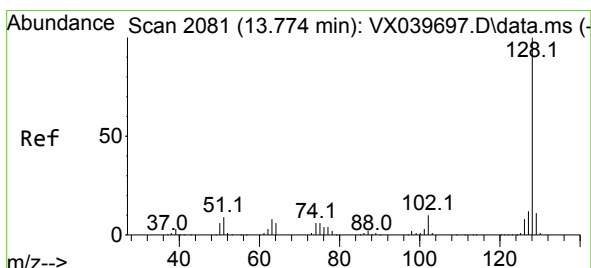
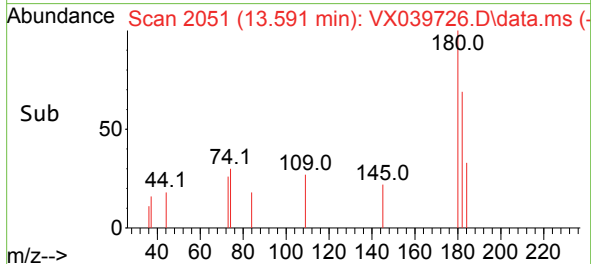
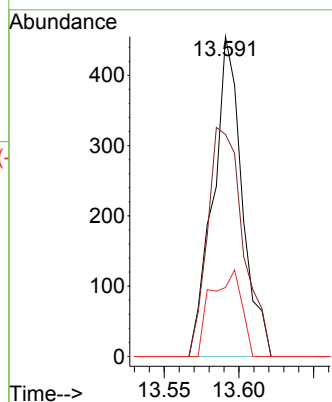
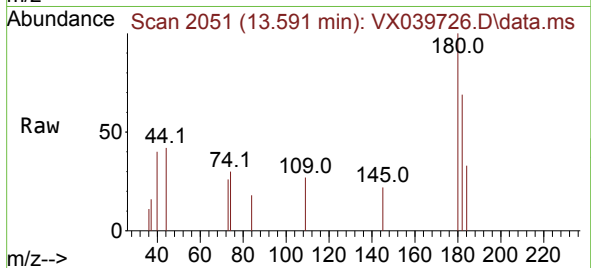
Tgt Ion:180 Resp: 613

Ion Ratio Lower Upper

180 100

182 87.8 48.3 144.8

145 28.2 18.0 54.0



#95

Naphthalene

Concen: 0.739 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX039726.D

Acq: 12 Jan 2024 10:56

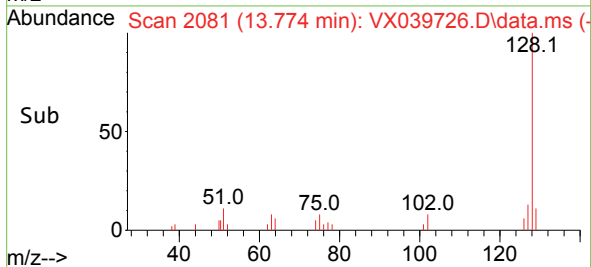
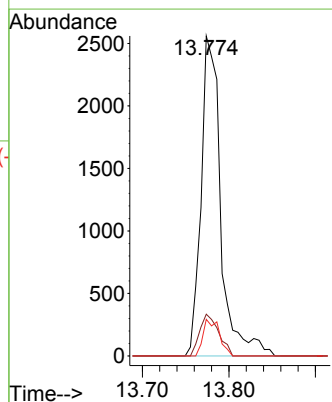
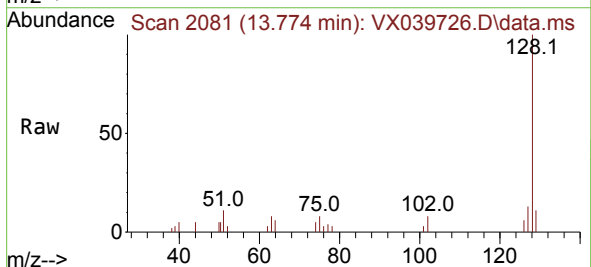
Tgt Ion:128 Resp: 4044

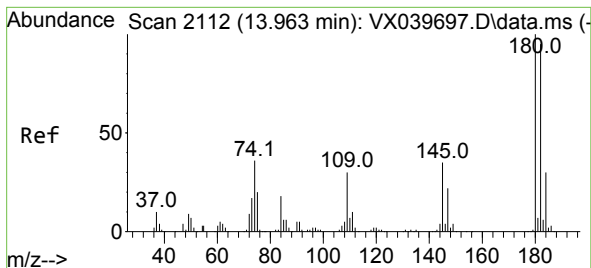
Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

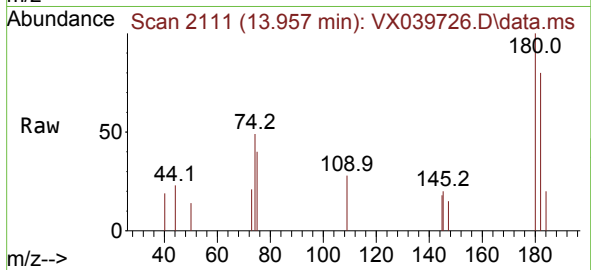
129 9.5 8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.463 ug/l
 RT: 13.957 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VX039726.D
 Acq: 12 Jan 2024 10:56

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion:	180	Resp:	695
Ion	Ratio	Lower	Upper
180	100		
182	107.1	46.9	140.6
145	31.2	17.8	53.5

