

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011524\
 Data File : VX039750.D
 Acq On : 15 Jan 2024 12:51
 Operator : JC/MD
 Sample : VX0115WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 16 01:38:19 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)

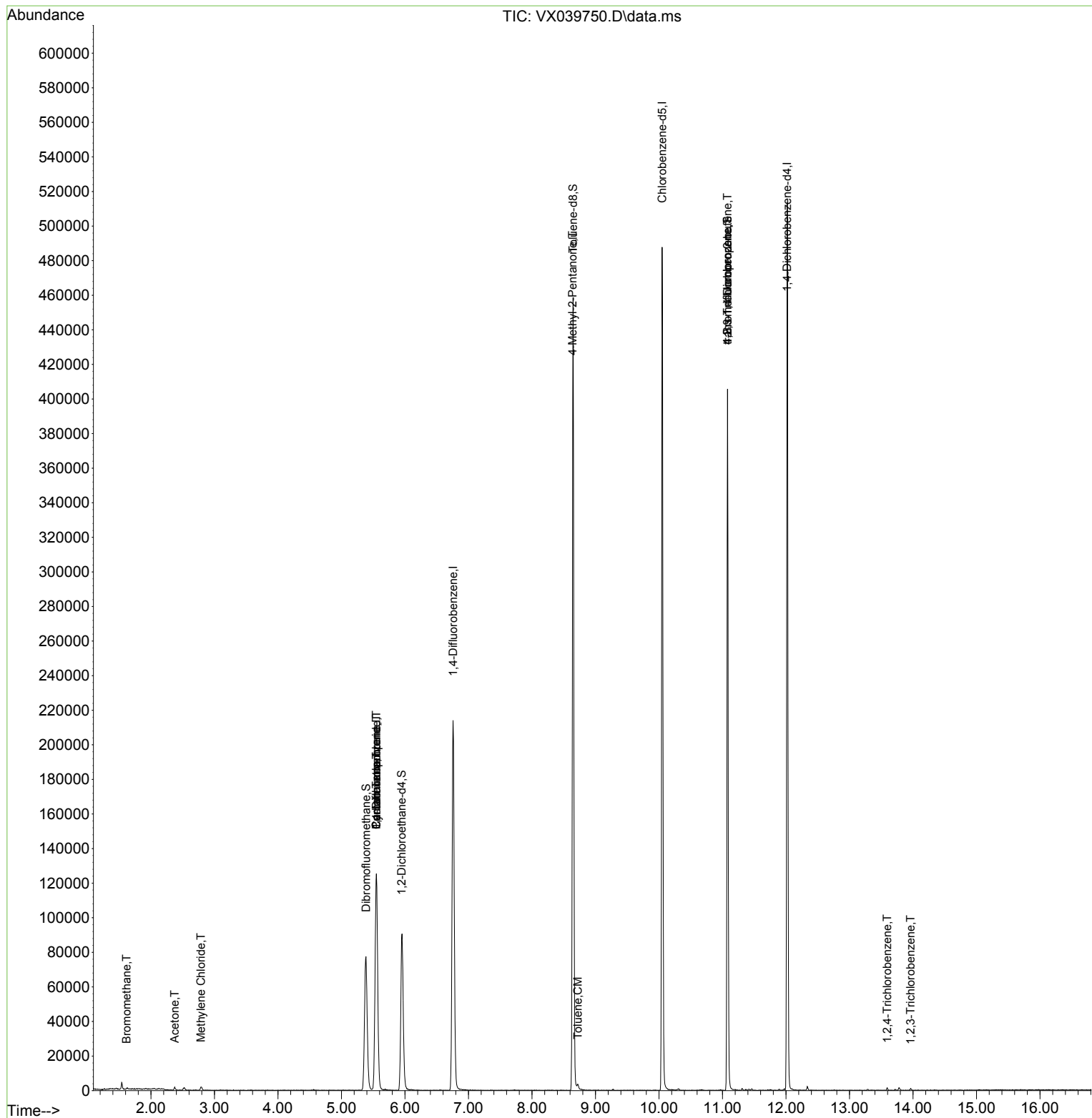
Internal Standards						
1) Pentafluorobenzene	5.550	168	114114	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	212117	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	209156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	98701	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	87134	45.582	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.160%
35) Dibromofluoromethane	5.385	113	68233	47.759	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.520%
50) Toluene-d8	8.647	98	262875	48.785	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.580%
62) 4-Bromofluorobenzene	11.079	95	107588	51.059	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.120%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	192	0.211	ug/l #	56
13) Acrolein	2.105	56	20	Below Cal	#	14
16) Acetone	2.374	43	1547	1.439	ug/l #	88
20) Methylene Chloride	2.788	84	946	0.582	ug/l #	92
31) Cyclohexane	5.550	56	3028	1.200	ug/l #	16
36) 1,1-Dichloropropene	5.550	75	10235	4.602	ug/l #	47
38) Carbon Tetrachloride	5.550	117	12081	5.931	ug/l #	14
51) 4-Methyl-2-Pentanone	8.641	43	1287	0.429	ug/l #	1
52) Toluene	8.720	92	1073	0.285	ug/l	89
76) 1,2,3-Trichloropropane	11.079	75	58136	22.719	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	58136	65.696	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	470	0.232	ug/l	83
96) 1,2,3-Trichlorobenzene	13.963	180	434	0.212	ug/l #	76

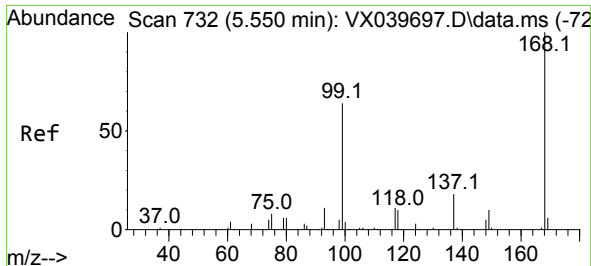
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 16 01:38:19 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

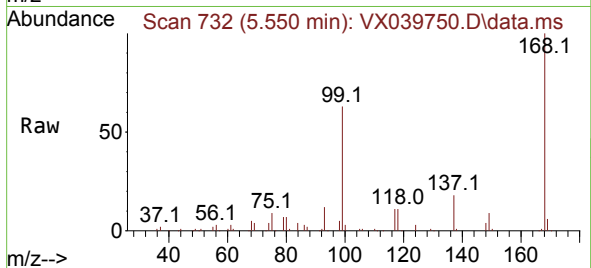




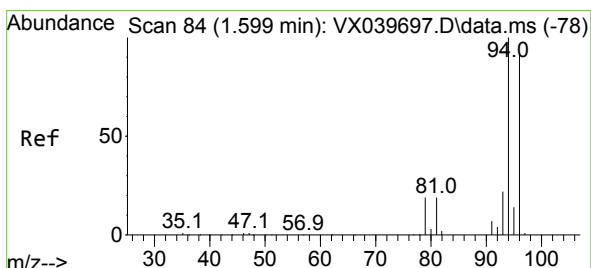
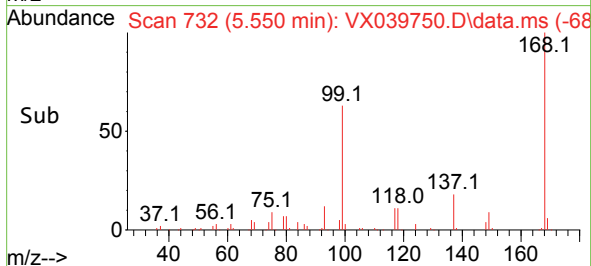
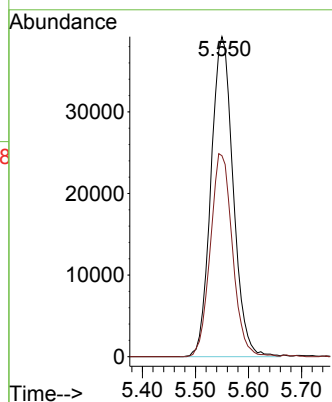
#1
Pentafluorobenzene

Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039750.D
Acq: 15 Jan 2024 12:51

Instrument :
MSVOA_X
ClientSampleId :



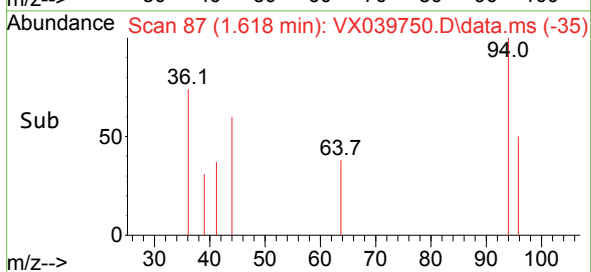
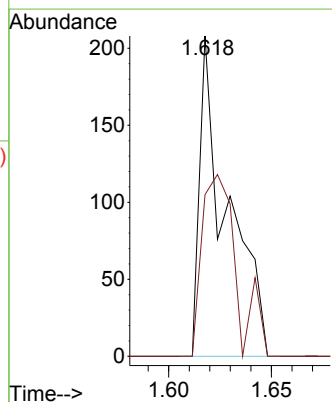
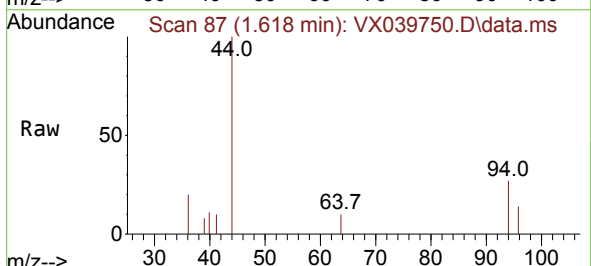
Tgt Ion:168 Resp: 114114
Ion Ratio Lower Upper
168 100
99 62.8 56.6 85.0

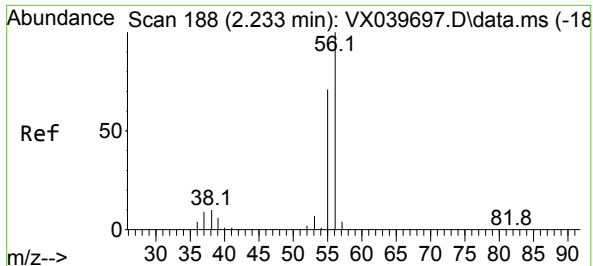


#5
Bromomethane

Concen: 0.211 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX039750.D
Acq: 15 Jan 2024 12:51

Tgt Ion: 94 Resp: 192
Ion Ratio Lower Upper
94 100
96 50.5 74.6 111.8#

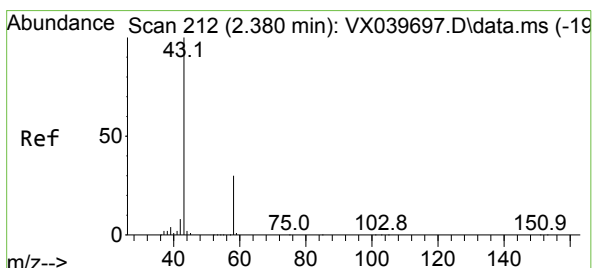
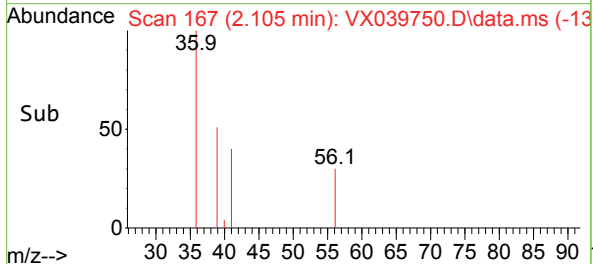
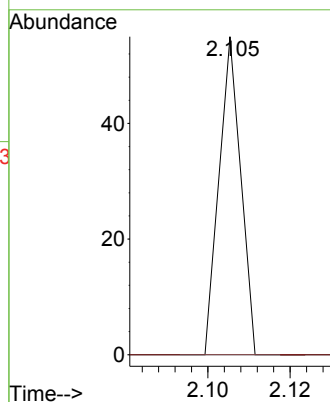
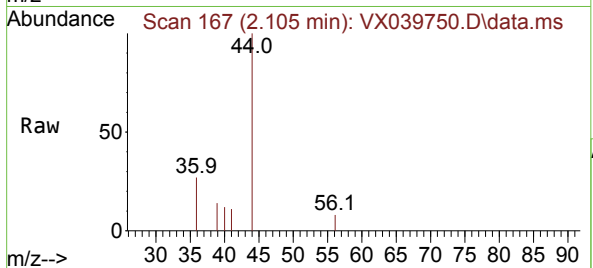




#13
Acrolein
Concen: Below Cal
RT: 2.105 min Scan# 11
Delta R.T. -0.128 min
Lab File: VX039750.D
Acq: 15 Jan 2024 12:51

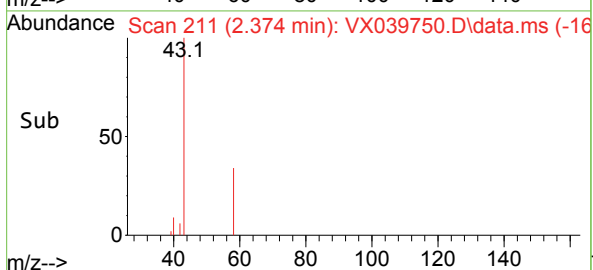
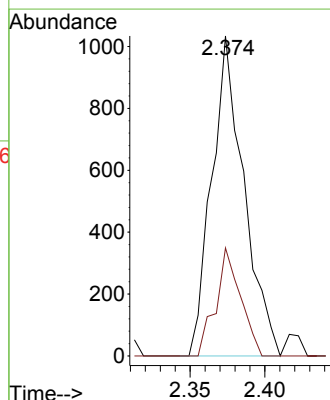
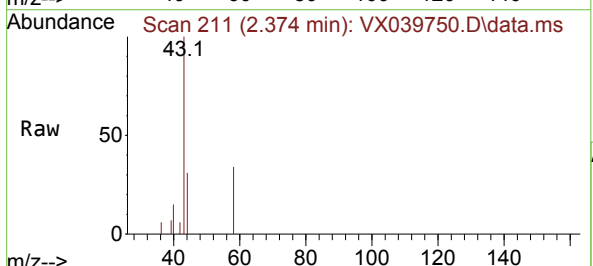
Instrument :
MSVOA_X
ClientSampleId :

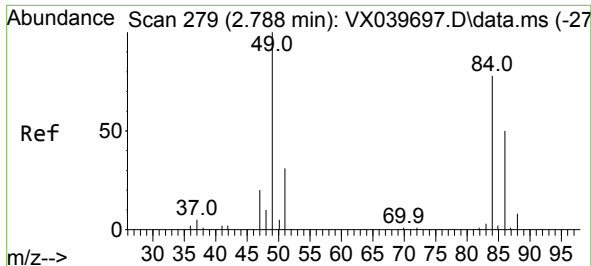
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 57.1 85.7#



#16
Acetone
Concen: 1.439 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039750.D
Acq: 15 Jan 2024 12:51

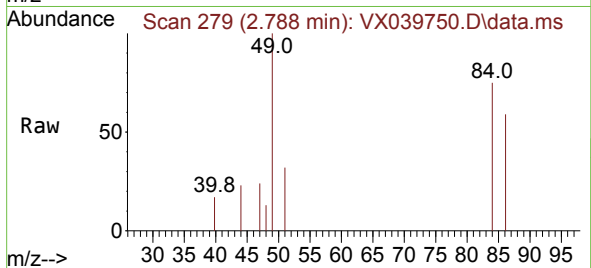
Tgt Ion: 43 Resp: 1547
Ion Ratio Lower Upper
43 100
58 33.8 21.9 32.9#



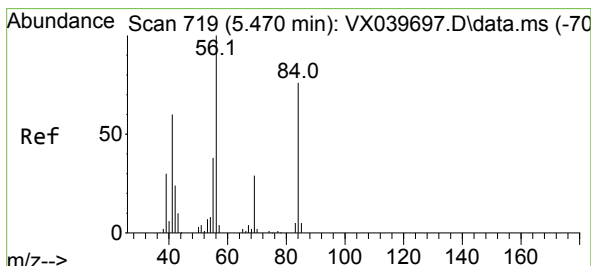
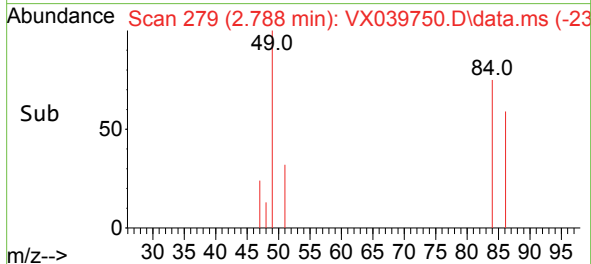
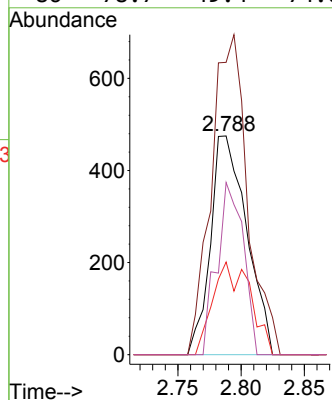


#20
Methylene Chloride
Concen: 0.582 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX039750.D
Acq: 15 Jan 2024 12:51

Instrument :
MSVOA_X
ClientSampleId :

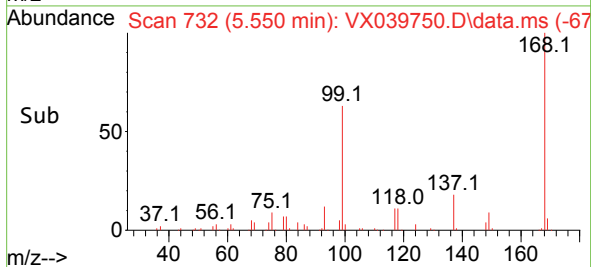
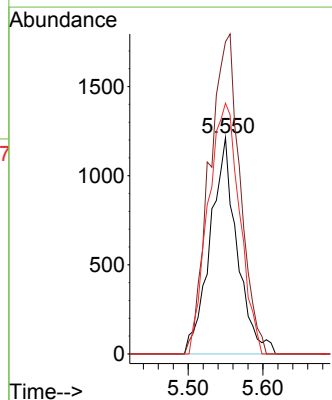
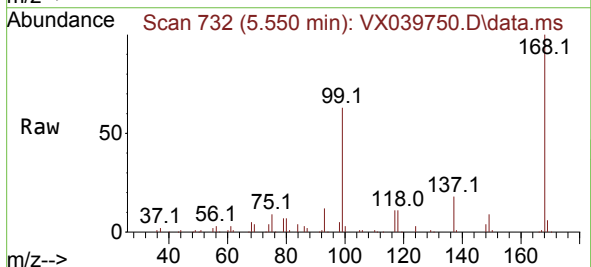


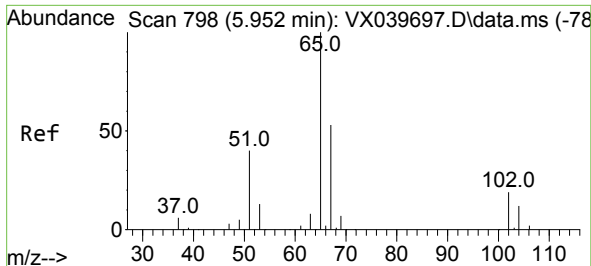
Tgt Ion: 84	Resp: 946
Ion Ratio	Lower Upper
84 100	
49 133.7	103.6 155.4
51 42.3	33.8 50.6
86 78.7	49.4 74.0#



#31
Cyclohexane
Concen: 1.200 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX039750.D
Acq: 15 Jan 2024 12:51

Tgt Ion: 56	Resp: 3028
Ion Ratio	Lower Upper
56 100	
69 144.4	23.4 35.2#
84 115.9	65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 45.582 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX039750.D

Acq: 15 Jan 2024 12:51

Instrument :

MSVOA_X

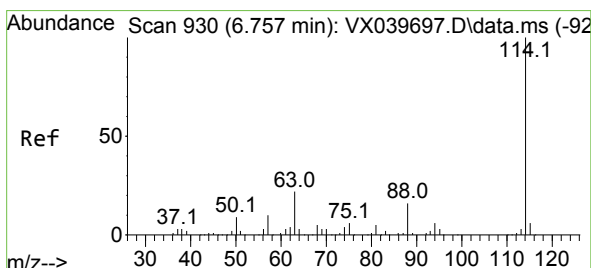
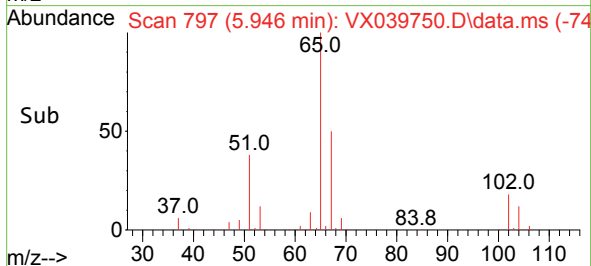
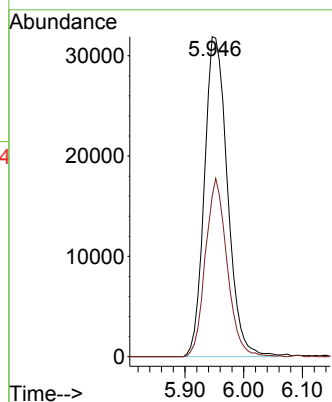
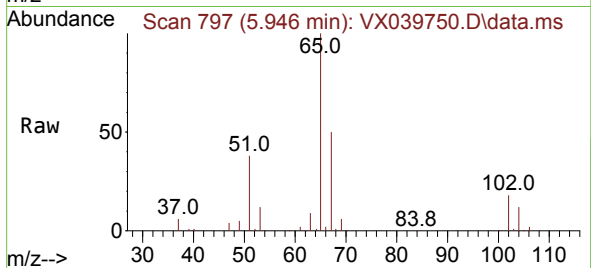
ClientSampleId :

Tgt Ion: 65 Resp: 87134

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. 0.000 min

Lab File: VX039750.D

Acq: 15 Jan 2024 12:51

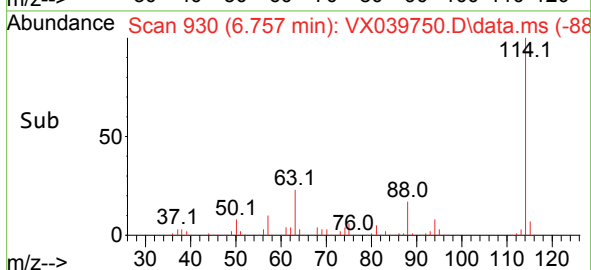
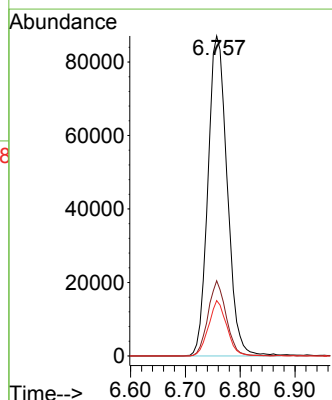
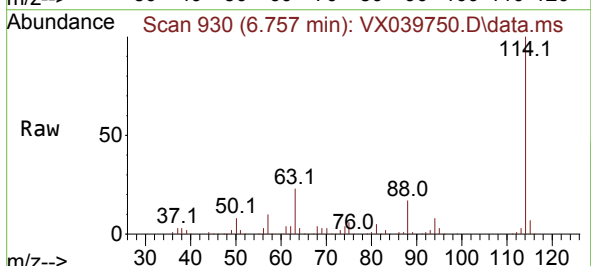
Tgt Ion: 114 Resp: 212117

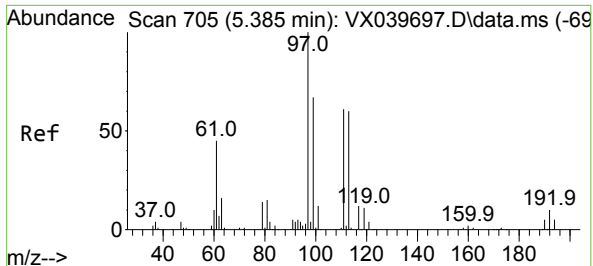
Ion Ratio Lower Upper

114 100

63 23.5 0.0 45.0

88 17.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.759 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

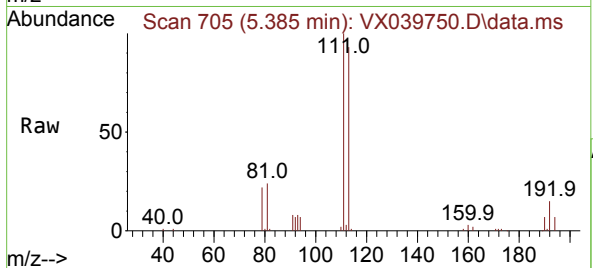
Lab File: VX039750.D

Acq: 15 Jan 2024 12:51

Instrument :

MSVOA_X

ClientSampleId :



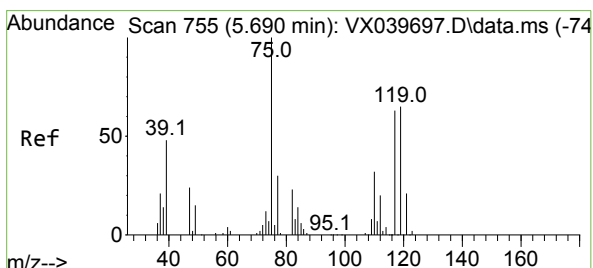
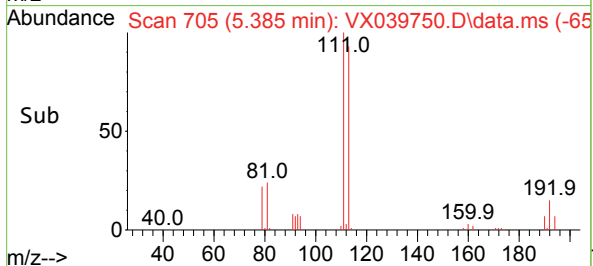
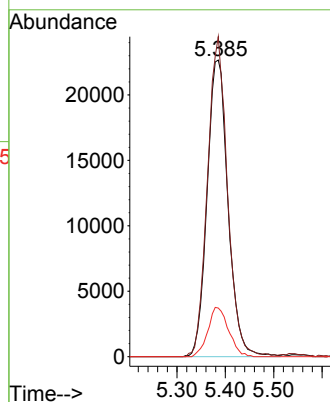
Tgt Ion:113 Resp: 68233

Ion Ratio Lower Upper

113 100

111 103.5 82.9 124.3

192 16.4 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.602 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.140 min

Lab File: VX039750.D

Acq: 15 Jan 2024 12:51

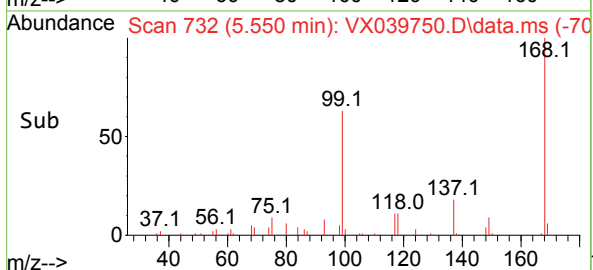
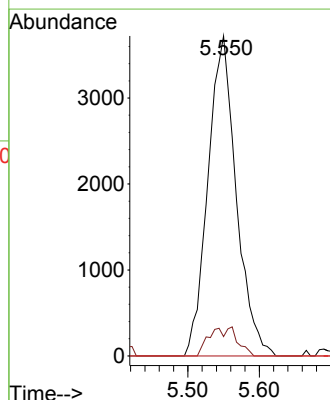
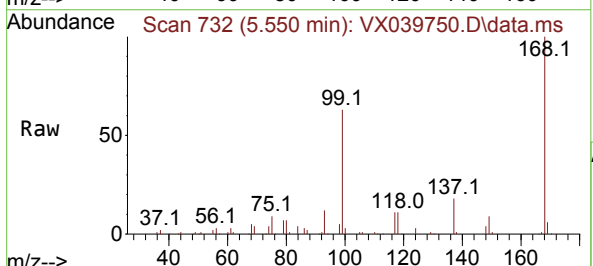
Tgt Ion: 75 Resp: 10235

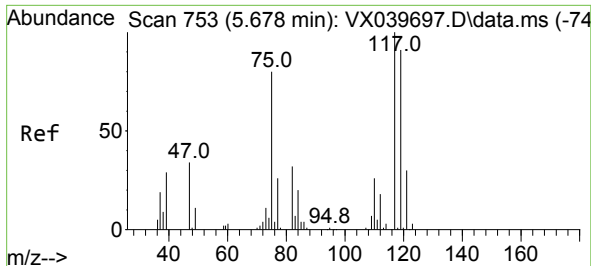
Ion Ratio Lower Upper

75 100

110 5.0 17.0 50.9#

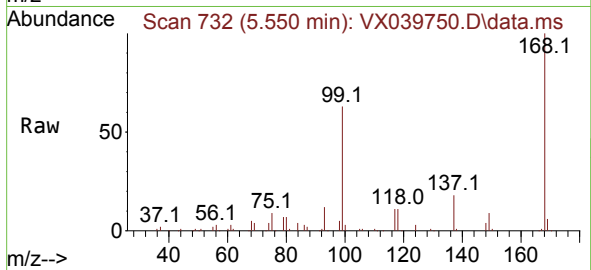
77 0.0 24.7 37.1#



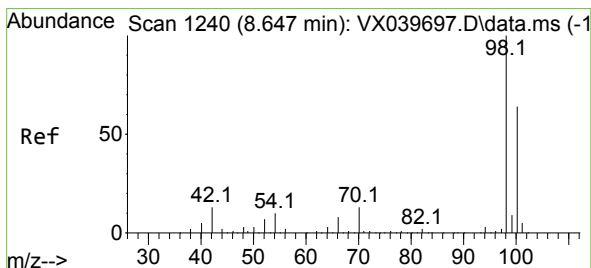
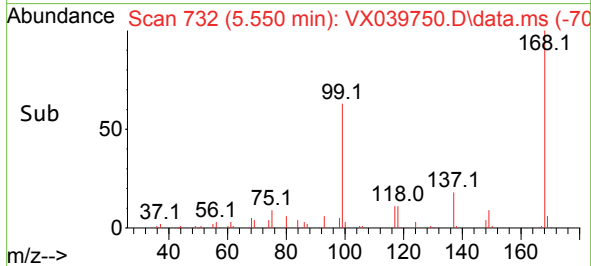
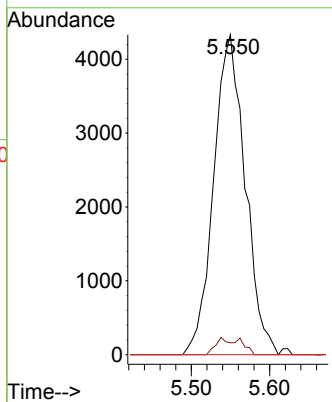


#38
Carbon Tetrachloride
Concen: 5.931 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX039750.D
Acq: 15 Jan 2024 12:51

Instrument :
MSVOA_X
ClientSampleId :

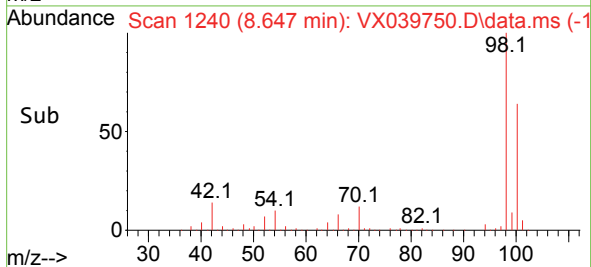
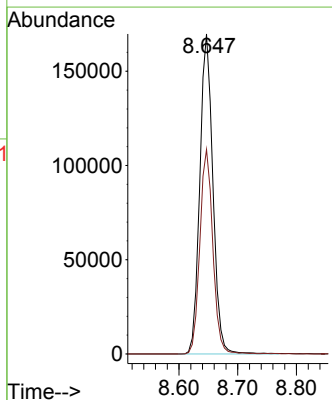
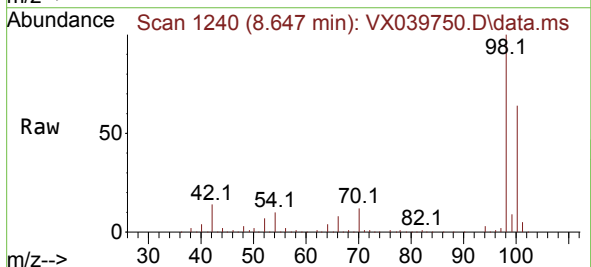


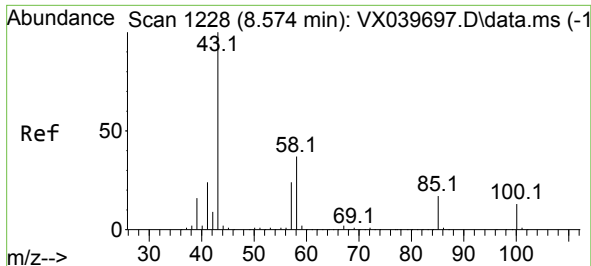
Tgt Ion:117 Resp: 12081
Ion Ratio Lower Upper
117 100
119 3.7 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.785 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039750.D
Acq: 15 Jan 2024 12:51

Tgt Ion: 98 Resp: 262875
Ion Ratio Lower Upper
98 100
100 63.3 53.1 79.7

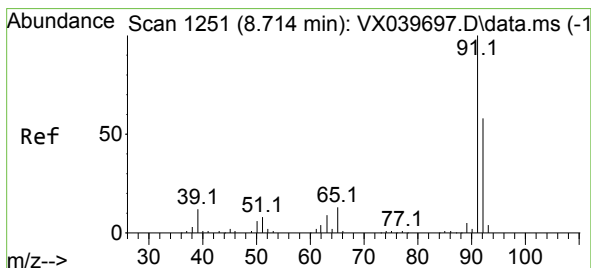
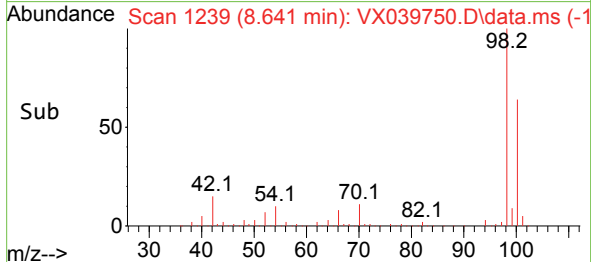
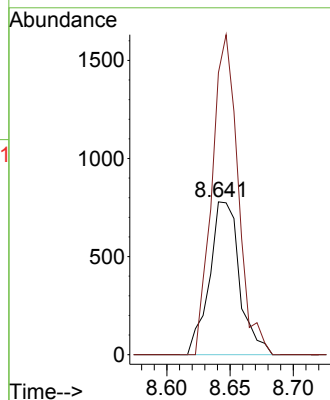
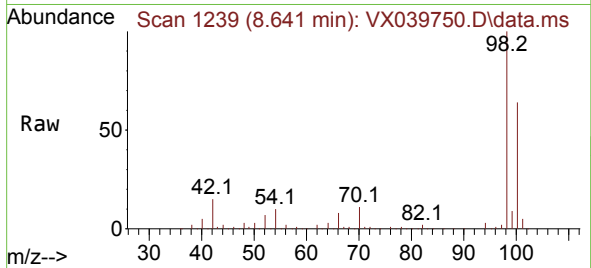




#51
4-Methyl-2-Pentanone
Concen: 0.429 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX039750.D
Acq: 15 Jan 2024 12:51

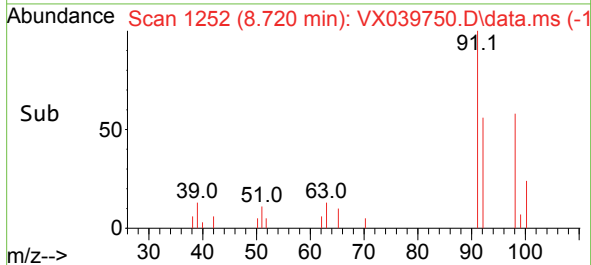
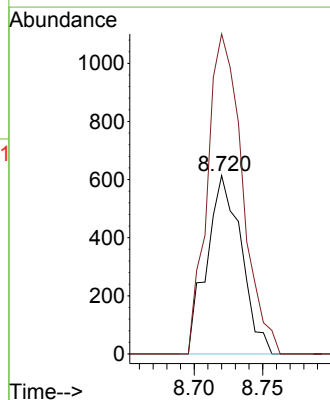
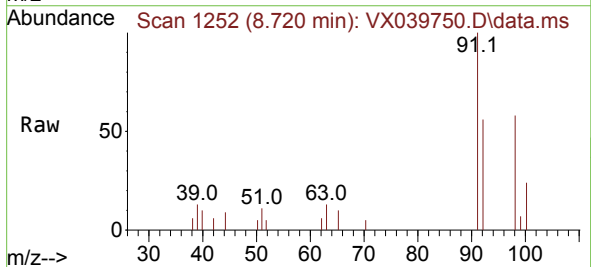
Instrument :
MSVOA_X
ClientSampleId :

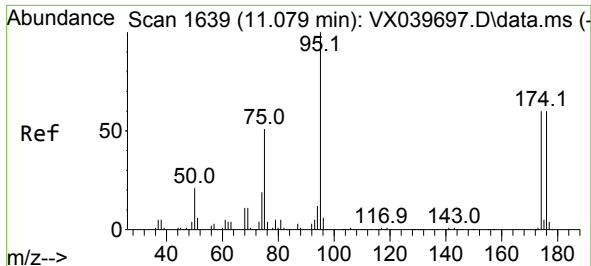
Tgt Ion: 43 Resp: 1287
Ion Ratio Lower Upper
43 100
58 181.5 30.4 45.6#



#52
Toluene
Concen: 0.285 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX039750.D
Acq: 15 Jan 2024 12:51

Tgt Ion: 92 Resp: 1073
Ion Ratio Lower Upper
92 100
91 182.3 134.2 201.2

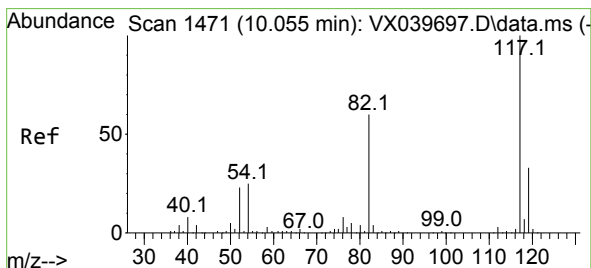
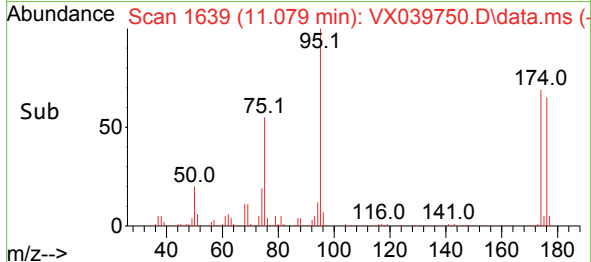
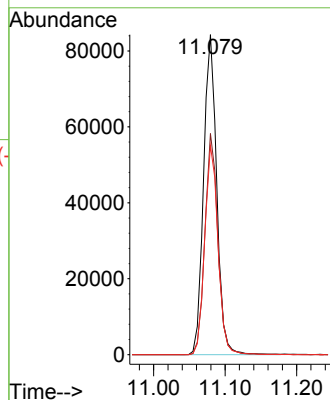
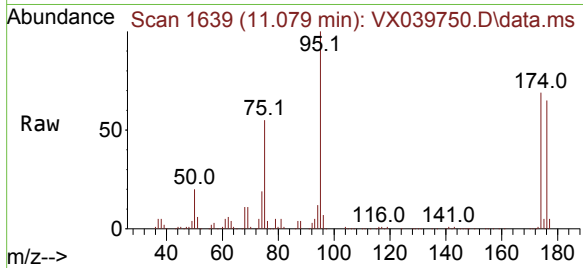




#62
4-Bromofluorobenzene
Concen: 51.059 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039750.D
Acq: 15 Jan 2024 12:51

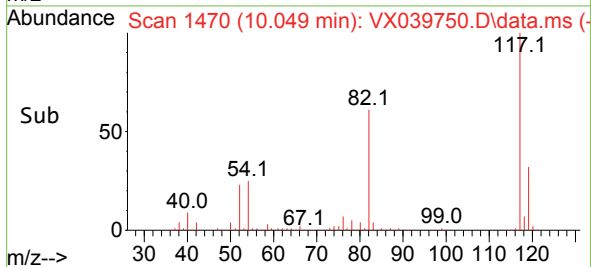
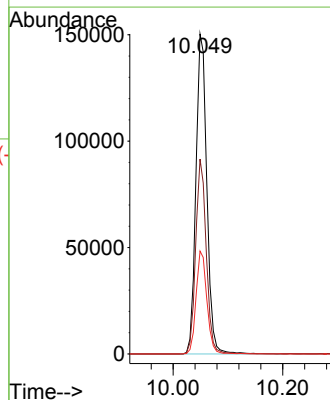
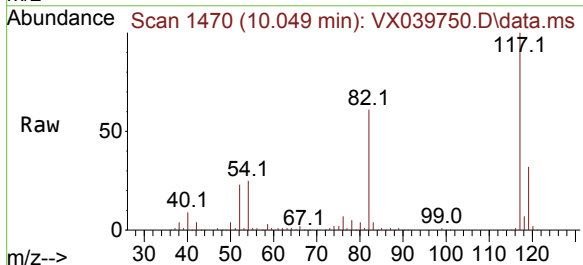
Instrument :
MSVOA_X
ClientSampleId :

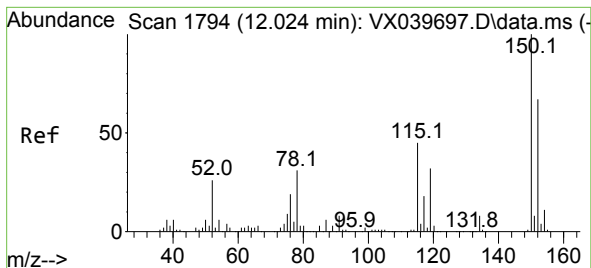
Tgt Ion: 95 Resp: 107588
Ion Ratio Lower Upper
95 100
174 68.5 0.0 135.6
176 66.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX039750.D
Acq: 15 Jan 2024 12:51

Tgt Ion: 117 Resp: 209156
Ion Ratio Lower Upper
117 100
82 60.9 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# 1

Delta R.T. -0.006 min

Lab File: VX039750.D

Acq: 15 Jan 2024 12:51

Instrument :

MSVOA_X

ClientSampleId :

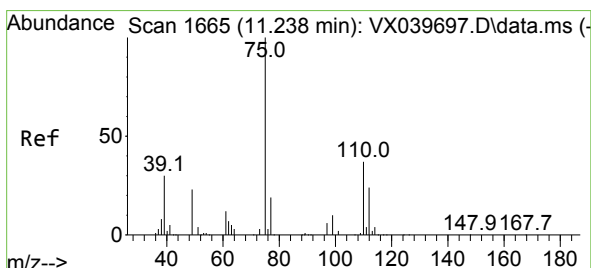
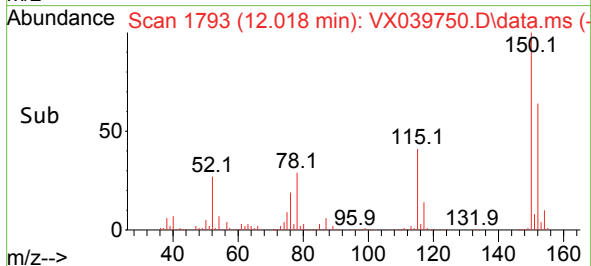
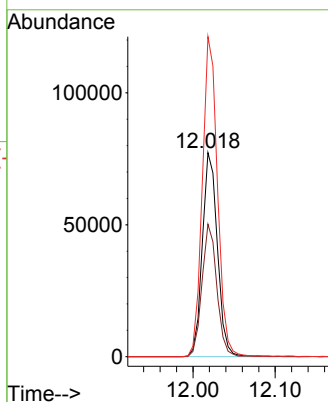
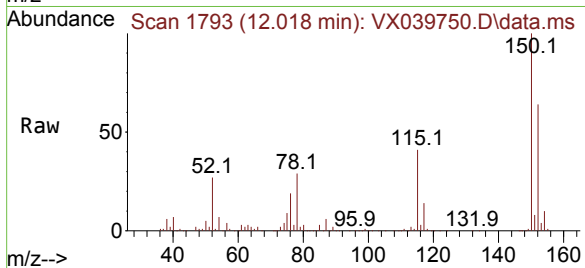
Tgt Ion:152 Resp: 98701

Ion Ratio Lower Upper

152 100

115 64.2 43.3 129.9

150 157.4 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.719 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039750.D

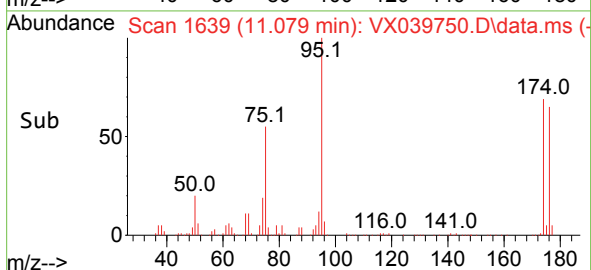
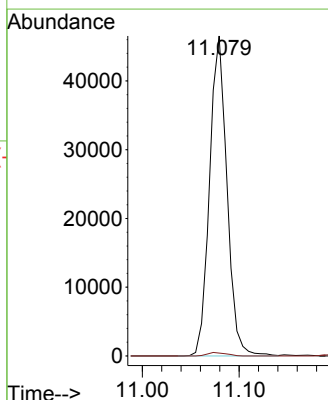
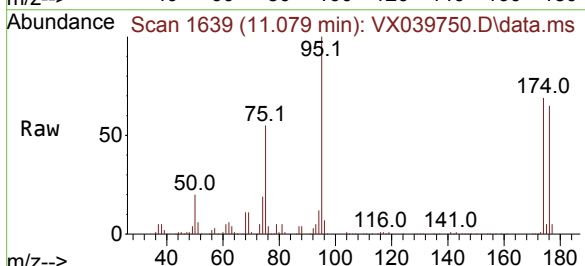
Acq: 15 Jan 2024 12:51

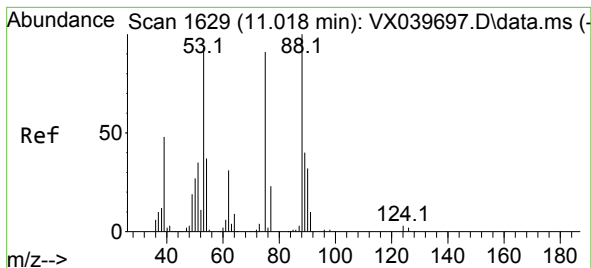
Tgt Ion: 75 Resp: 58136

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#

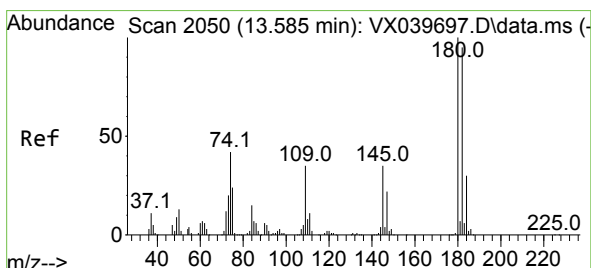
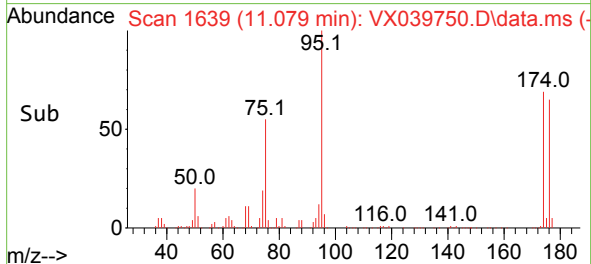
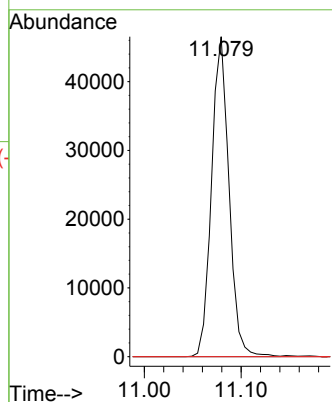
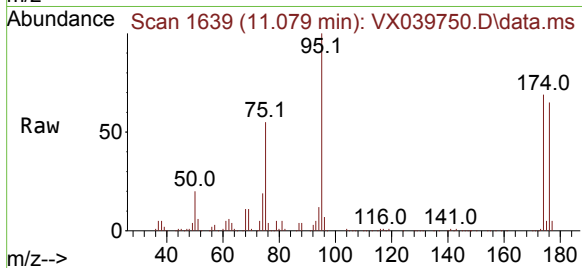




#81
trans-1,4-Dichloro-2-butene
Concen: 65.696 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX039750.D
Acq: 15 Jan 2024 12:51

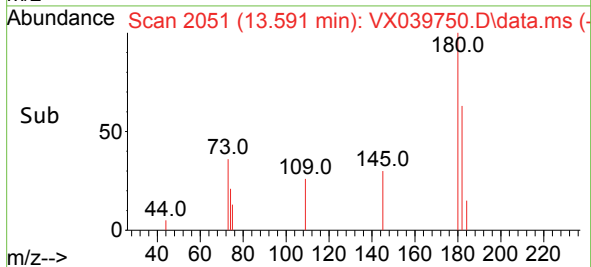
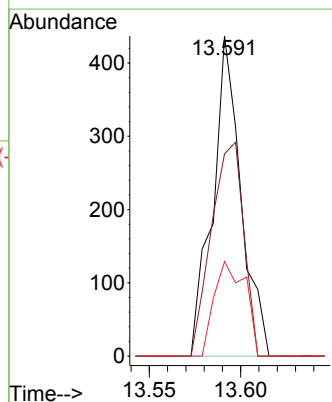
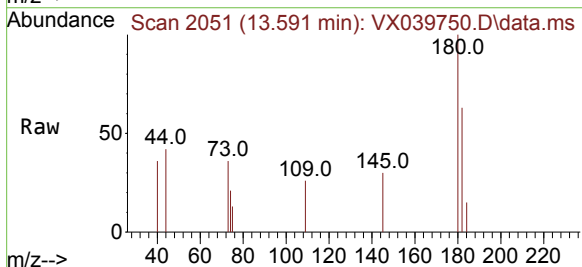
Instrument :
MSVOA_X
ClientSampleId :

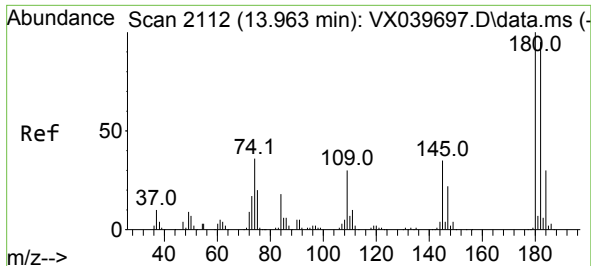
Tgt Ion: 75 Resp: 58136
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.232 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX039750.D
Acq: 15 Jan 2024 12:51

Tgt Ion:180 Resp: 470
Ion Ratio Lower Upper
180 100
182 76.0 48.3 144.8
145 32.3 18.0 54.0





#96

1,2,3-Trichlorobenzene

Concen: 0.212 ug/l

RT: 13.963 min Scan# 21

Delta R.T. 0.000 min

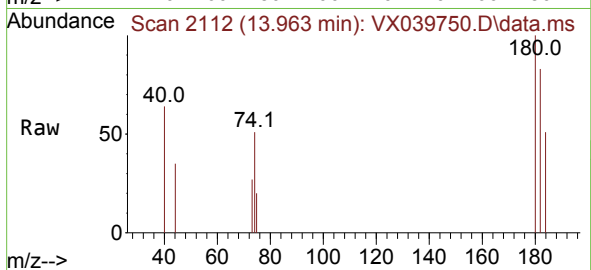
Lab File: VX039750.D

Acq: 15 Jan 2024 12:51

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:180 Resp: 434

Ion Ratio Lower Upper

180 100

182 79.5 46.9 140.6

145 7.8 17.8 53.5#

