

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010824\
 Data File : VX039654.D
 Acq On : 08 Jan 2024 10:30
 Operator : JC/MD
 Sample : VX0108MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 09 04:30:26 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)

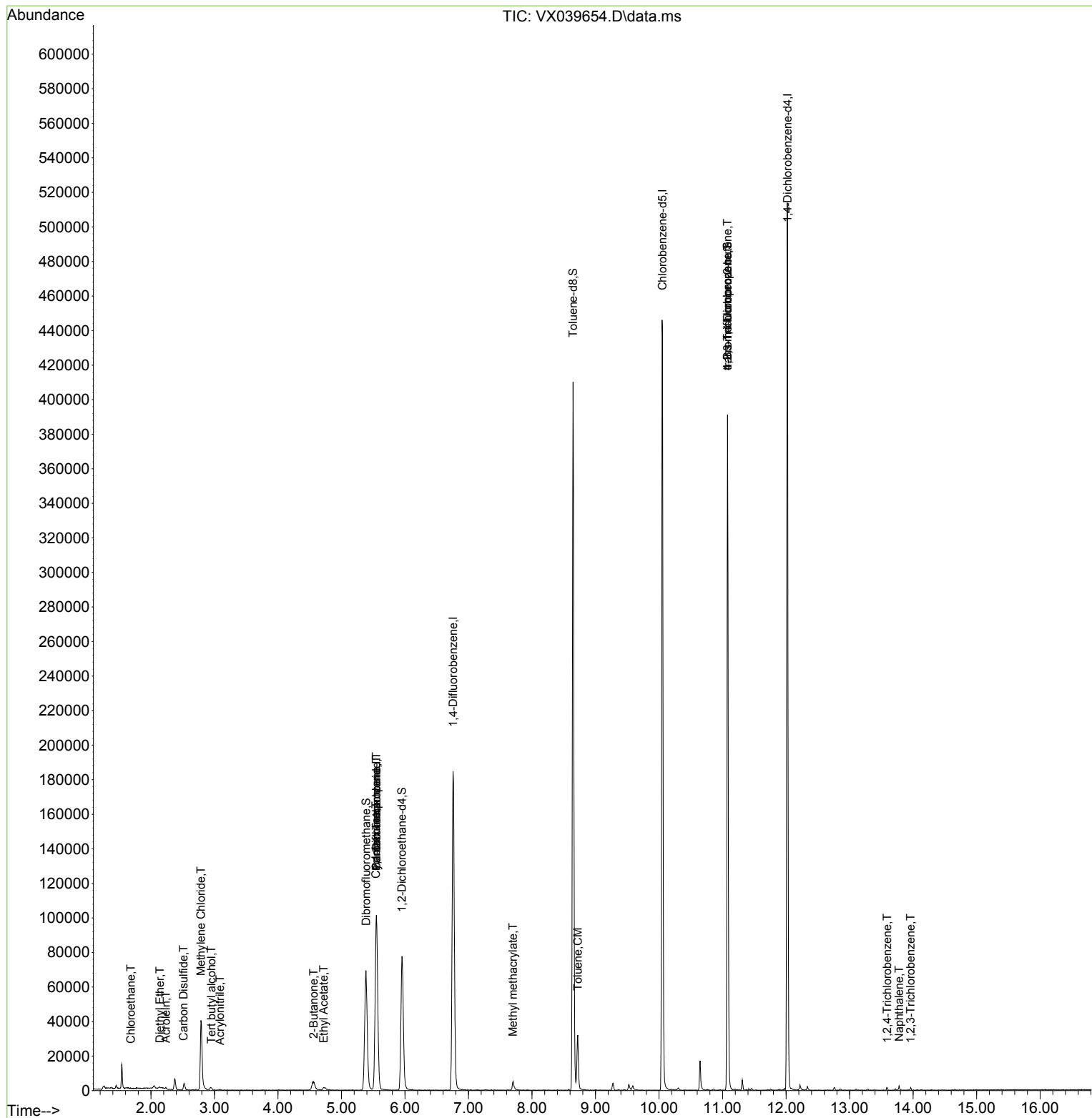
Internal Standards						
1) Pentafluorobenzene	5.550	168	89121	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	181425	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	195253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	96781	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75660	46.342	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.680%
35) Dibromofluoromethane	5.385	113	58716	46.847	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.700%
50) Toluene-d8	8.647	98	232390	49.942	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.880%
62) 4-Bromofluorobenzene	11.079	95	105304	54.849	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.700%
Target Compounds						
					Qvalue	
6) Chloroethane	1.685	64	186	0.239	ug/l #	43
8) Diethyl Ether	2.142	74	230	0.351	ug/l #	48
11) Tert butyl alcohol	2.953	59	1500	3.659	ug/l #	78
13) Acrolein	2.233	56	145	0.443	ug/l #	1
15) Acrylonitrile	3.087	53	200	0.244	ug/l #	17
16) Acetone	2.374	43	6770	Below Cal	#	85
17) Carbon Disulfide	2.514	76	837	0.250	ug/l #	76
20) Methylene Chloride	2.788	84	19193	14.102	ug/l	95
25) 2-Butanone	4.562	43	286	0.203	ug/l #	51
31) Cyclohexane	5.544	56	2766	1.312	ug/l #	2
36) 1,1-Dichloropropene	5.550	75	8567	4.331	ug/l #	50
37) Ethyl Acetate	4.721	43	3349	1.371	ug/l #	86
38) Carbon Tetrachloride	5.550	117	10263	5.437	ug/l #	14
48) Methyl methacrylate	7.702	41	3102	1.335	ug/l	92
52) Toluene	8.720	92	11611	3.438	ug/l	95
76) 1,2,3-Trichloropropane	11.079	75	59084	23.597	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	59084	66.567	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	510	0.251	ug/l	91
95) Naphthalene	13.780	128	1558	0.220	ug/l #	92
96) 1,2,3-Trichlorobenzene	13.963	180	393	0.200	ug/l	94

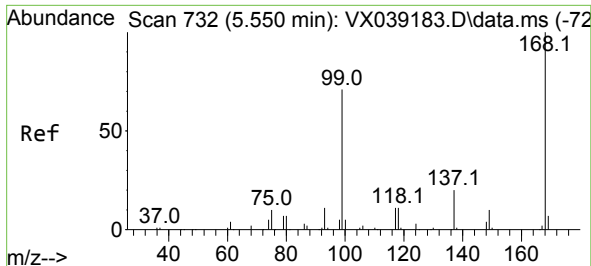
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX039654.D
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Sample : VX0108MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jan 09 04:30:26 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



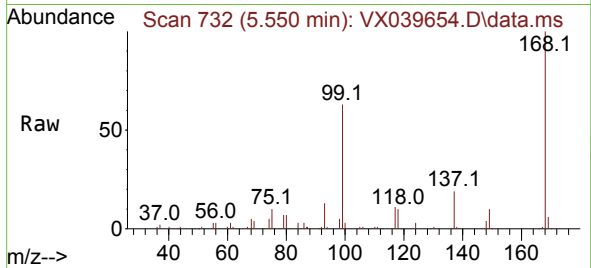


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039654.D
Acq: 08 Jan 2024 10:30

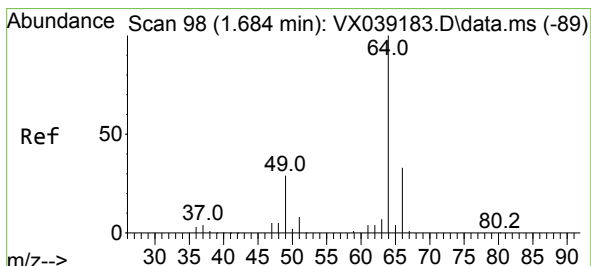
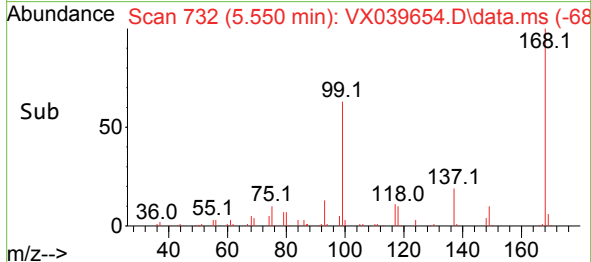
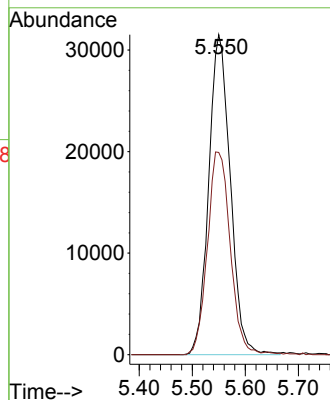
Instrument :

MSVOA_X

ClientSampleId :

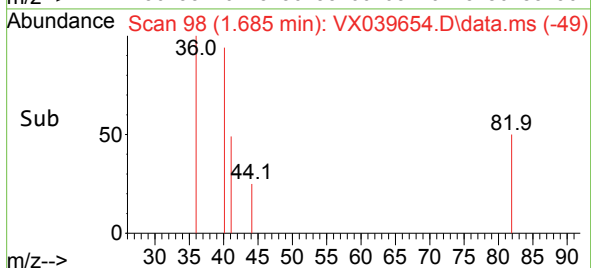
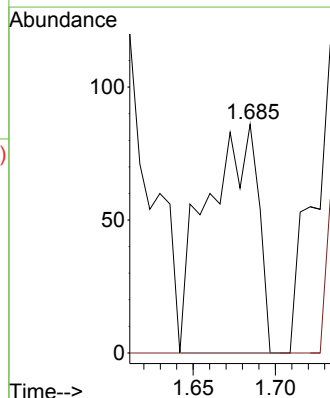
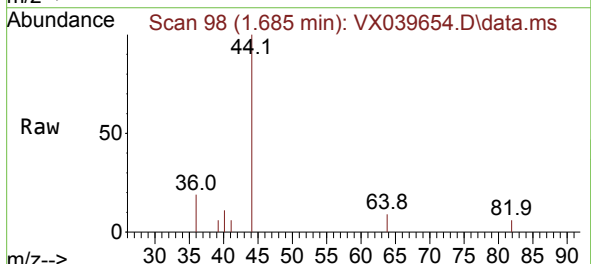


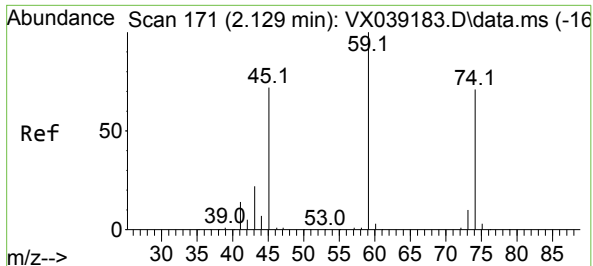
Tgt Ion:168 Resp: 89121
Ion Ratio Lower Upper
168 100
99 63.2 56.6 85.0



#6
Chloroethane
Concen: 0.239 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.000 min
Lab File: VX039654.D
Acq: 08 Jan 2024 10:30

Tgt Ion: 64 Resp: 186
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#





#8

Diethyl Ether

Concen: 0.351 ug/l

RT: 2.142 min Scan# 11

Delta R.T. 0.012 min

Lab File: VX039654.D

Acq: 08 Jan 2024 10:30

Instrument :

MSVOA_X

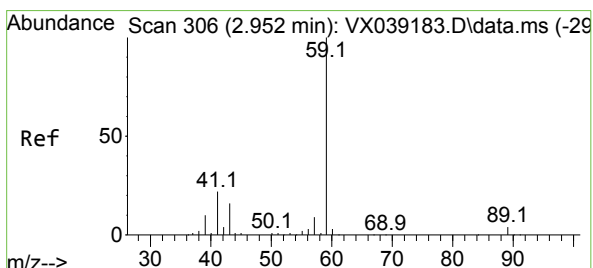
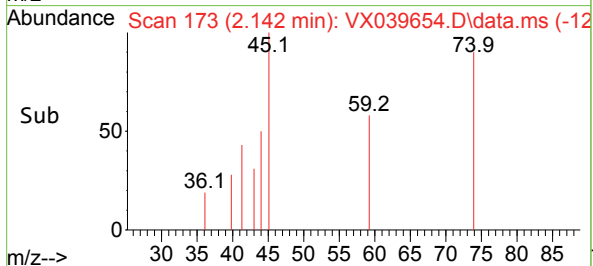
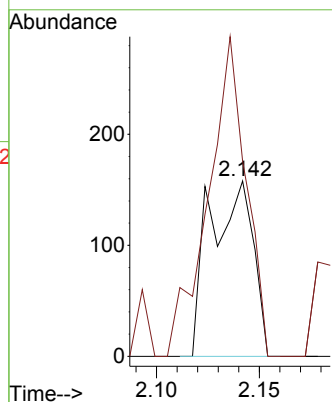
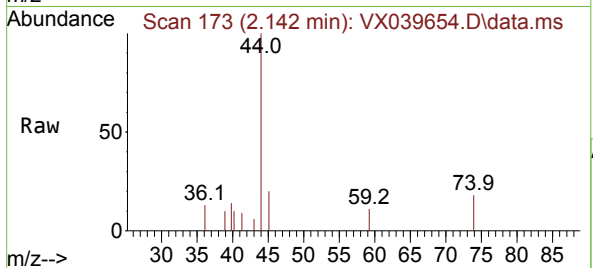
ClientSampleId :

Tgt Ion: 74 Resp: 230

Ion Ratio Lower Upper

74 100

45 160.9 53.3 159.8#



#11

Tert butyl alcohol

Concen: 3.659 ug/l

RT: 2.953 min Scan# 306

Delta R.T. 0.000 min

Lab File: VX039654.D

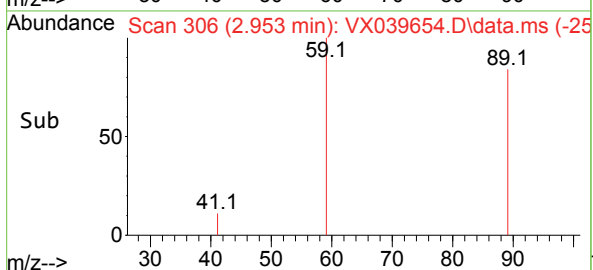
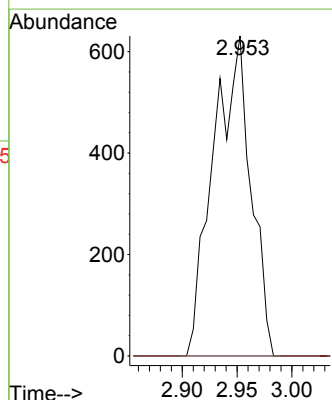
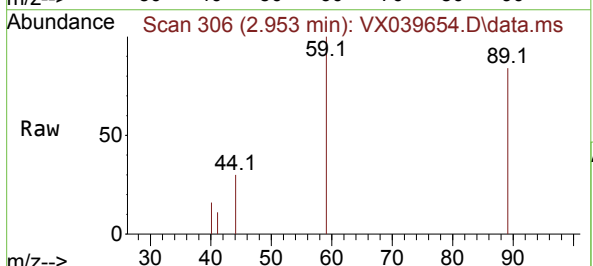
Acq: 08 Jan 2024 10:30

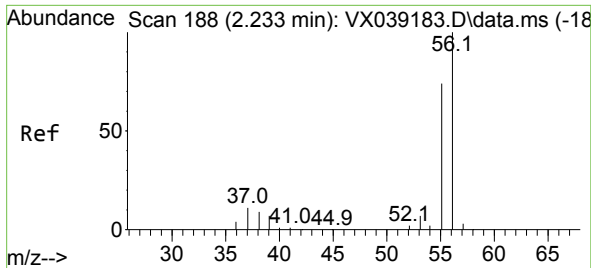
Tgt Ion: 59 Resp: 1500

Ion Ratio Lower Upper

59 100

57 0.0 6.0 9.0#





#13

Acrolein

Concen: 0.443 ug/l

RT: 2.233 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039654.D

Acq: 08 Jan 2024 10:30

Instrument :

MSVOA_X

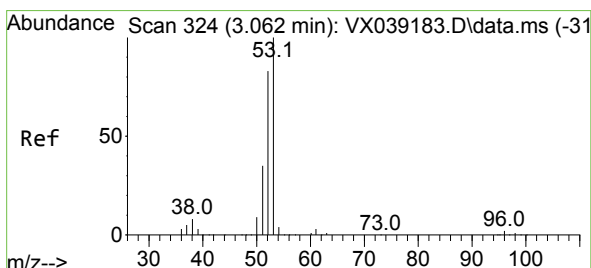
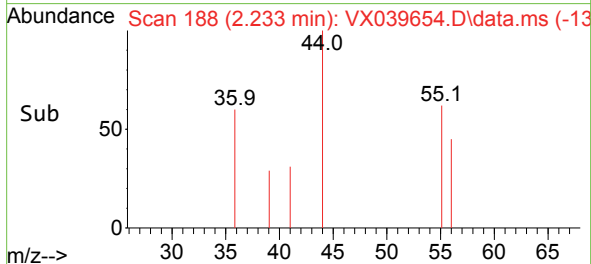
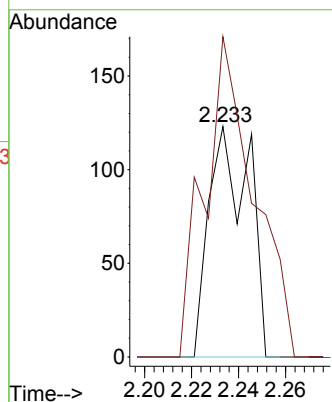
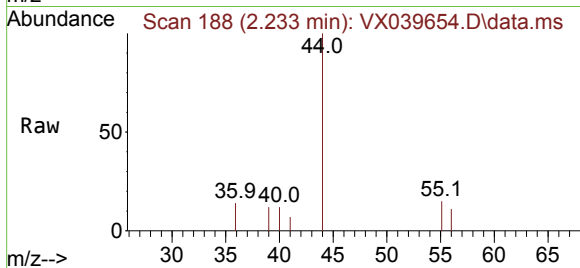
ClientSampleId :

Tgt Ion: 56 Resp: 145

Ion Ratio Lower Upper

56 100

55 171.7 57.1 85.7#



#15

Acrylonitrile

Concen: 0.244 ug/l

RT: 3.087 min Scan# 328

Delta R.T. 0.025 min

Lab File: VX039654.D

Acq: 08 Jan 2024 10:30

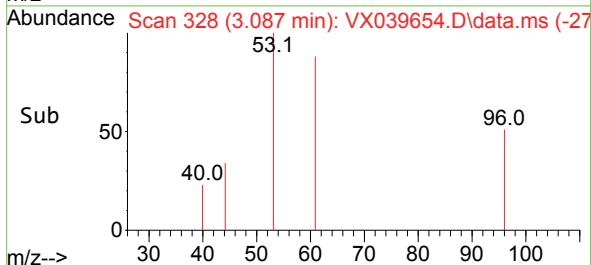
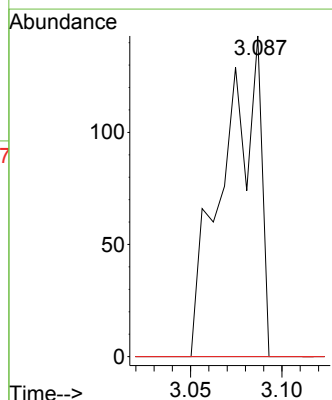
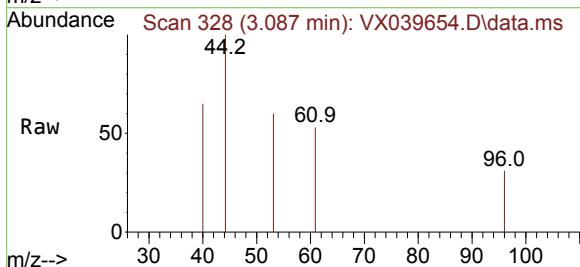
Tgt Ion: 53 Resp: 200

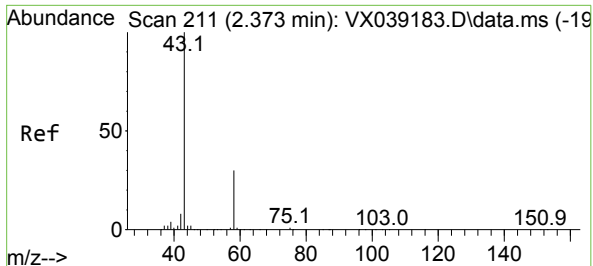
Ion Ratio Lower Upper

53 100

52 0.0 66.0 99.0#

51 0.0 29.8 44.6#





#16

Acetone

Concen: Below Cal

RT: 2.374 min Scan# 211

Delta R.T. 0.001 min

Lab File: VX039654.D

Acq: 08 Jan 2024 10:30

Instrument :

MSVOA_X

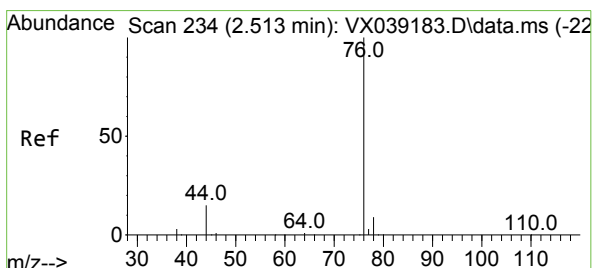
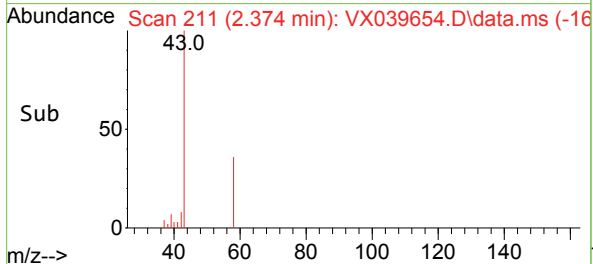
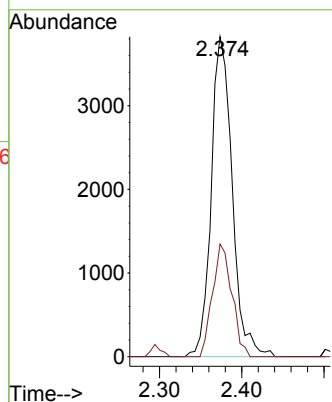
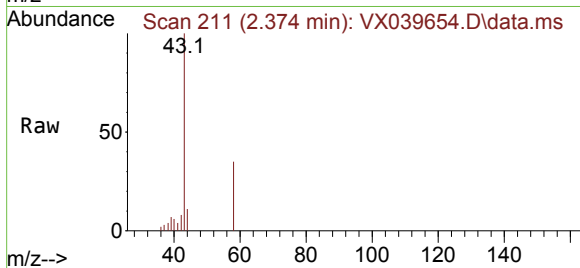
ClientSampleId :

Tgt Ion: 43 Resp: 6770

Ion Ratio Lower Upper

43 100

58 35.2 21.9 32.9#



#17

Carbon Disulfide

Concen: 0.250 ug/l

RT: 2.514 min Scan# 234

Delta R.T. 0.000 min

Lab File: VX039654.D

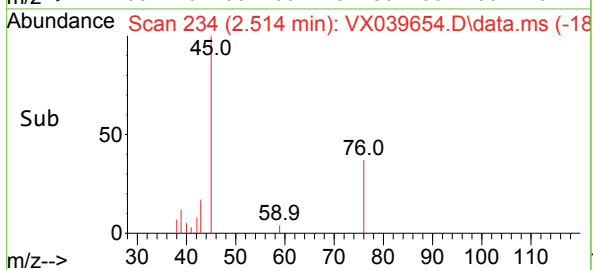
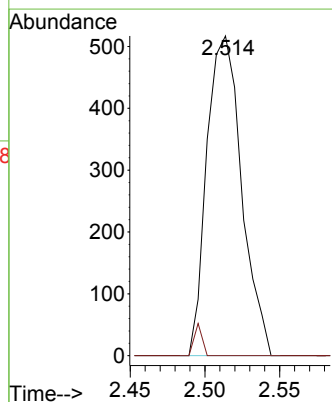
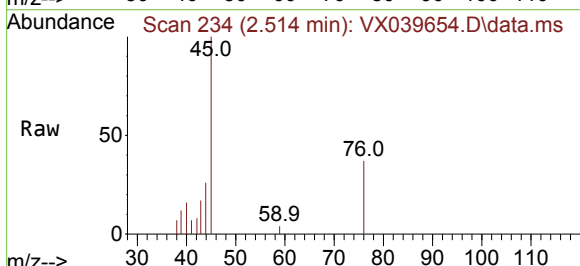
Acq: 08 Jan 2024 10:30

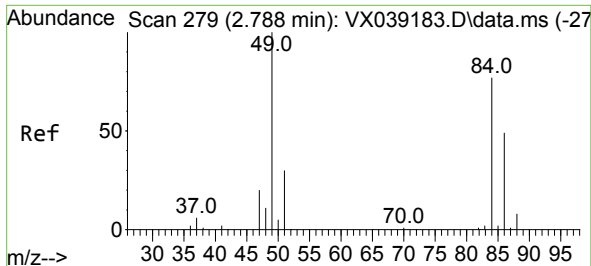
Tgt Ion: 76 Resp: 837

Ion Ratio Lower Upper

76 100

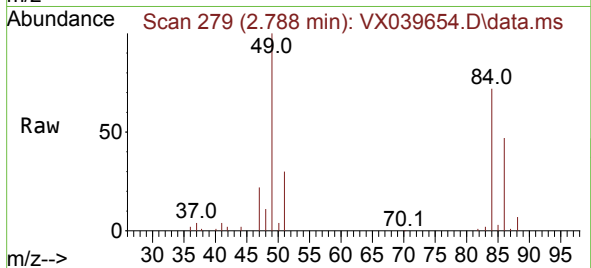
78 0.0 7.0 10.6#



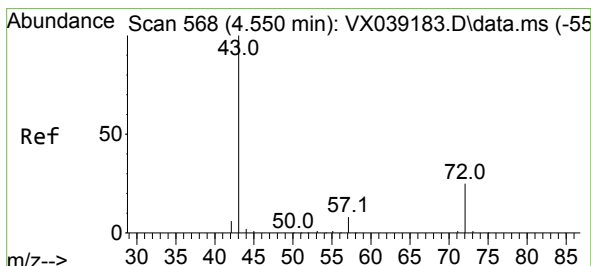
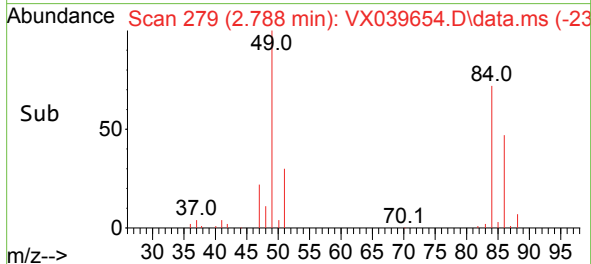
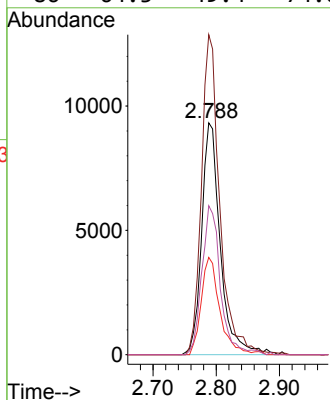


#20
Methylene Chloride
Concen: 14.102 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX039654.D
Acq: 08 Jan 2024 10:30

Instrument :
MSVOA_X
ClientSampleId :

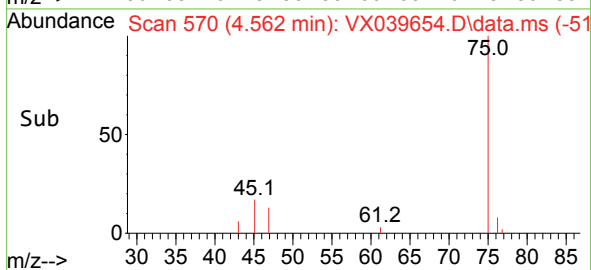
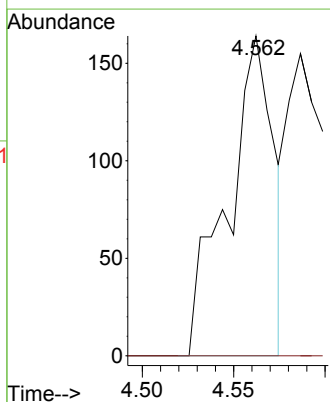
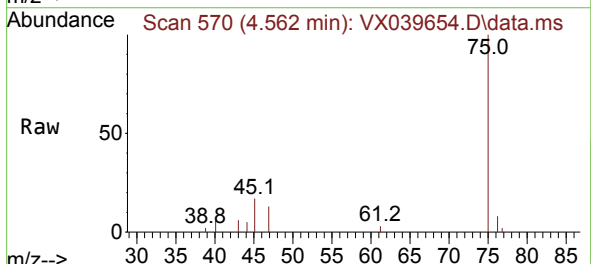


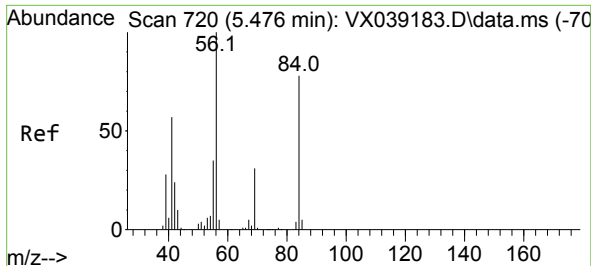
Tgt Ion:	84	Resp:	19193
Ion	Ratio	Lower	Upper
84	100		
49	138.0	103.6	155.4
51	42.0	33.8	50.6
86	64.3	49.4	74.0



#25
2-Butanone
Concen: 0.203 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.012 min
Lab File: VX039654.D
Acq: 08 Jan 2024 10:30

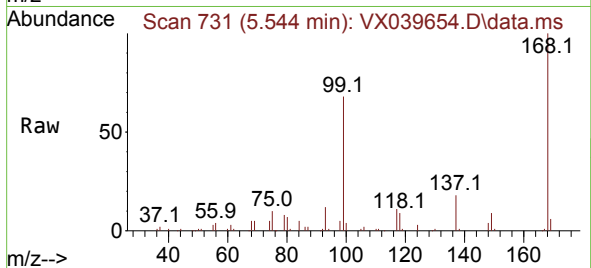
Tgt Ion:	43	Resp:	286
Ion	Ratio	Lower	Upper
43	100		
72	0.0	19.4	29.2#



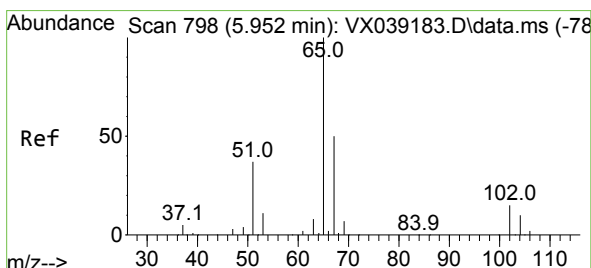
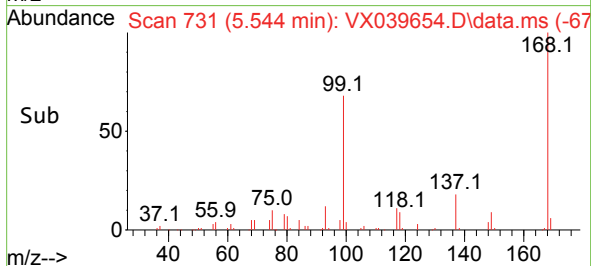
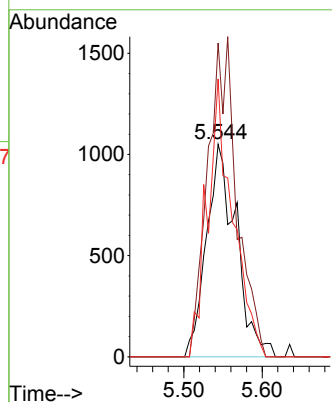


#31
Cyclohexane
Concen: 1.312 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.067 min
Lab File: VX039654.D
Acq: 08 Jan 2024 10:30

Instrument :
MSVOA_X
ClientSampleId :

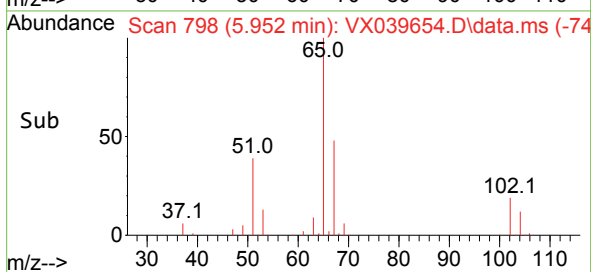
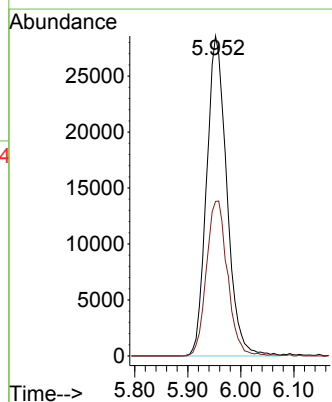
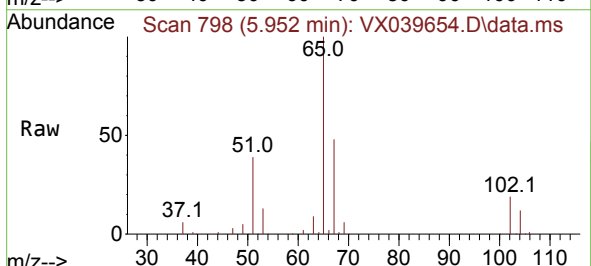


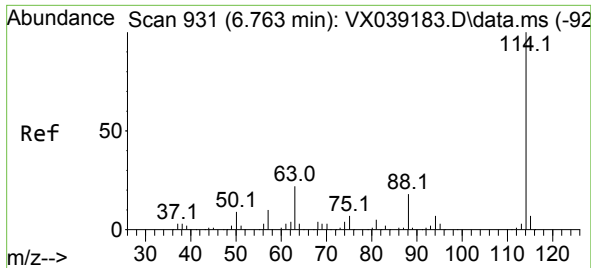
Tgt Ion: 56 Resp: 2766
Ion Ratio Lower Upper
56 100
69 147.6 23.4 35.2#
84 130.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.342 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039654.D
Acq: 08 Jan 2024 10:30

Tgt Ion: 65 Resp: 75660
Ion Ratio Lower Upper
65 100
67 50.5 0.0 100.2

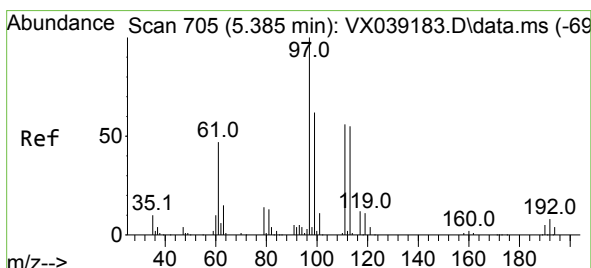
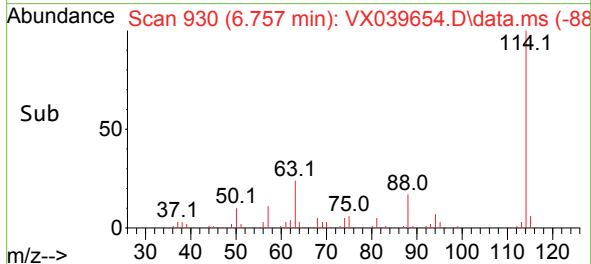
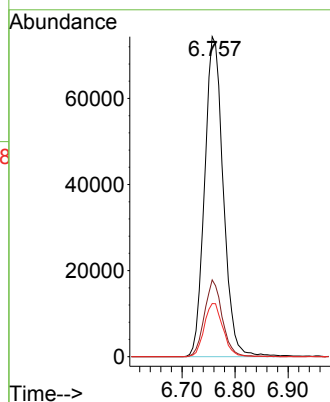
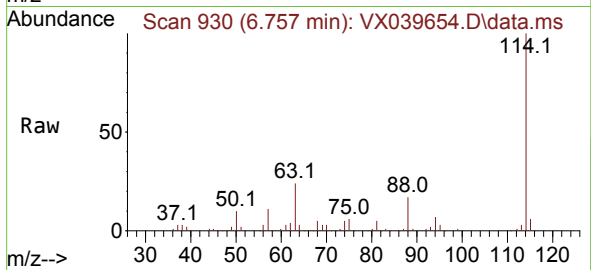




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX039654.D
Acq: 08 Jan 2024 10:30

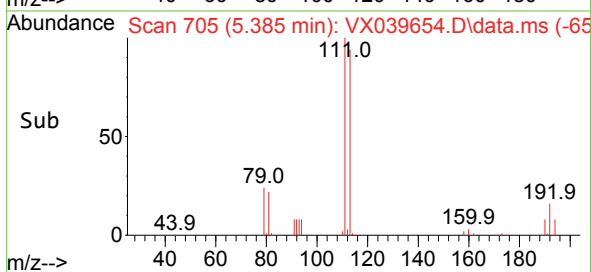
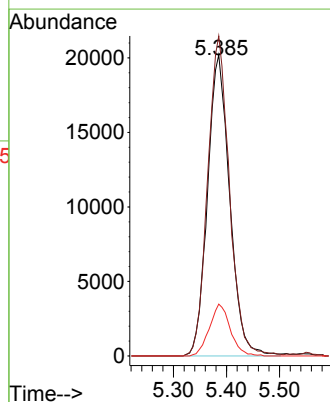
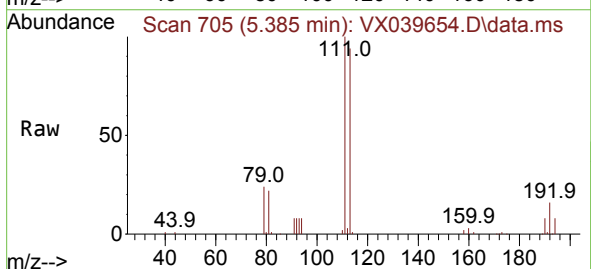
Instrument :
MSVOA_X
ClientSampleId :

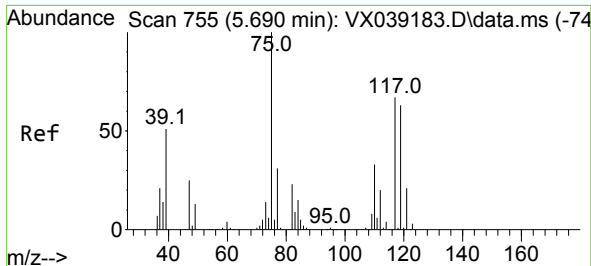
Tgt Ion:114 Resp: 181425
Ion Ratio Lower Upper
114 100
63 24.0 0.0 45.0
88 16.6 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.847 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX039654.D
Acq: 08 Jan 2024 10:30

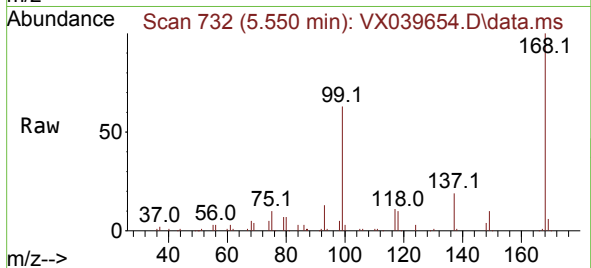
Tgt Ion:113 Resp: 58716
Ion Ratio Lower Upper
113 100
111 104.4 82.9 124.3
192 16.3 13.3 19.9



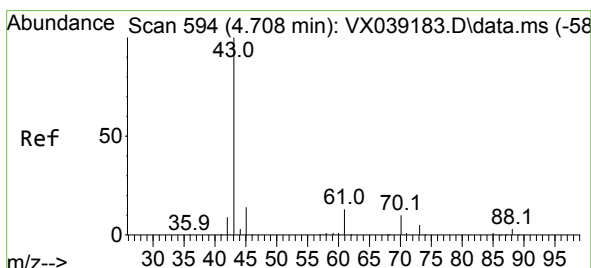
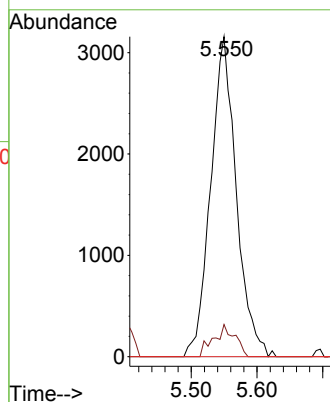
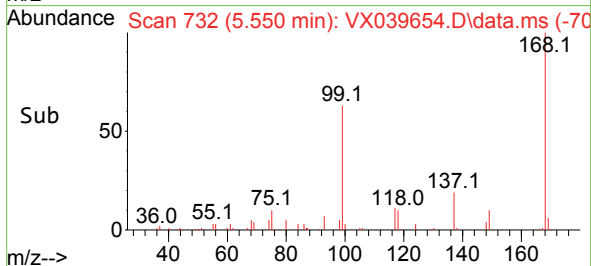


#36
1,1-Dichloropropene
Concen: 4.331 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX039654.D
Acq: 08 Jan 2024 10:30

Instrument :
MSVOA_X
ClientSampleId :

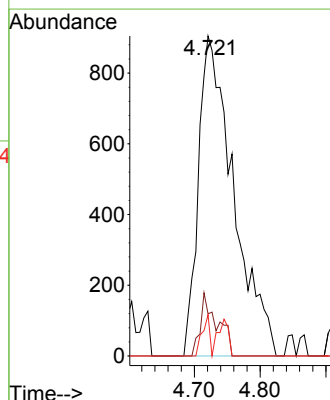
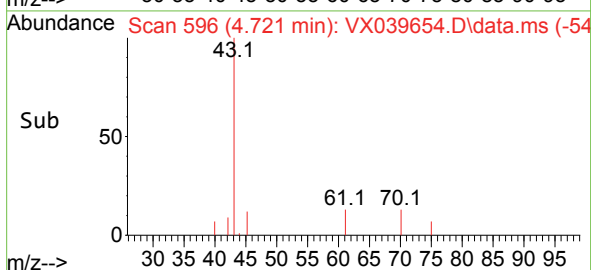
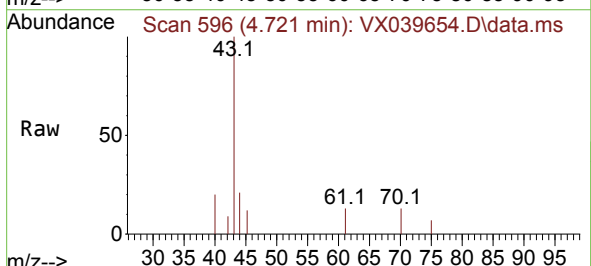


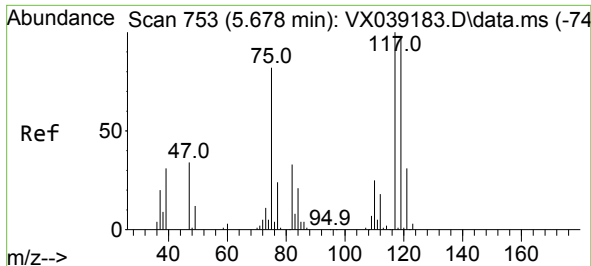
Tgt Ion: 75 Resp: 8567
Ion Ratio Lower Upper
75 100
110 8.3 17.0 50.9#
77 0.0 24.7 37.1#



#37
Ethyl Acetate
Concen: 1.371 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.012 min
Lab File: VX039654.D
Acq: 08 Jan 2024 10:30

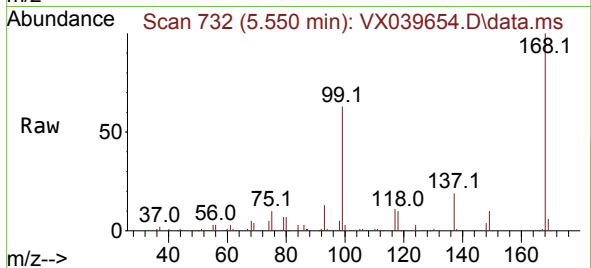
Tgt Ion: 43 Resp: 3349
Ion Ratio Lower Upper
43 100
61 9.6 10.6 16.0#
70 2.7 8.3 12.5#



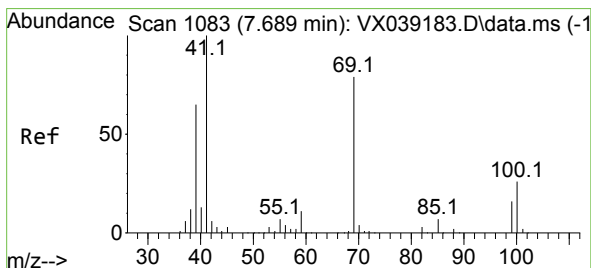
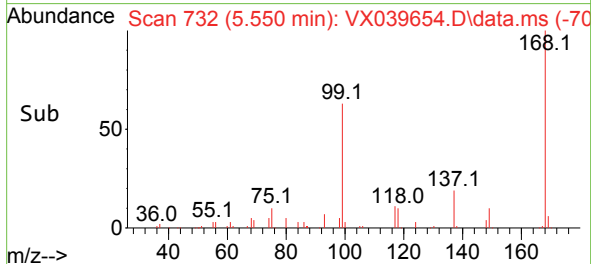
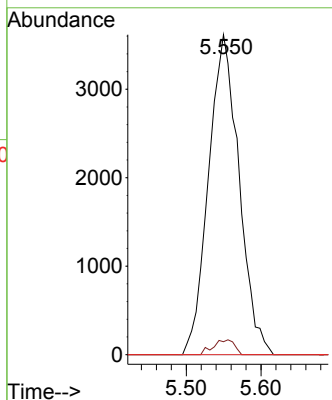


#38
Carbon Tetrachloride
Concen: 5.437 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX039654.D
Acq: 08 Jan 2024 10:30

Instrument :
MSVOA_X
ClientSampleId :

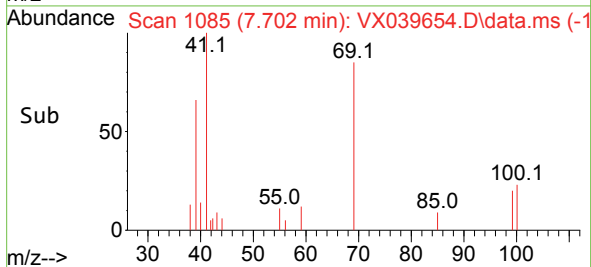
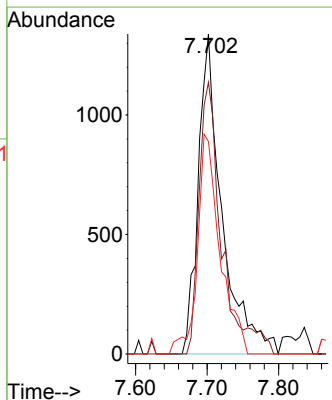
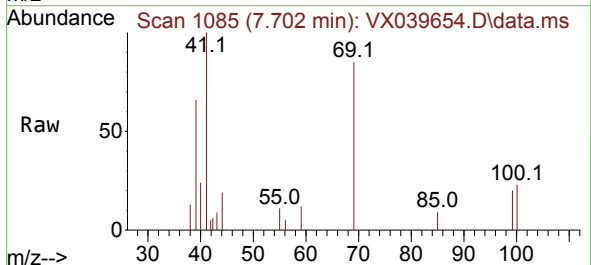


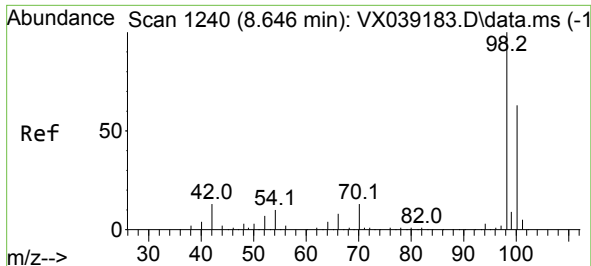
Tgt Ion:117 Resp: 10263
Ion Ratio Lower Upper
117 100
119 4.0 78.2 117.2#
121 0.0 24.4 36.6#



#48
Methyl methacrylate
Concen: 1.335 ug/l
RT: 7.702 min Scan# 1085
Delta R.T. 0.012 min
Lab File: VX039654.D
Acq: 08 Jan 2024 10:30

Tgt Ion: 41 Resp: 3102
Ion Ratio Lower Upper
41 100
69 80.6 59.2 88.8
39 65.0 47.7 71.5

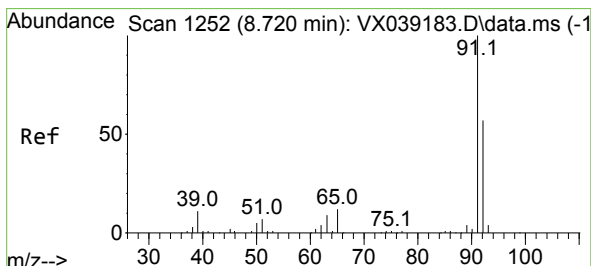
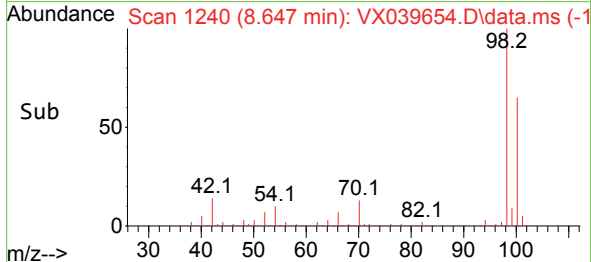
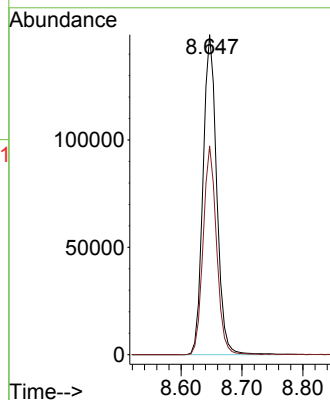
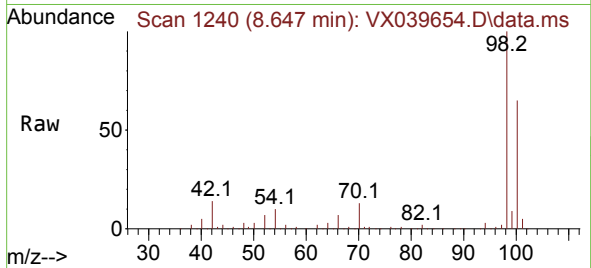




#50
Toluene-d8
Concen: 49.942 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039654.D
Acq: 08 Jan 2024 10:30

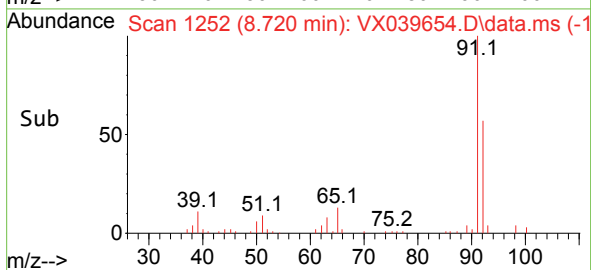
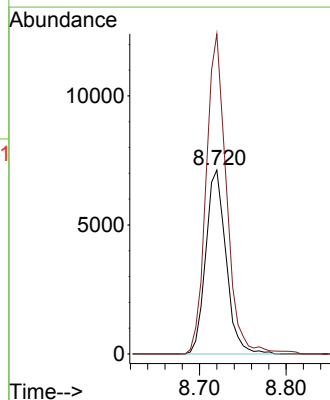
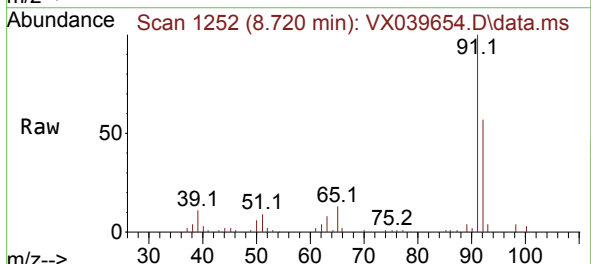
Instrument :
MSVOA_X
ClientSampleId :

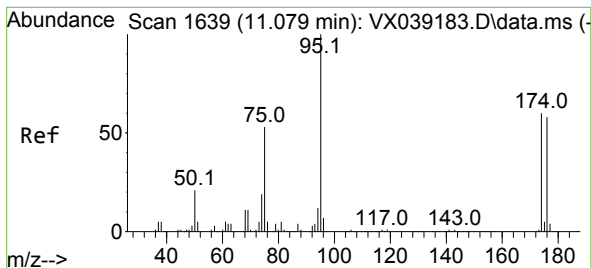
Tgt Ion: 98 Resp: 232390
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#52
Toluene
Concen: 3.438 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX039654.D
Acq: 08 Jan 2024 10:30

Tgt Ion: 92 Resp: 11611
Ion Ratio Lower Upper
92 100
91 174.8 134.2 201.2

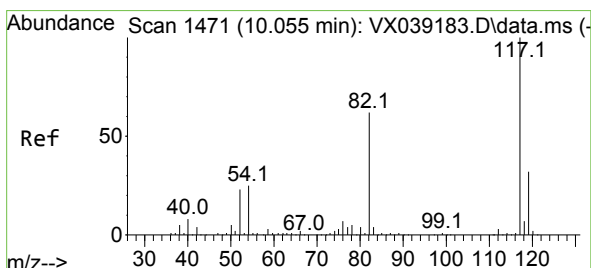
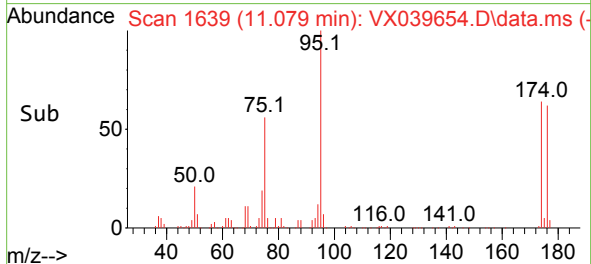
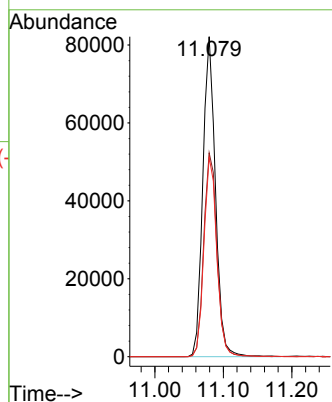
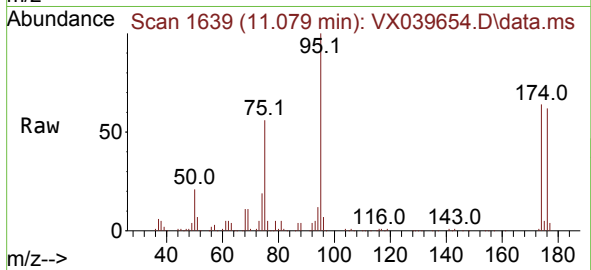




#62
4-Bromofluorobenzene
Concen: 54.849 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039654.D
Acq: 08 Jan 2024 10:30

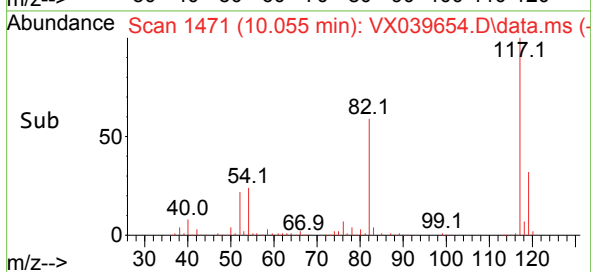
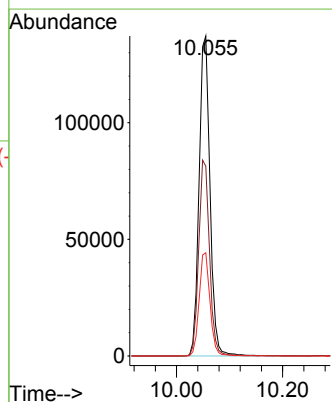
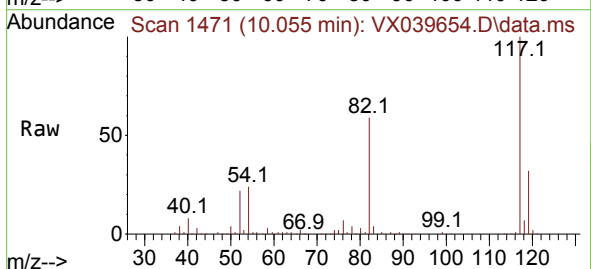
Instrument :
MSVOA_X
ClientSampleId :

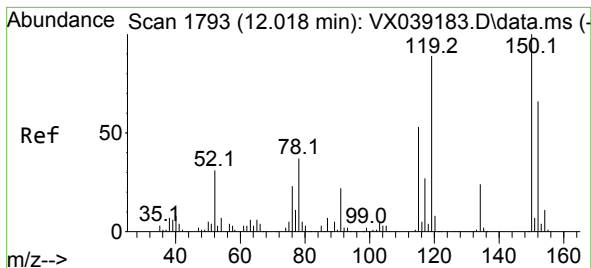
Tgt Ion: 95 Resp: 105304
Ion Ratio Lower Upper
95 100
174 66.5 0.0 135.6
176 63.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039654.D
Acq: 08 Jan 2024 10:30

Tgt Ion: 117 Resp: 195253
Ion Ratio Lower Upper
117 100
82 59.3 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# 1

Delta R.T. 0.006 min

Lab File: VX039654.D

Acq: 08 Jan 2024 10:30

Instrument :

MSVOA_X

ClientSampleId :

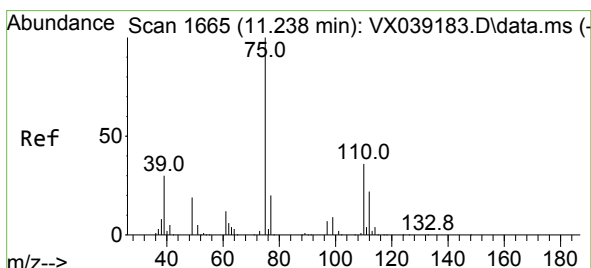
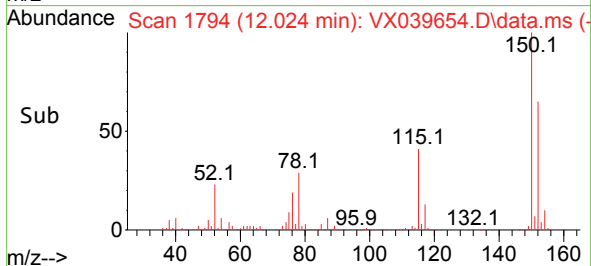
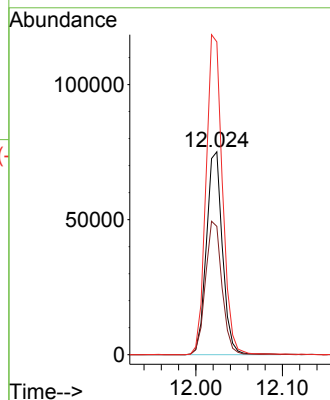
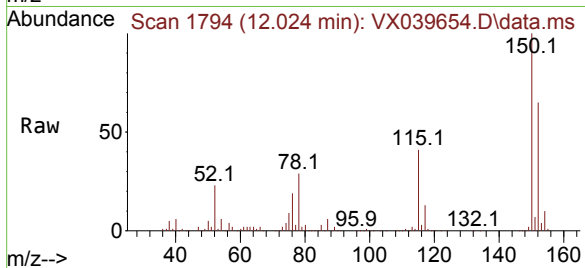
Tgt Ion:152 Resp: 96781

Ion Ratio Lower Upper

152 100

115 67.3 43.3 129.9

150 161.2 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 23.597 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039654.D

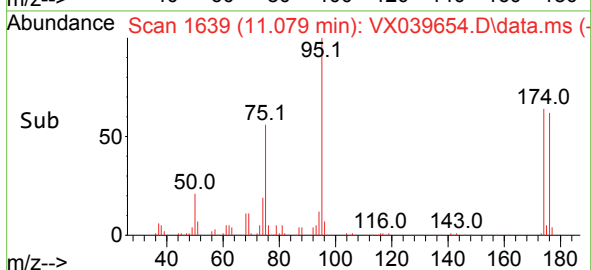
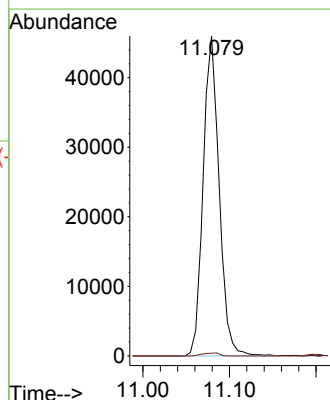
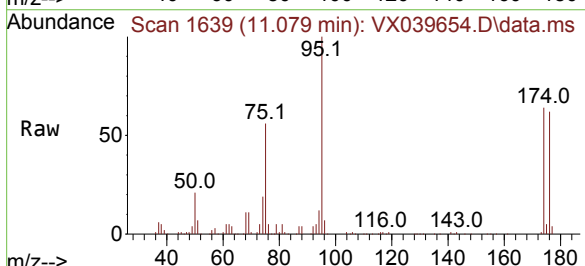
Acq: 08 Jan 2024 10:30

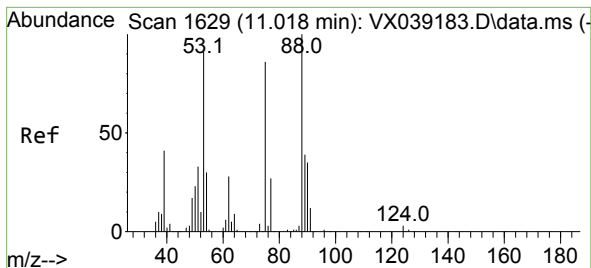
Tgt Ion: 75 Resp: 59084

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#

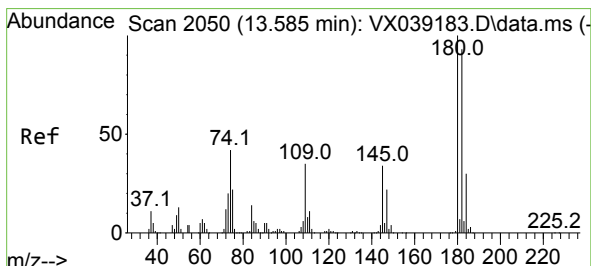
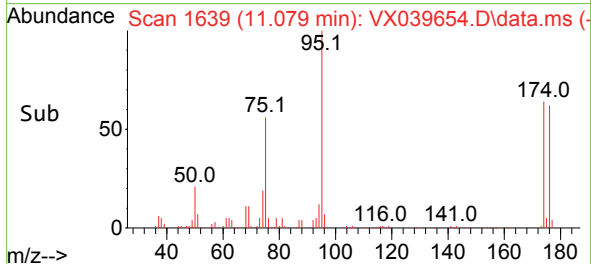
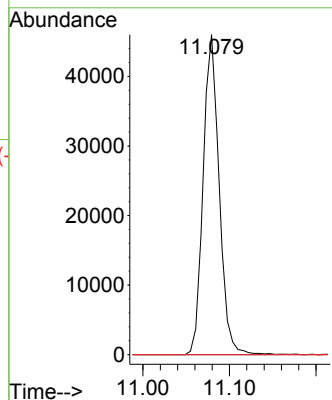
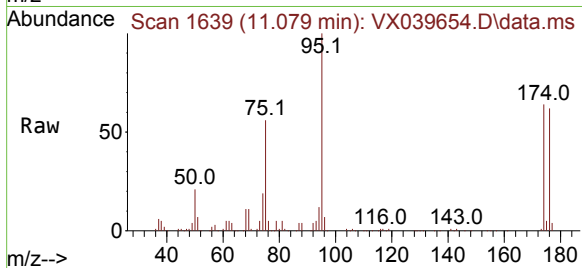




#81
trans-1,4-Dichloro-2-butene
Concen: 66.567 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX039654.D
Acq: 08 Jan 2024 10:30

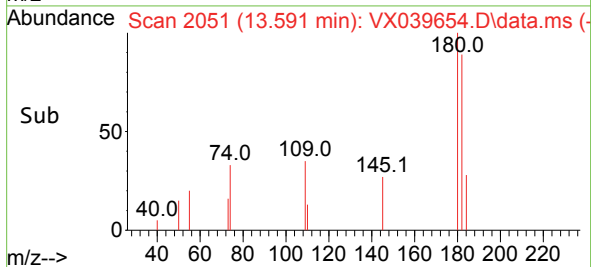
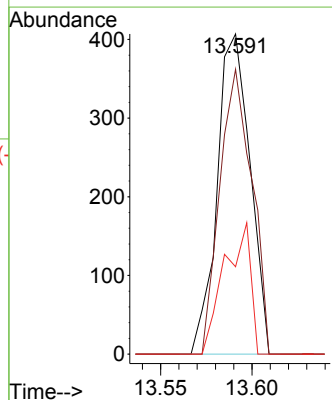
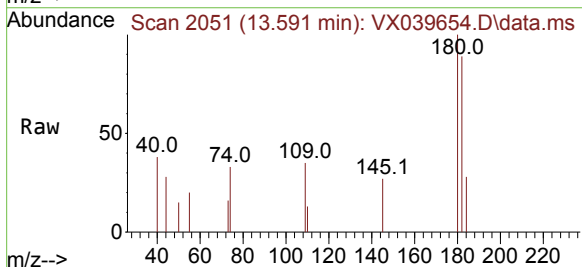
Instrument :
MSVOA_X
ClientSampleId :

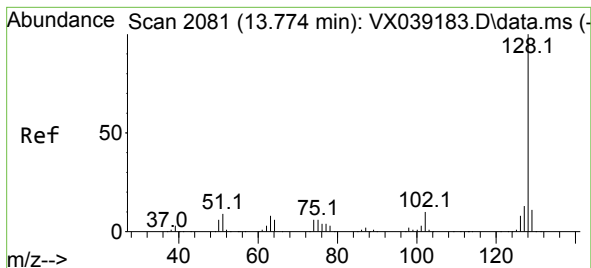
Tgt Ion: 75 Resp: 59084
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.251 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX039654.D
Acq: 08 Jan 2024 10:30

Tgt Ion:180 Resp: 510
Ion Ratio Lower Upper
180 100
182 86.3 48.3 144.8
145 32.7 18.0 54.0





#95

Naphthalene

Concen: 0.220 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX039654.D

Acq: 08 Jan 2024 10:30

Instrument :

MSVOA_X

ClientSampleId :

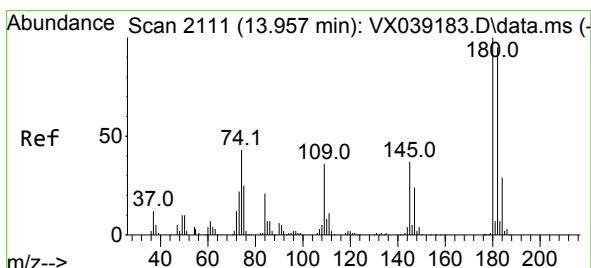
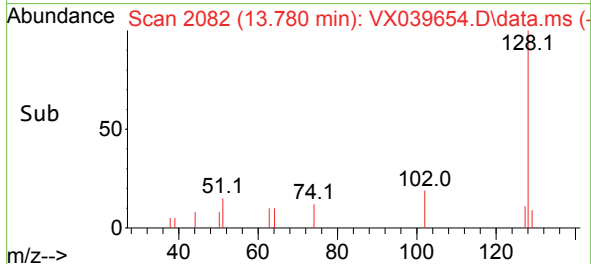
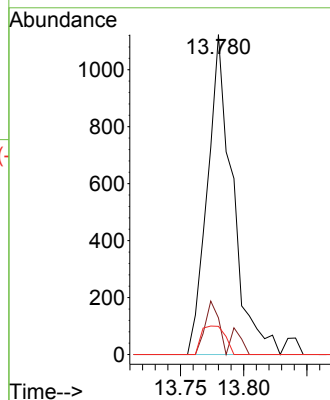
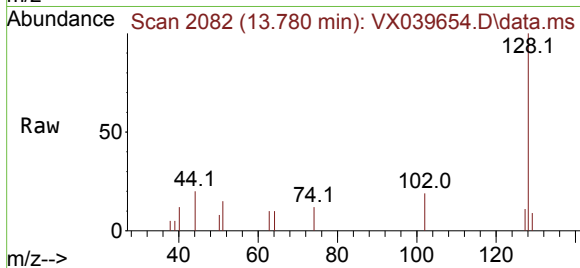
Tgt Ion:128 Resp: 1558

Ion Ratio Lower Upper

128 100

127 9.2 10.3 15.5#

129 8.3 8.8 13.2#



#96

1,2,3-Trichlorobenzene

Concen: 0.200 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX039654.D

Acq: 08 Jan 2024 10:30

Tgt Ion:180 Resp: 393

Ion Ratio Lower Upper

180 100

182 88.3 46.9 140.6

145 39.4 17.8 53.5

