

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010824\
 Data File : VX039653.D
 Acq On : 08 Jan 2024 10:08
 Operator : JC/MD
 Sample : VX0108WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 09 04:30:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

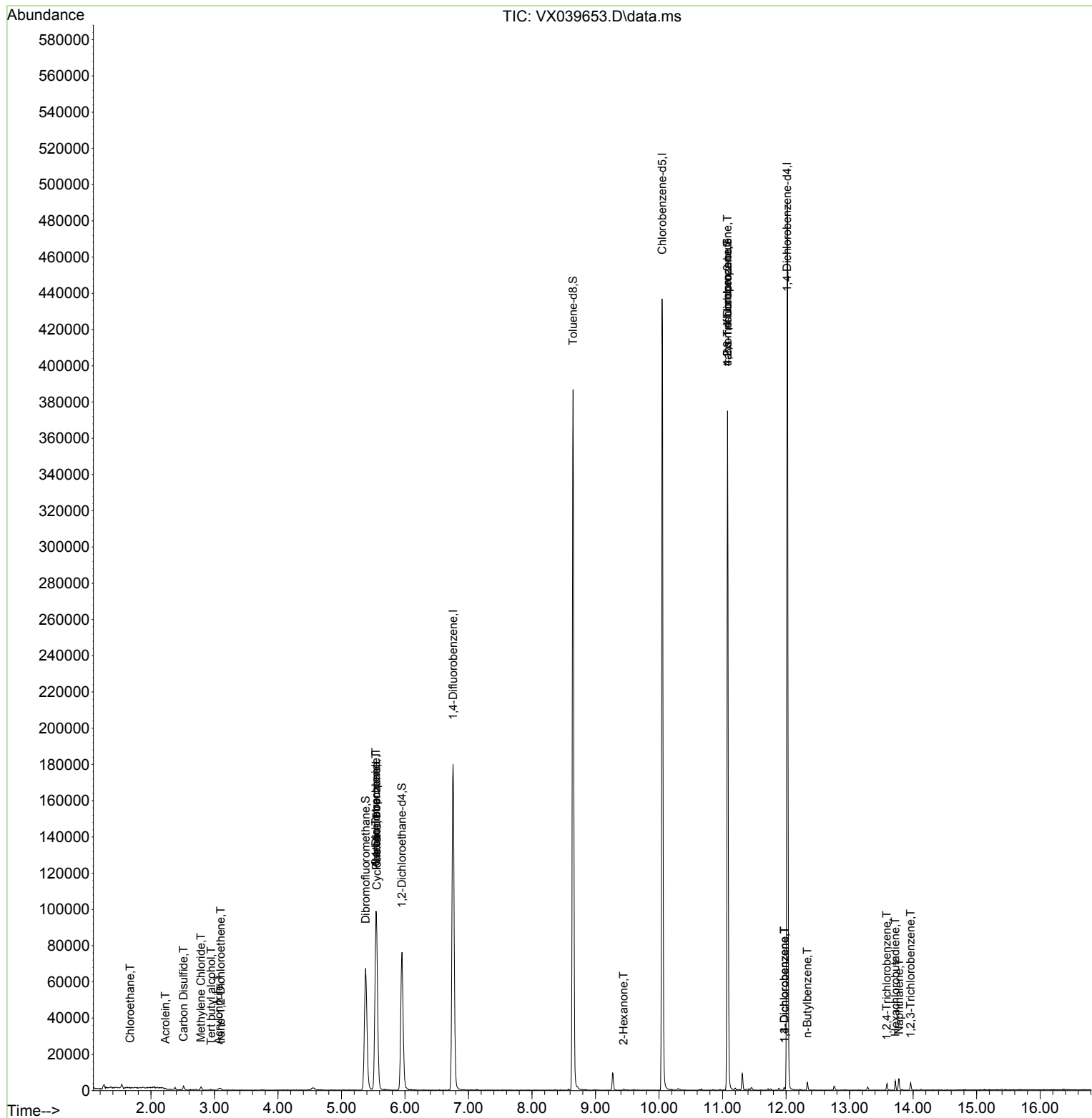
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	86131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	177827	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	186552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	92483	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72316	45.832	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.660%
35) Dibromofluoromethane	5.379	113	57101	46.480	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.960%
50) Toluene-d8	8.647	98	225942	49.539	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.080%
62) 4-Bromofluorobenzene	11.079	95	99718	52.991	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.980%
Target Compounds						
					Qvalue	
6) Chloroethane	1.672	64	185	0.246	ug/l #	43
11) Tert butyl alcohol	2.947	59	361	0.911	ug/l #	78
13) Acrolein	2.227	56	177	0.560	ug/l #	81
15) Acrylonitrile	3.069	53	742	0.936	ug/l	98
16) Acetone	2.380	43	1222	Below Cal	#	56
17) Carbon Disulfide	2.514	76	1855	0.572	ug/l	95
20) Methylene Chloride	2.788	84	711	0.541	ug/l #	89
21) trans-1,2-Dichloroethene	3.099	96	276	0.229	ug/l #	58
31) Cyclohexane	5.556	56	2477	1.215	ug/l #	11
36) 1,1-Dichloropropene	5.544	75	7993	4.123	ug/l #	50
38) Carbon Tetrachloride	5.544	117	9875	5.338	ug/l #	14
59) 2-Hexanone	9.439	43	576	0.269	ug/l	71
76) 1,2,3-Trichloropropane	11.079	75	55191	23.066	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	55191	65.070	ug/l #	5
87) 1,3-Dichlorobenzene	11.975	146	678	0.219	ug/l	90
88) 1,4-Dichlorobenzene	11.975	146	678	0.210	ug/l	91
89) n-Butylbenzene	12.335	91	1680	0.277	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	1002	0.516	ug/l	94
94) Hexachlorobutadiene	13.719	225	603	0.824	ug/l	91
95) Naphthalene	13.780	128	4596	0.680	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	1059	0.565	ug/l	89

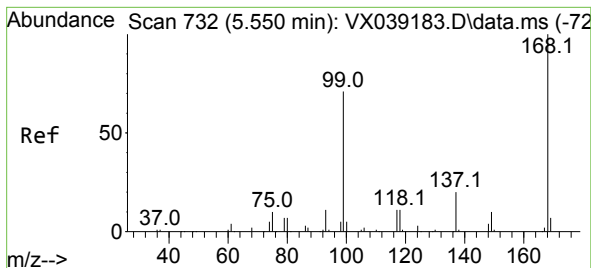
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010824\
Data File : VX039653.D
Acq On : 08 Jan 2024 10:08
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Sample : VX0108WBL01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jan 09 04:30:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

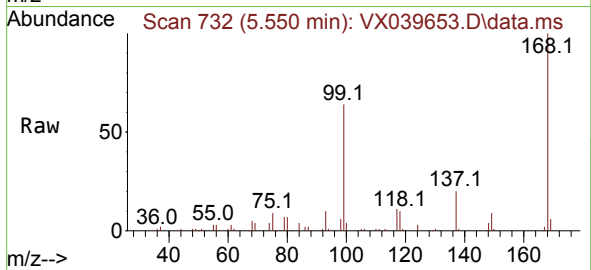
Lab File: VX039653.D

Acq: 08 Jan 2024 10:08

Instrument :

MSVOA_X

ClientSampleId :

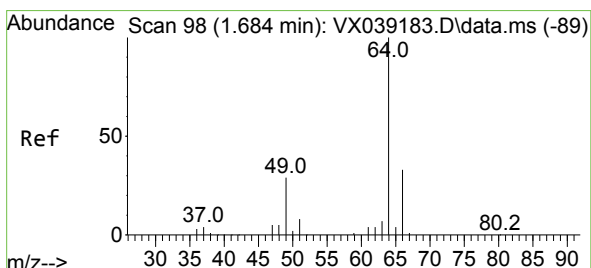
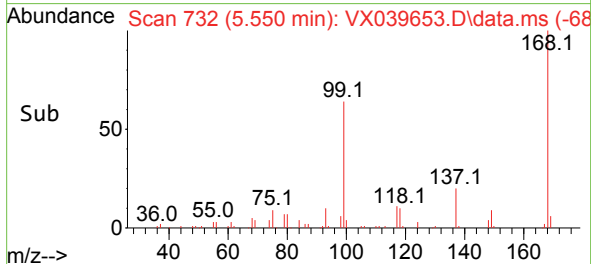
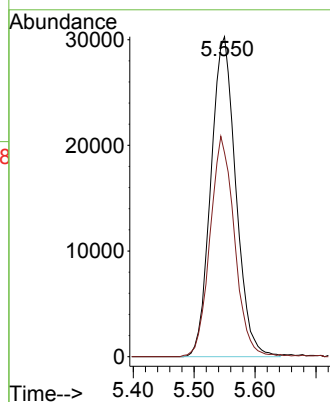


Tgt Ion:168 Resp: 86131

Ion Ratio Lower Upper

168 100

99 63.7 56.6 85.0



#6

Chloroethane

Concen: 0.246 ug/l

RT: 1.672 min Scan# 96

Delta R.T. -0.012 min

Lab File: VX039653.D

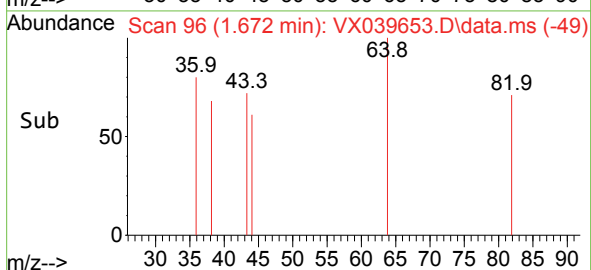
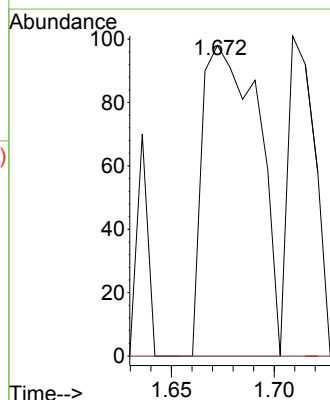
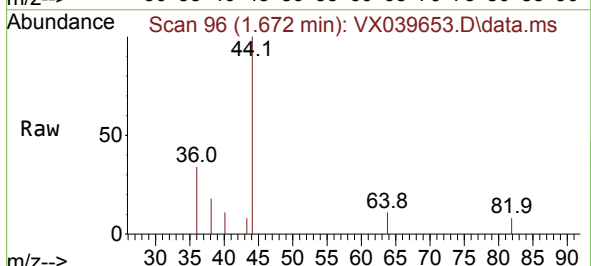
Acq: 08 Jan 2024 10:08

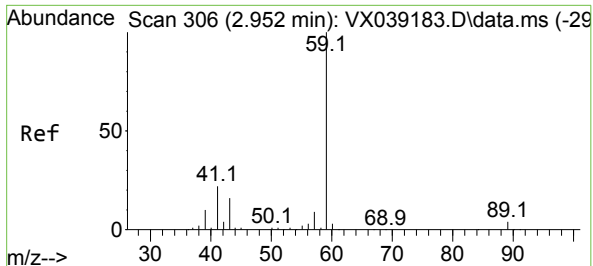
Tgt Ion: 64 Resp: 185

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#





#11

Tert butyl alcohol

Concen: 0.911 ug/l

RT: 2.947 min Scan# 306

Delta R.T. -0.006 min

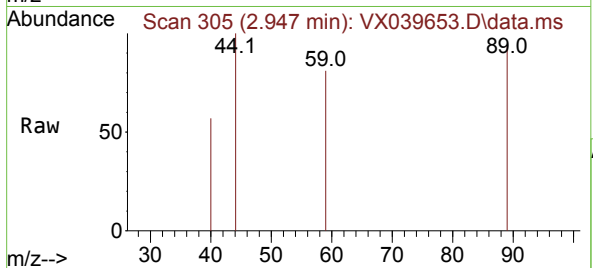
Lab File: VX039653.D

Acq: 08 Jan 2024 10:08

Instrument :

MSVOA_X

ClientSampleId :

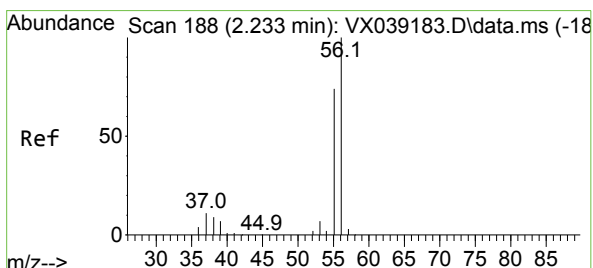
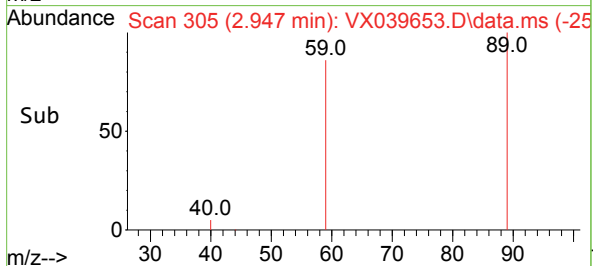
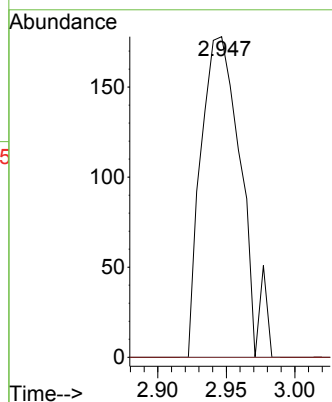


Tgt Ion: 59 Resp: 361

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#



#13

Acrolein

Concen: 0.560 ug/l

RT: 2.227 min Scan# 187

Delta R.T. -0.006 min

Lab File: VX039653.D

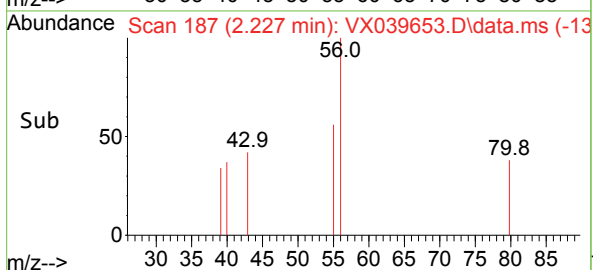
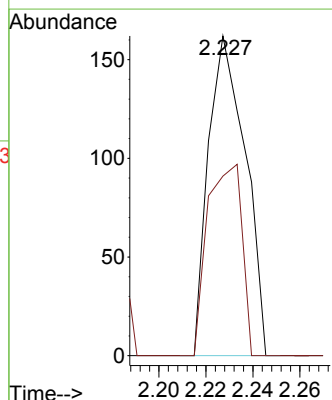
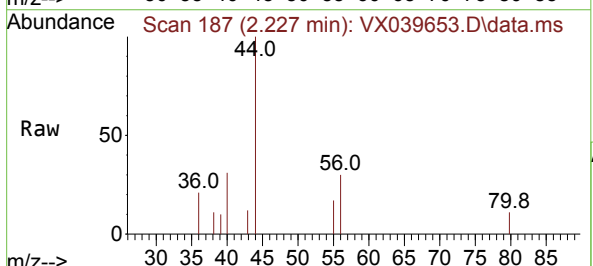
Acq: 08 Jan 2024 10:08

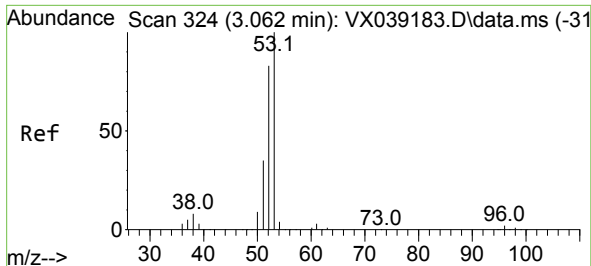
Tgt Ion: 56 Resp: 177

Ion Ratio Lower Upper

56 100

55 55.4 57.1 85.7#

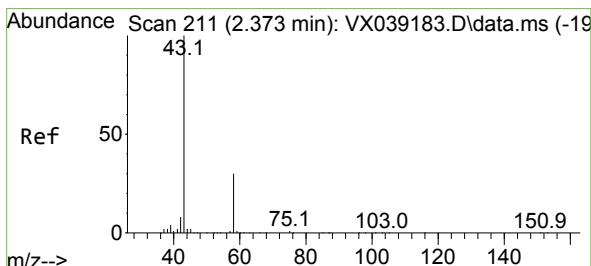
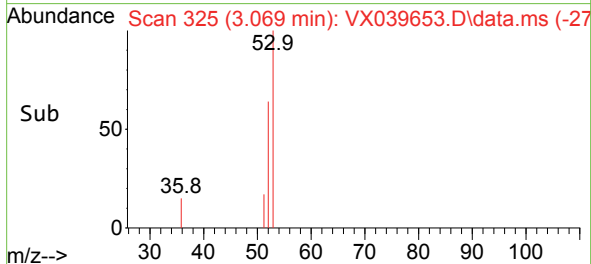
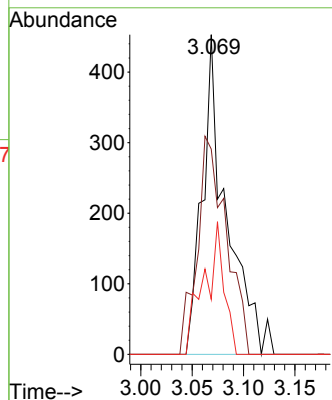
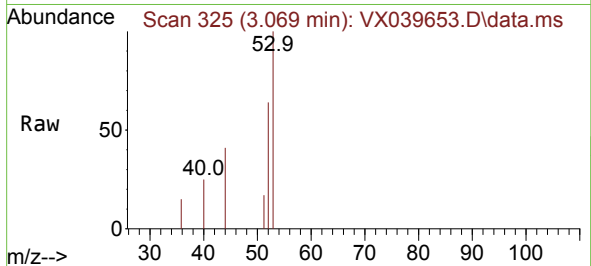




#15
Acrylonitrile
Concen: 0.936 ug/l
RT: 3.069 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX039653.D
Acq: 08 Jan 2024 10:08

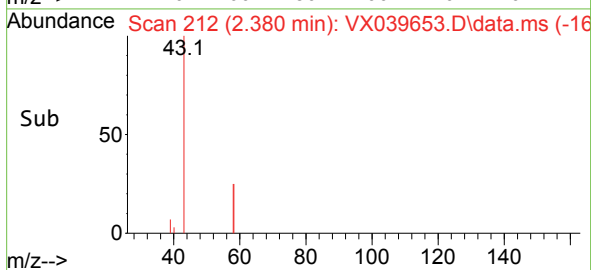
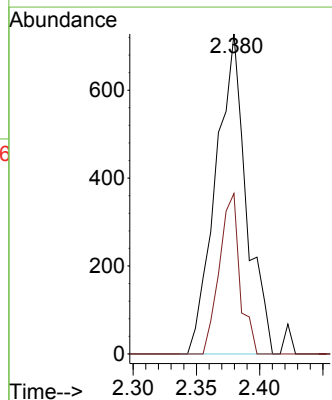
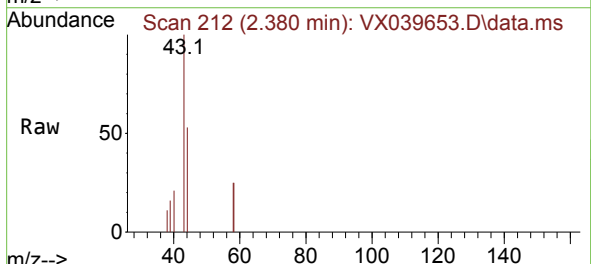
Instrument :
MSVOA_X
ClientSampleId :

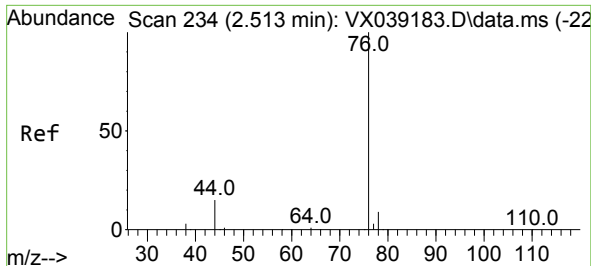
Tgt Ion: 53 Resp: 742
Ion Ratio Lower Upper
53 100
52 81.7 66.0 99.0
51 34.5 29.8 44.6



#16
Acetone
Concen: Below Cal
RT: 2.380 min Scan# 212
Delta R.T. 0.007 min
Lab File: VX039653.D
Acq: 08 Jan 2024 10:08

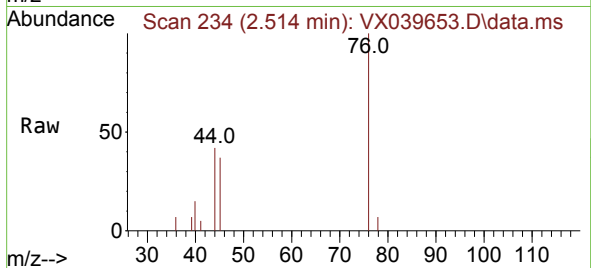
Tgt Ion: 43 Resp: 1222
Ion Ratio Lower Upper
43 100
58 50.1 21.9 32.9#



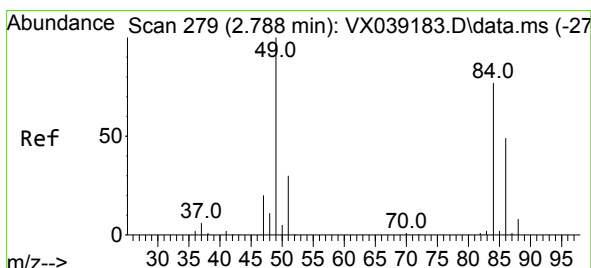
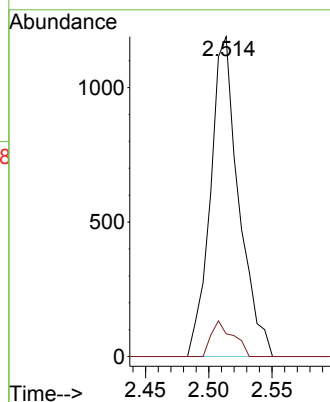
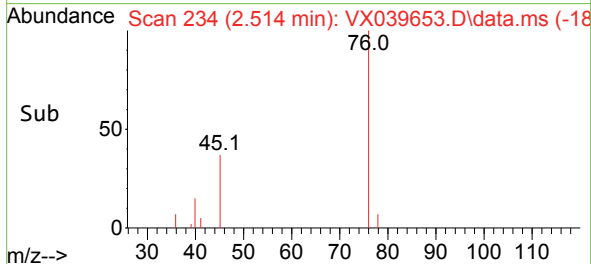


#17
Carbon Disulfide
Concen: 0.572 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX039653.D
Acq: 08 Jan 2024 10:08

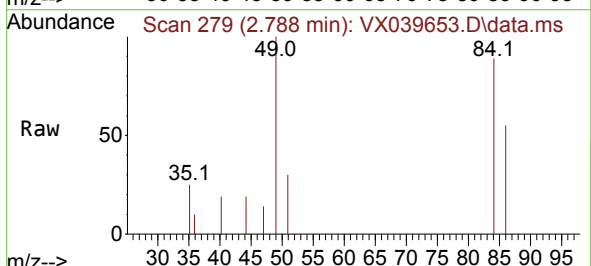
Instrument :
MSVOA_X
ClientSampleId :



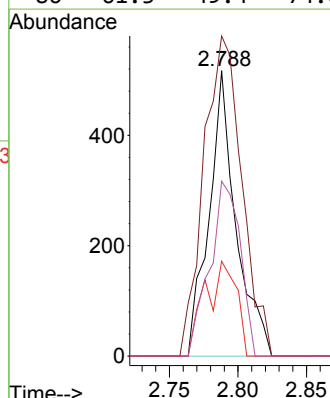
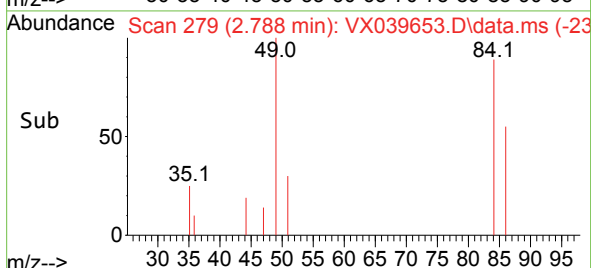
Tgt Ion: 76 Resp: 1855
Ion Ratio Lower Upper
76 100
78 7.1 7.0 10.6

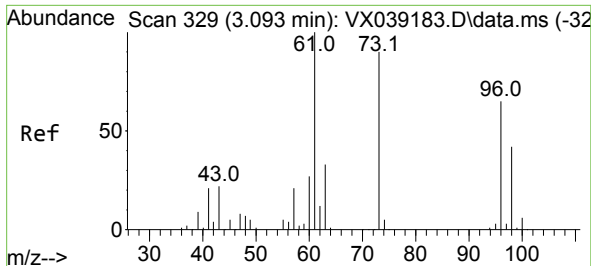


#20
Methylene Chloride
Concen: 0.541 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX039653.D
Acq: 08 Jan 2024 10:08



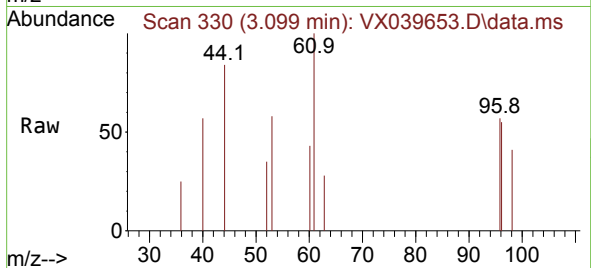
Tgt Ion: 84 Resp: 711
Ion Ratio Lower Upper
84 100
49 112.2 103.6 155.4
51 33.3 33.8 50.6#
86 61.3 49.4 74.0



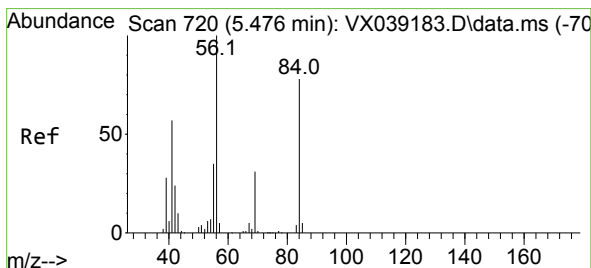
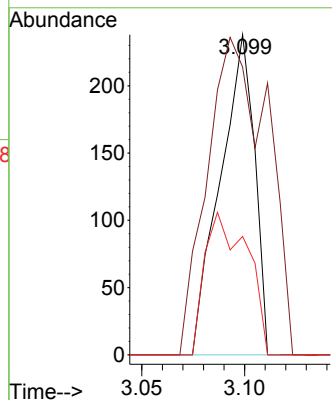
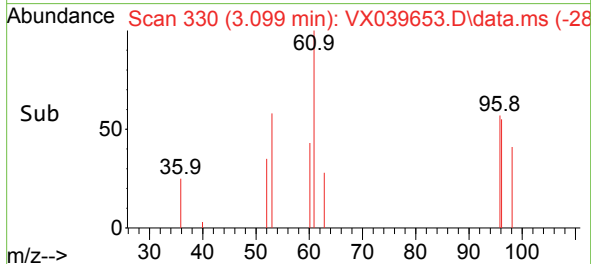


#21
trans-1,2-Dichloroethene
Concen: 0.229 ug/l
RT: 3.099 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX039653.D
Acq: 08 Jan 2024 10:08

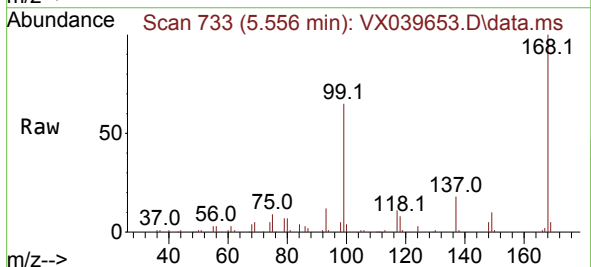
Instrument :
MSVOA_X
ClientSampleId :



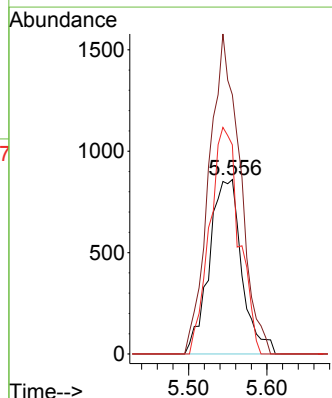
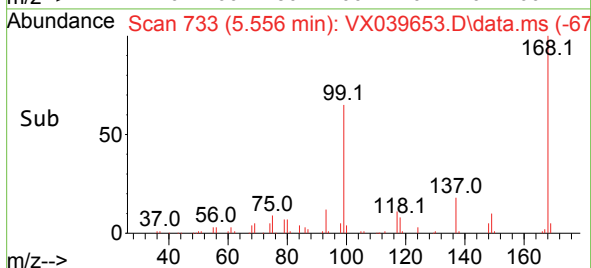
Tgt Ion: 96 Resp: 276
Ion Ratio Lower Upper
96 100
61 89.9 119.2 178.8#
98 37.0 48.7 73.1#

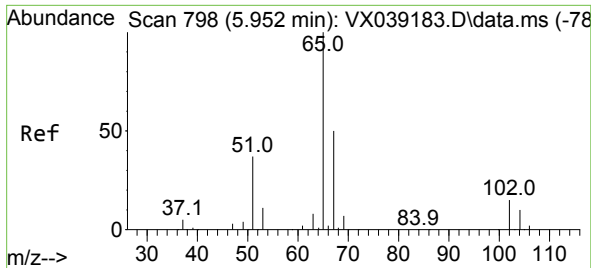


#31
Cyclohexane
Concen: 1.215 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.080 min
Lab File: VX039653.D
Acq: 08 Jan 2024 10:08



Tgt Ion: 56 Resp: 2477
Ion Ratio Lower Upper
56 100
69 148.6 23.4 35.2#
84 119.9 65.9 98.9#

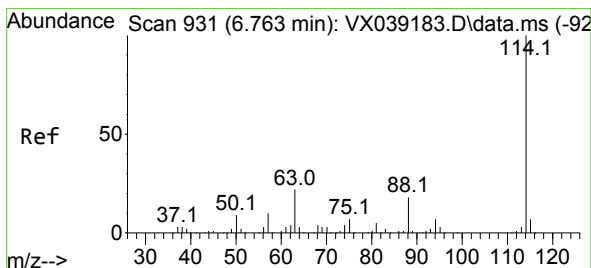
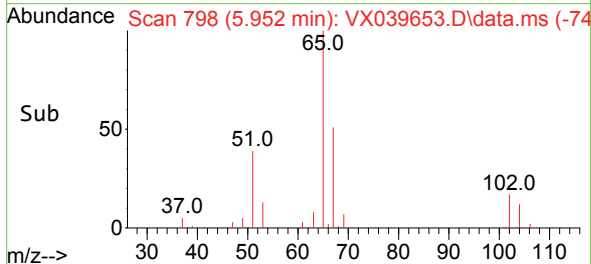
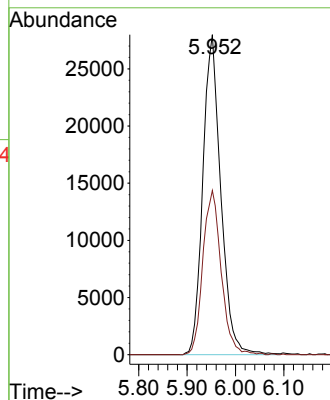
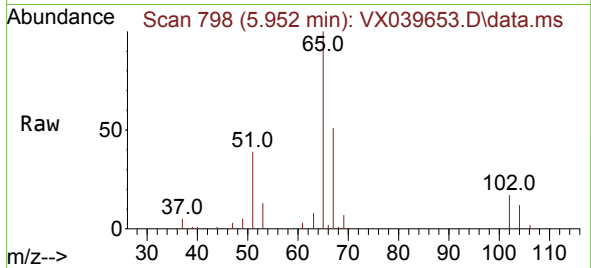




#33
 1,2-Dichloroethane-d4
 Concen: 45.832 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX039653.D
 Acq: 08 Jan 2024 10:08

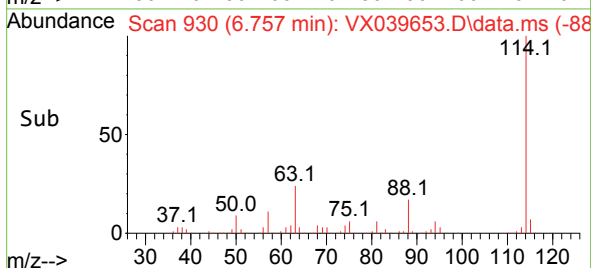
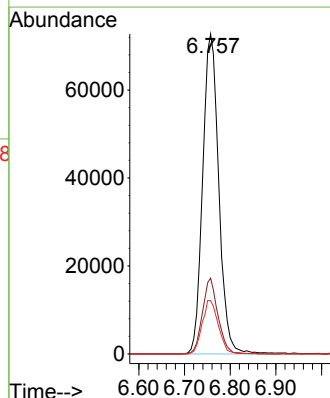
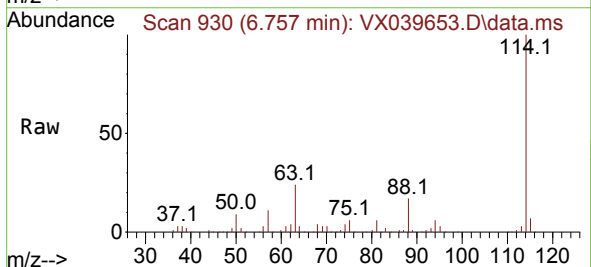
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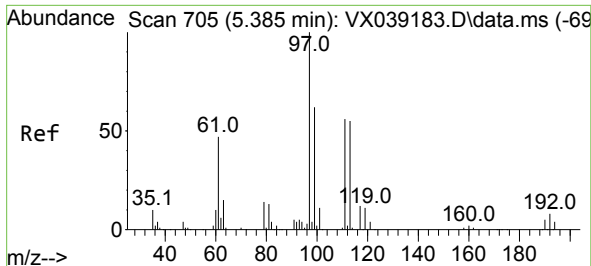
Tgt Ion: 65 Resp: 72316
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX039653.D
 Acq: 08 Jan 2024 10:08

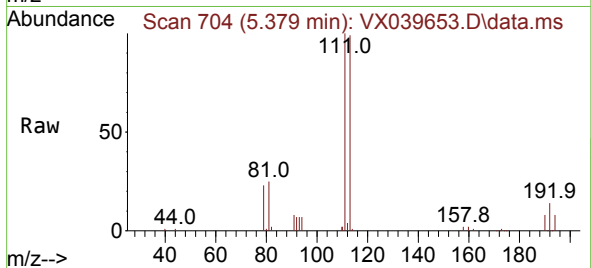
Tgt Ion: 114 Resp: 177827
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 45.0
 88 16.7 0.0 36.6



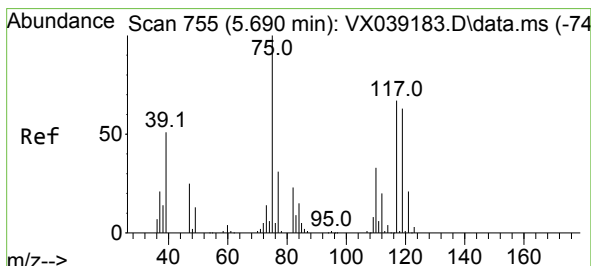
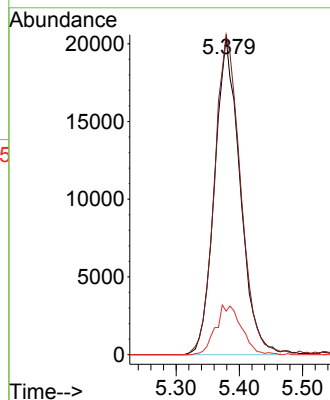
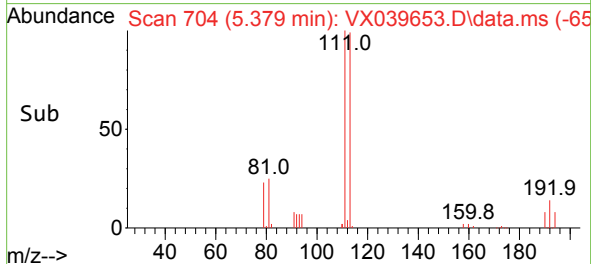


#35
Dibromofluoromethane
Concen: 46.480 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX039653.D
Acq: 08 Jan 2024 10:08

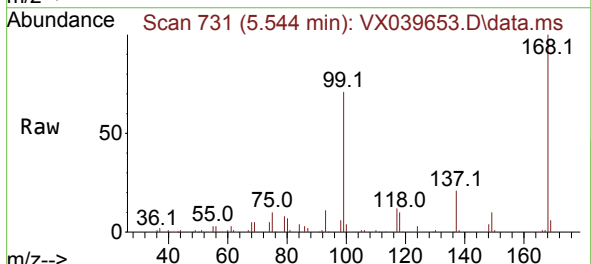
Instrument :
MSVOA_X
ClientSampleId :



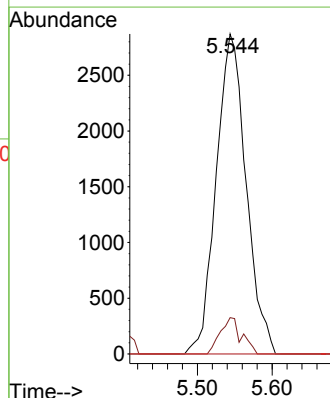
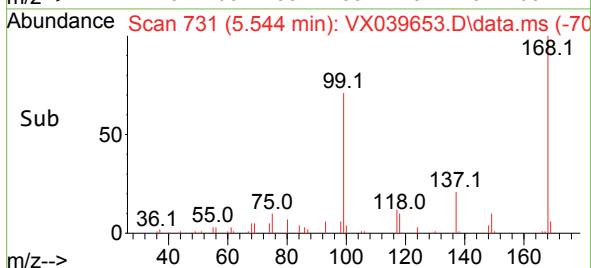
Tgt Ion:113 Resp: 57101
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 15.9 13.3 19.9

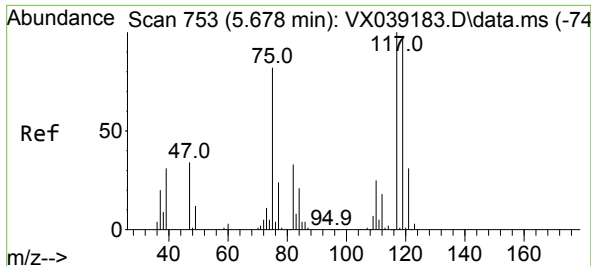


#36
1,1-Dichloropropene
Concen: 4.123 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX039653.D
Acq: 08 Jan 2024 10:08



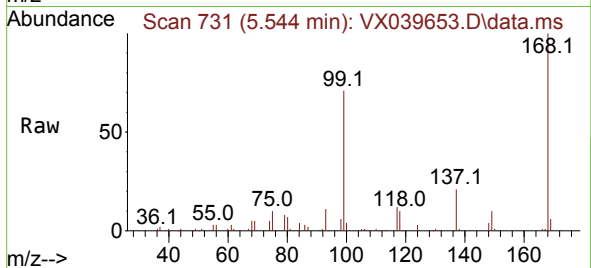
Tgt Ion: 75 Resp: 7993
Ion Ratio Lower Upper
75 100
110 8.1 17.0 50.9#
77 0.0 24.7 37.1#



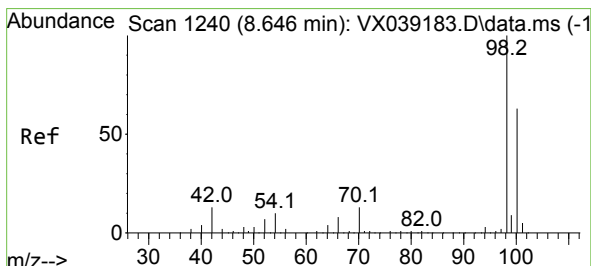
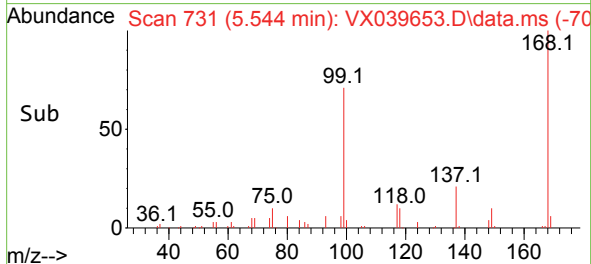
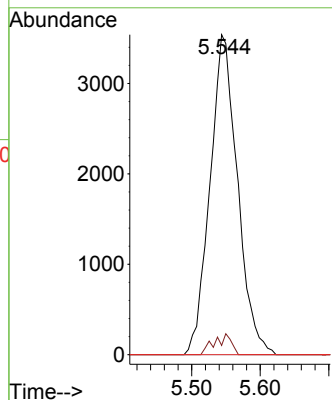


#38
Carbon Tetrachloride
Concen: 5.338 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX039653.D
Acq: 08 Jan 2024 10:08

Instrument :
MSVOA_X
ClientSampleId :

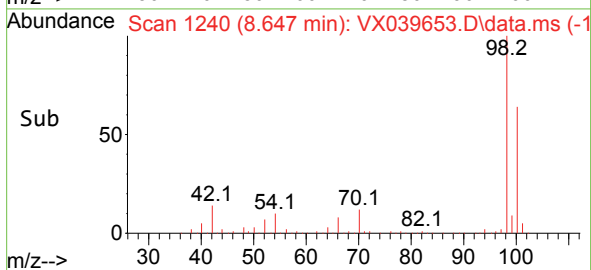
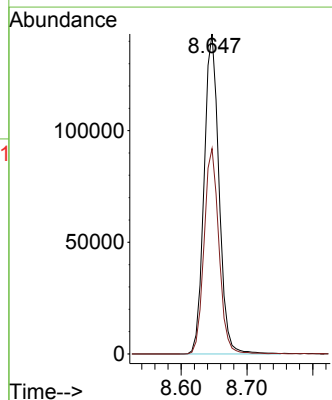
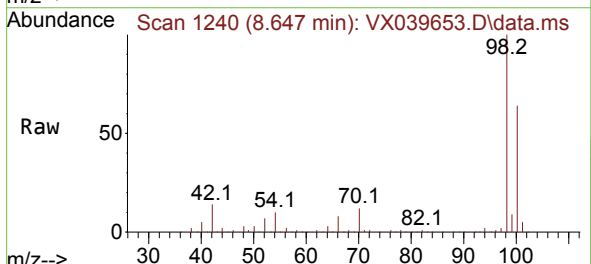


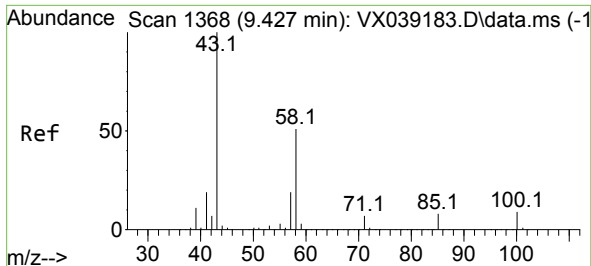
Tgt Ion:117 Resp: 9875
Ion Ratio Lower Upper
117 100
119 2.9 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.539 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039653.D
Acq: 08 Jan 2024 10:08

Tgt Ion: 98 Resp: 225942
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7

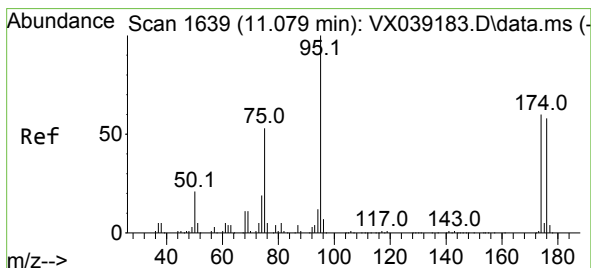
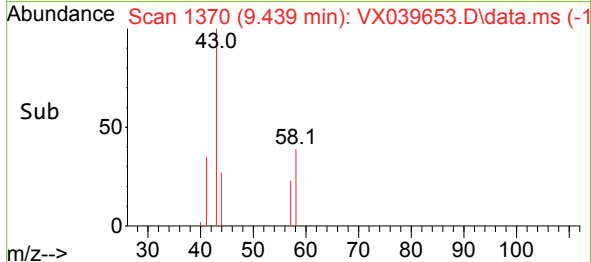
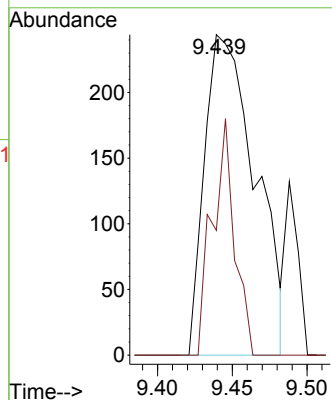
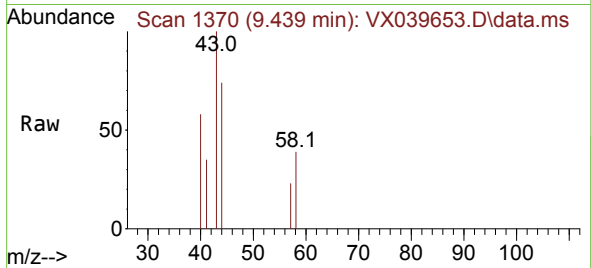




#59
2-Hexanone
Concen: 0.269 ug/l
RT: 9.439 min Scan# 11
Delta R.T. 0.012 min
Lab File: VX039653.D
Acq: 08 Jan 2024 10:08

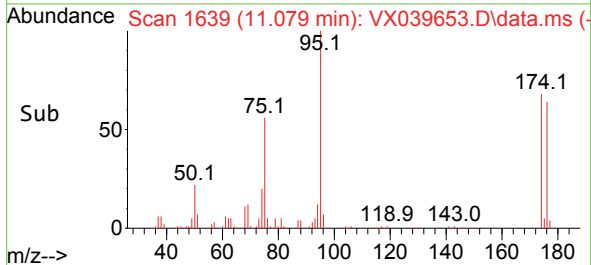
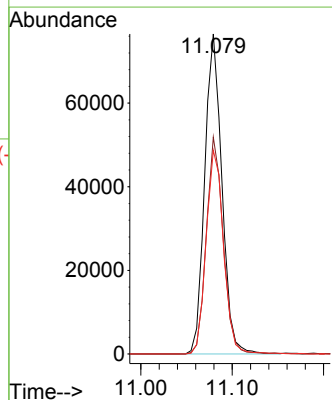
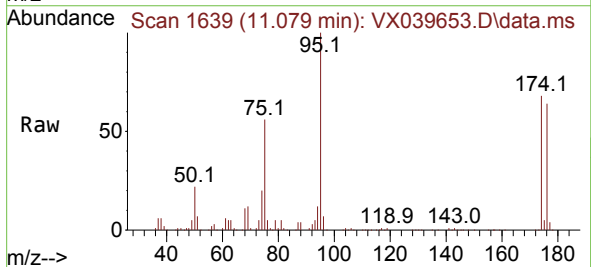
Instrument :
MSVOA_X
ClientSampleId :

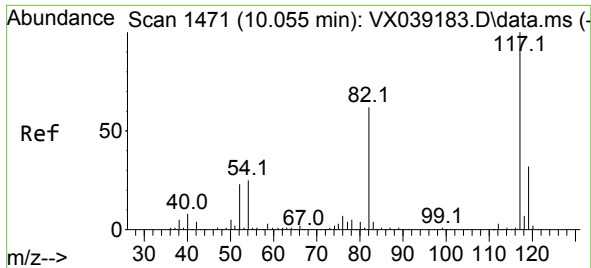
Tgt Ion: 43 Resp: 576
Ion Ratio Lower Upper
43 100
58 32.1 26.2 78.5



#62
4-Bromofluorobenzene
Concen: 52.991 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039653.D
Acq: 08 Jan 2024 10:08

Tgt Ion: 95 Resp: 99718
Ion Ratio Lower Upper
95 100
174 66.3 0.0 135.6
176 64.6 0.0 131.0

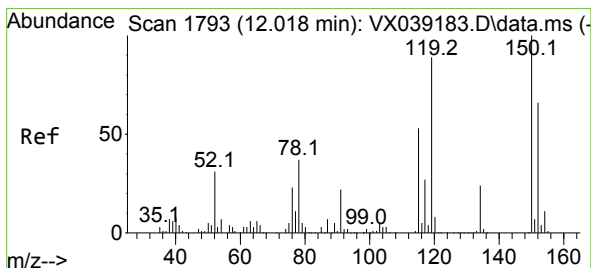
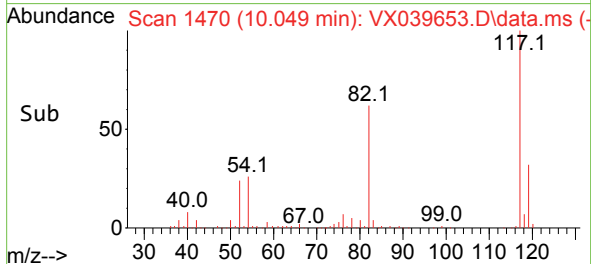
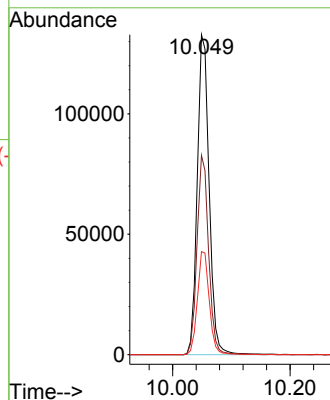
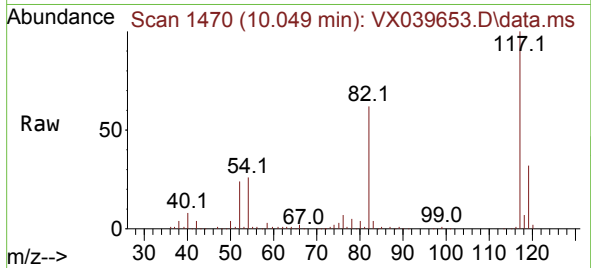




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX039653.D
Acq: 08 Jan 2024 10:08

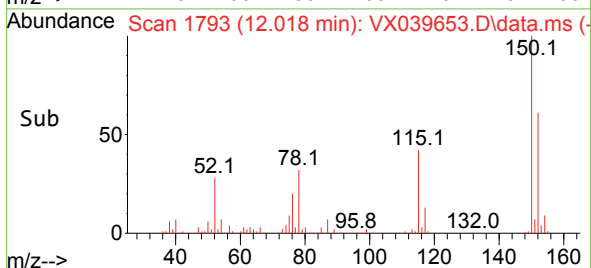
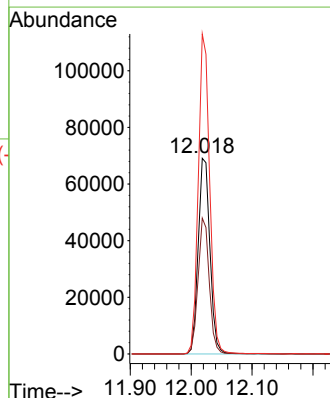
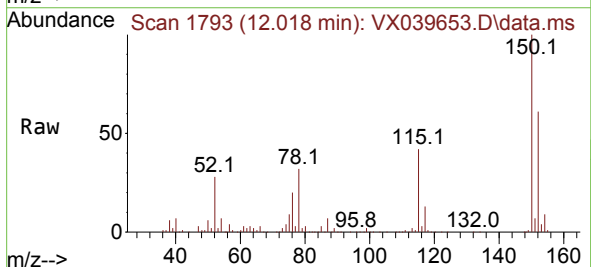
Instrument :
MSVOA_X
ClientSampleId :

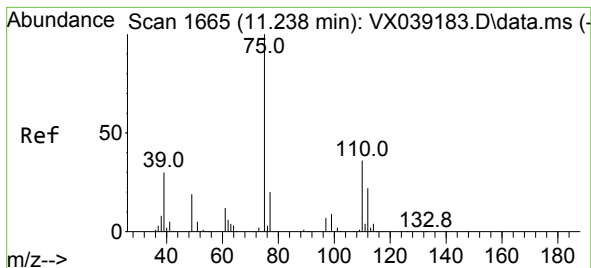
Tgt Ion:117 Resp: 186552
Ion Ratio Lower Upper
117 100
82 62.3 46.2 69.4
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX039653.D
Acq: 08 Jan 2024 10:08

Tgt Ion:152 Resp: 92483
Ion Ratio Lower Upper
152 100
115 66.4 43.3 129.9
150 158.3 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 23.066 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039653.D

Acq: 08 Jan 2024 10:08

Instrument :

MSVOA_X

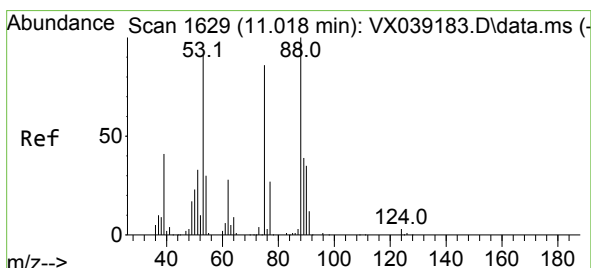
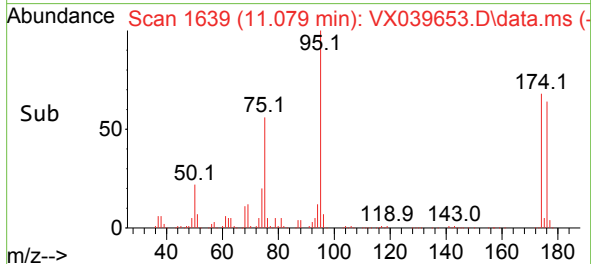
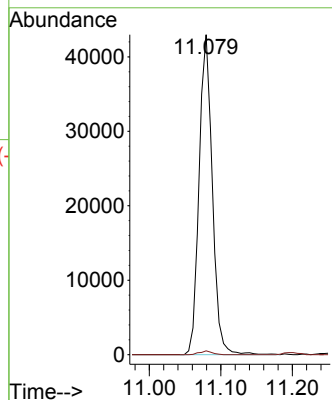
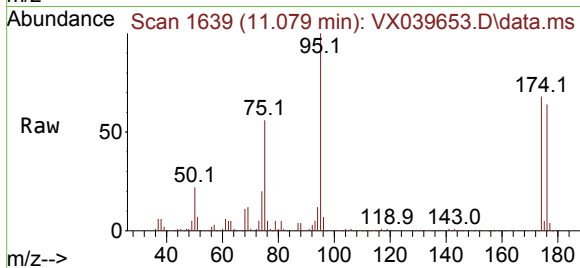
ClientSampleId :

Tgt Ion: 75 Resp: 55191

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 65.070 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039653.D

Acq: 08 Jan 2024 10:08

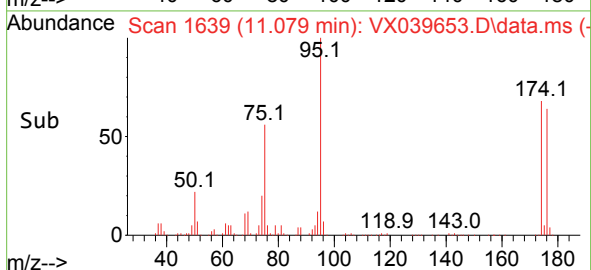
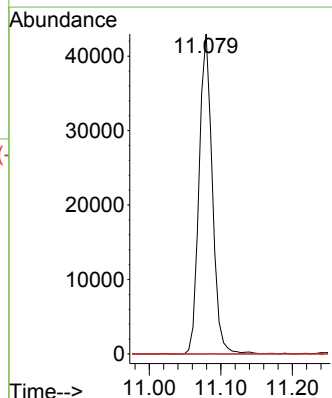
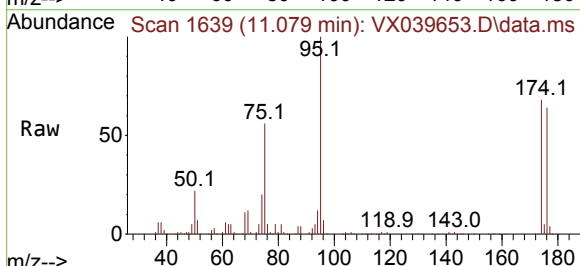
Tgt Ion: 75 Resp: 55191

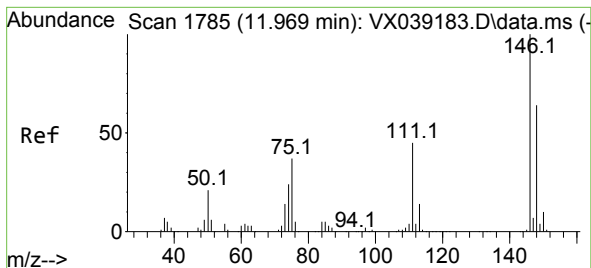
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#87

1,3-Dichlorobenzene

Concen: 0.219 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX039653.D

Acq: 08 Jan 2024 10:08

Instrument :

MSVOA_X

ClientSampleId :

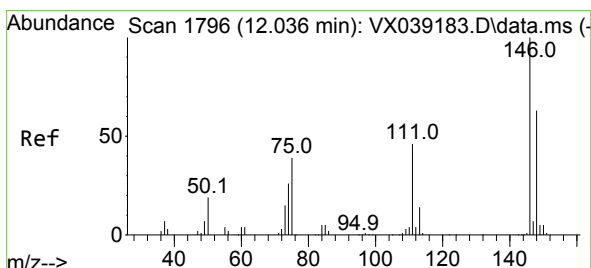
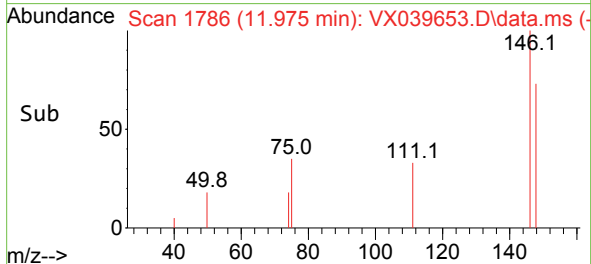
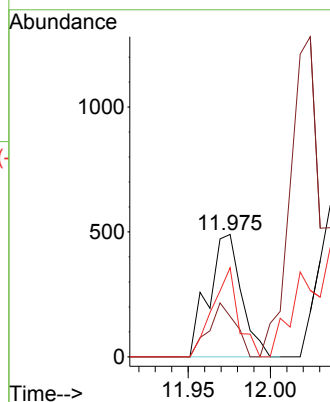
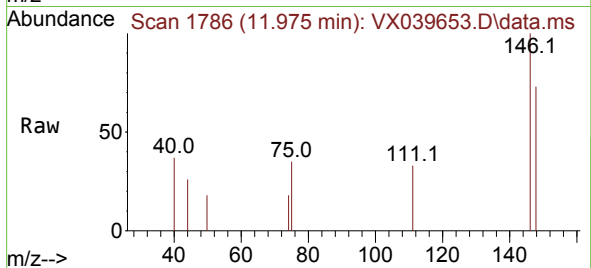
Tgt Ion:146 Resp: 678

Ion Ratio Lower Upper

146 100

111 36.0 22.1 66.1

148 56.9 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.210 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. -0.061 min

Lab File: VX039653.D

Acq: 08 Jan 2024 10:08

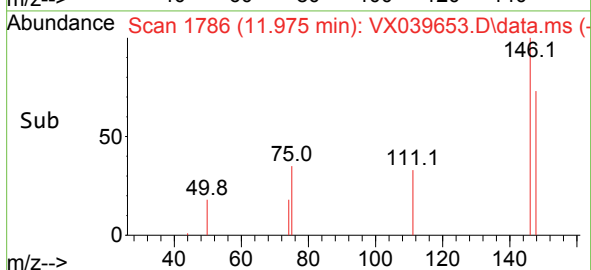
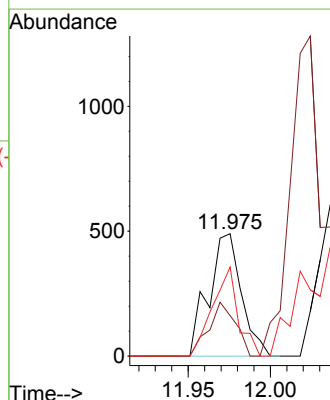
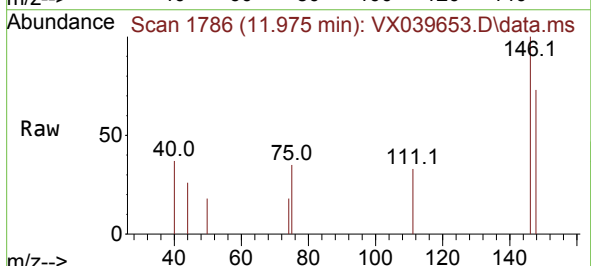
Tgt Ion:146 Resp: 678

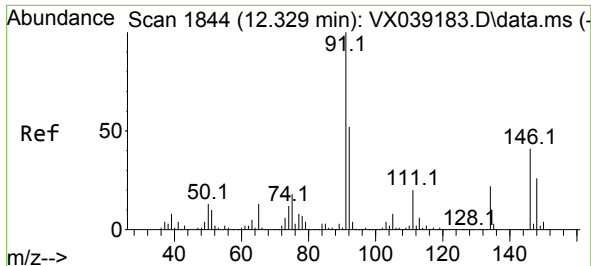
Ion Ratio Lower Upper

146 100

111 36.0 21.3 63.7

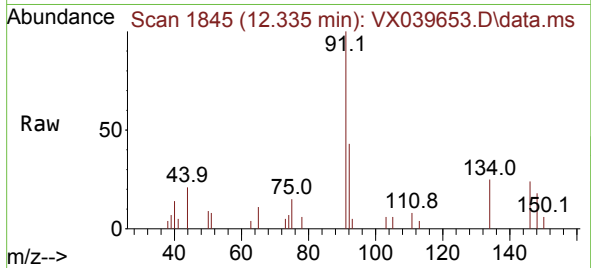
148 56.9 31.8 95.4



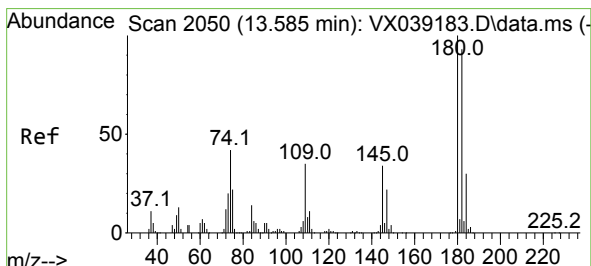
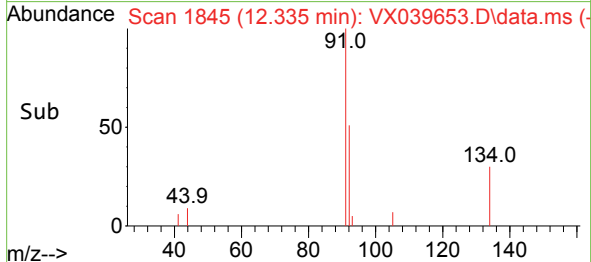
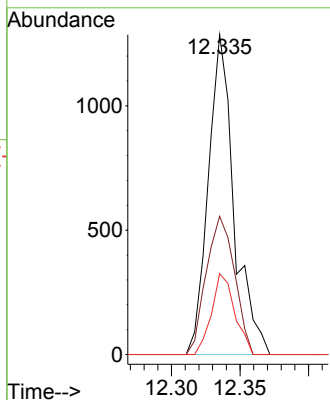


#89
n-Butylbenzene
Concen: 0.277 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX039653.D
Acq: 08 Jan 2024 10:08

Instrument :
MSVOA_X
ClientSampleId :

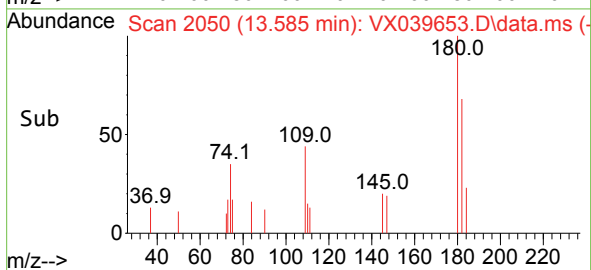
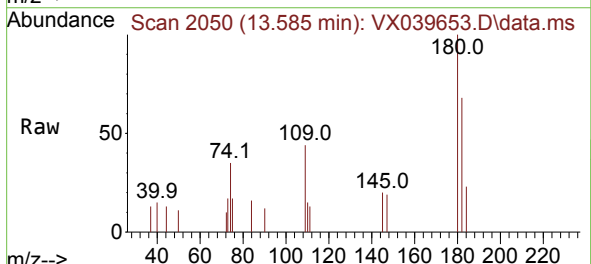
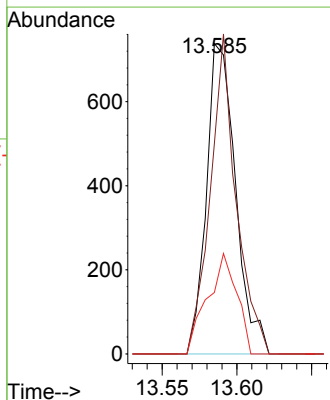


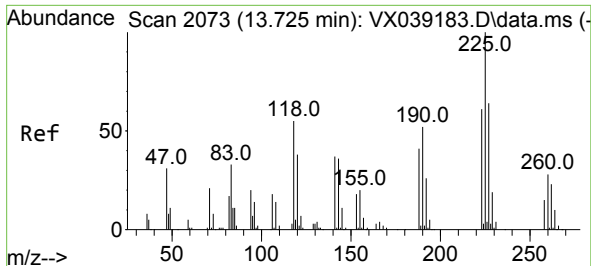
Tgt Ion: 91	Resp:	1680
Ion	Ratio	Lower Upper
91	100	
92	47.4	27.4 82.0
134	22.8	12.6 37.8



#93
1,2,4-Trichlorobenzene
Concen: 0.516 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. 0.000 min
Lab File: VX039653.D
Acq: 08 Jan 2024 10:08

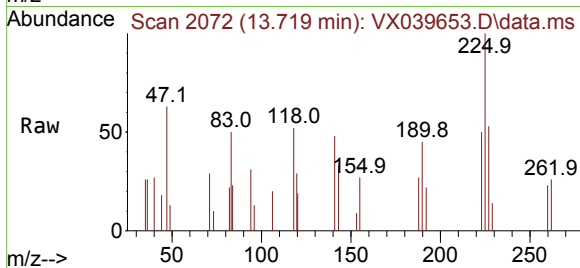
Tgt Ion: 180	Resp:	1002
Ion	Ratio	Lower Upper
180	100	
182	91.0	48.3 144.8
145	32.2	18.0 54.0



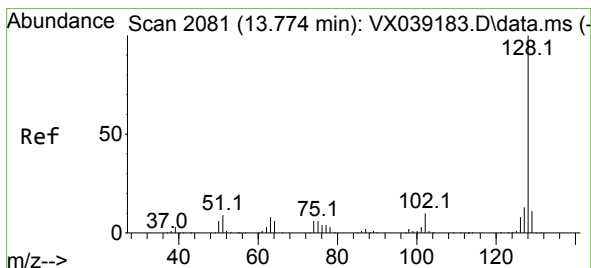
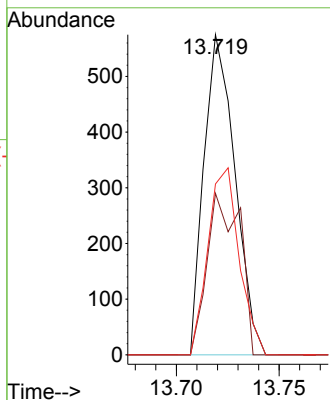
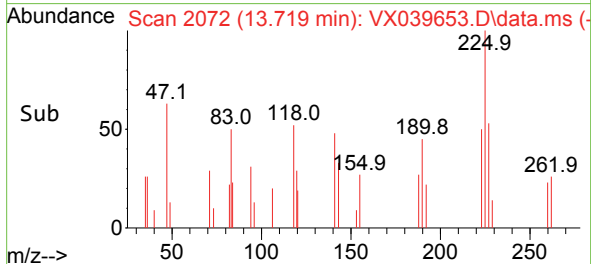


#94
Hexachlorobutadiene
Concen: 0.824 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX039653.D
Acq: 08 Jan 2024 10:08

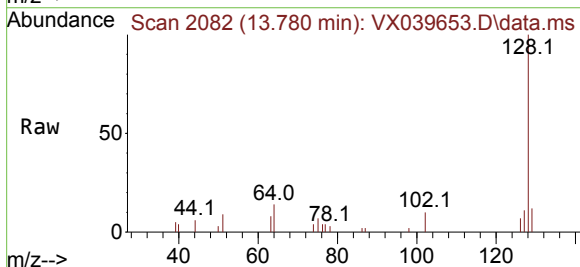
Instrument :
MSVOA_X
ClientSampleId :



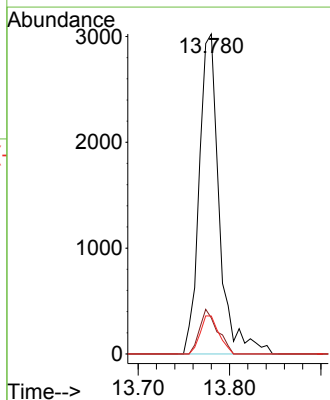
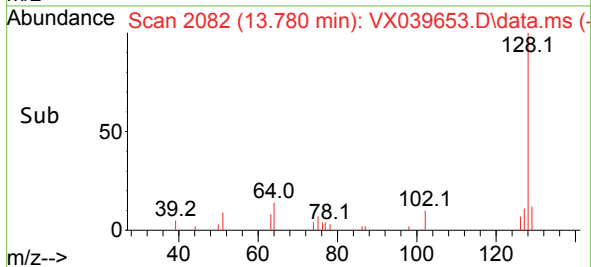
Tgt Ion:225 Resp: 603
Ion Ratio Lower Upper
225 100
223 53.6 31.1 93.2
227 58.9 32.5 97.5

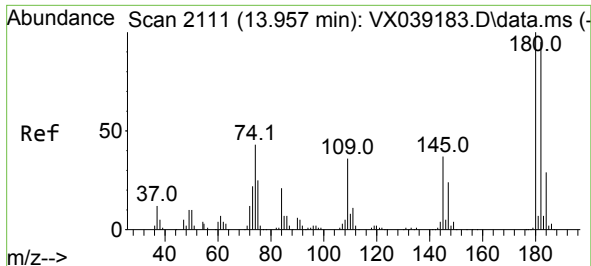


#95
Naphthalene
Concen: 0.680 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX039653.D
Acq: 08 Jan 2024 10:08



Tgt Ion:128 Resp: 4596
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 11.1 8.8 13.2





#96

1,2,3-Trichlorobenzene

Concen: 0.565 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

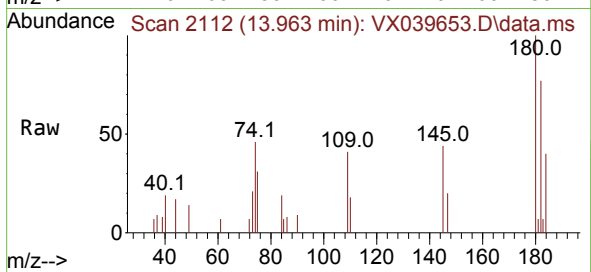
Lab File: VX039653.D

Acq: 08 Jan 2024 10:08

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 1059

Ion Ratio Lower Upper

180 100

182 81.3 46.9 140.6

145 39.7 17.8 53.5

