

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010524\
 Data File : VX039642.D
 Acq On : 05 Jan 2024 12:33
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 05 22:20:59 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)

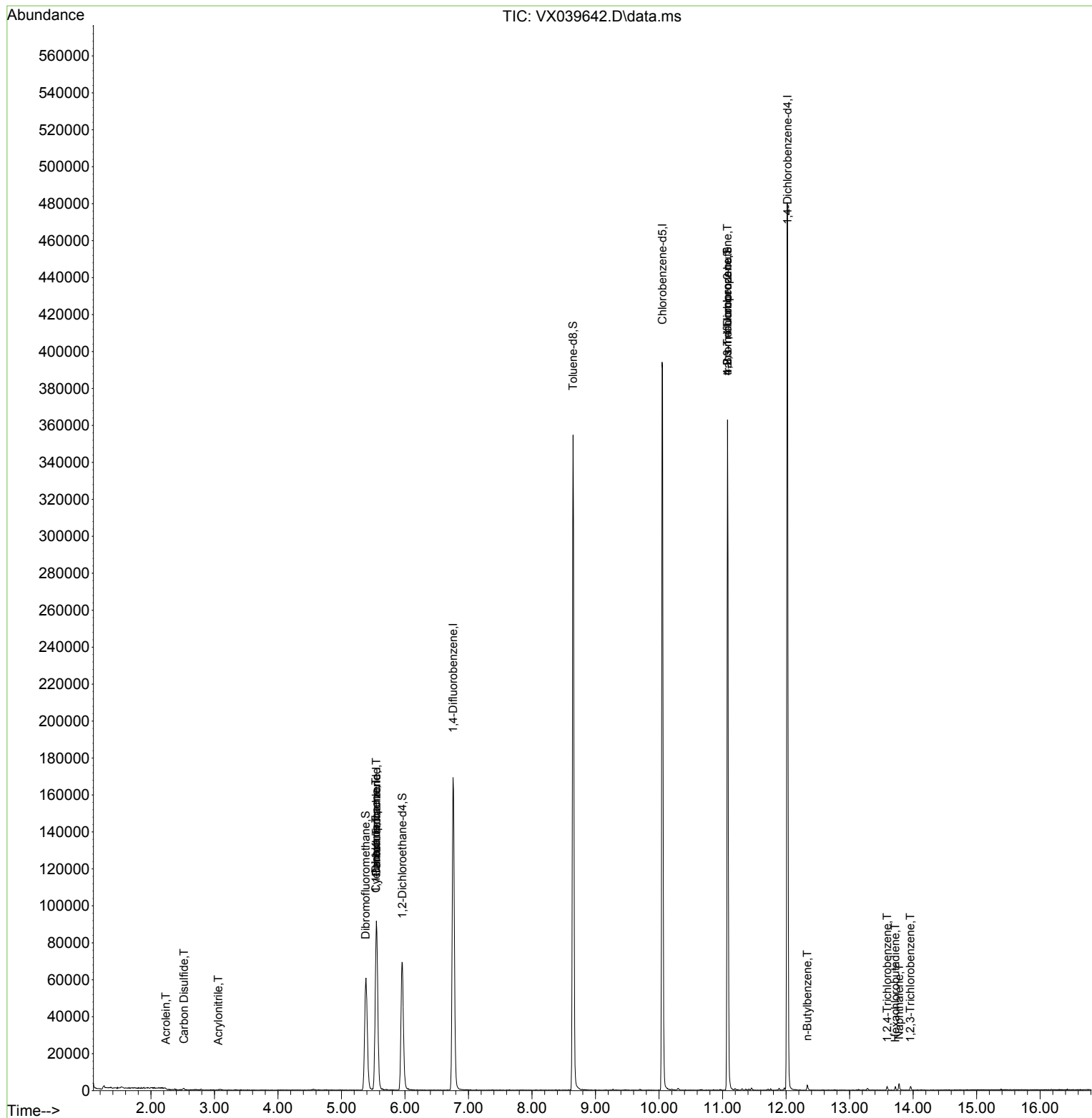
Internal Standards						
1) Pentafluorobenzene	5.550	168	79988	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	165123	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	175763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91021	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	66875	45.638	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.280%
35) Dibromofluoromethane	5.379	113	53721	47.093	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.180%
50) Toluene-d8	8.647	98	208266	49.177	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.360%
62) 4-Bromofluorobenzene	11.079	95	97198	55.625	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	111.260%
Target Compounds						Qvalue
13) Acrolein	2.233	56	172	0.586	ug/l	90
15) Acrylonitrile	3.062	53	240	0.326	ug/l #	60
16) Acetone	2.373	43	340	Below Cal	#	83
17) Carbon Disulfide	2.520	76	1095	0.364	ug/l #	93
31) Cyclohexane	5.543	56	2386	1.261	ug/l #	21
36) 1,1-Dichloropropene	5.543	75	7588	4.215	ug/l #	49
38) Carbon Tetrachloride	5.550	117	9194	5.352	ug/l #	14
76) 1,2,3-Trichloropropane	11.079	75	53243	22.610	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	53243	63.782	ug/l #	5
89) n-Butylbenzene	12.335	91	1227	0.205	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	577	0.302	ug/l	83
94) Hexachlorobutadiene	13.719	225	348	0.483	ug/l	94
95) Naphthalene	13.780	128	2508	0.377	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	636	0.345	ug/l	92

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010524\
Data File : VX039642.D
Acq On : 05 Jan 2024 12:33
Operator : JC/MD
Sample : IBLK
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

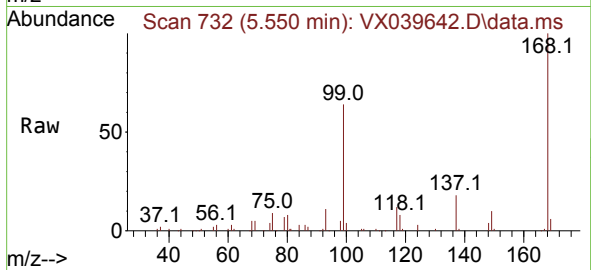
Quant Time: Jan 05 22:20:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 01:28:15 2023
Response via : Initial Calibration



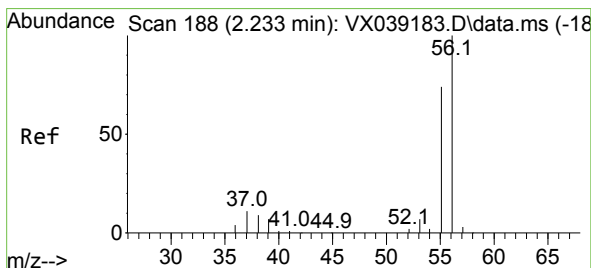
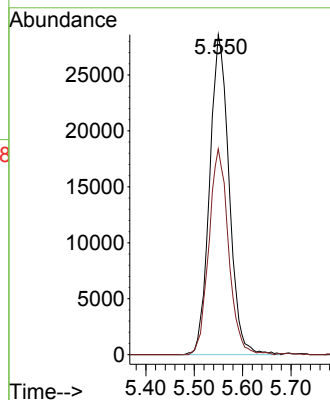
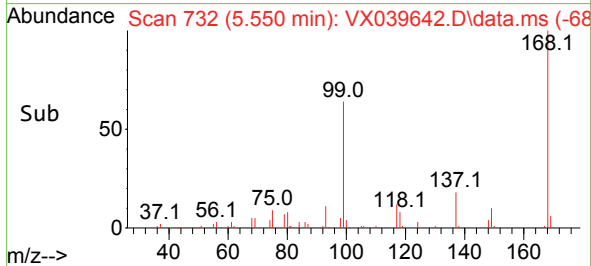


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039642.D
Acq: 05 Jan 2024 12:33

Instrument :
MSVOA_X
ClientSampleId :

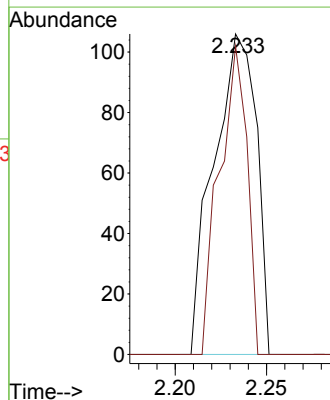
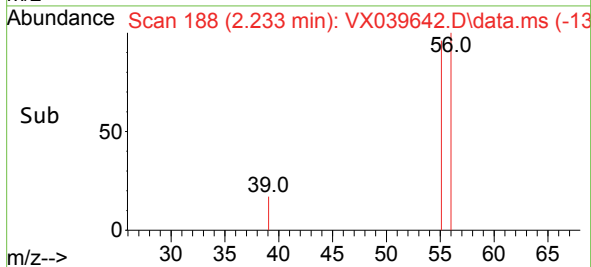
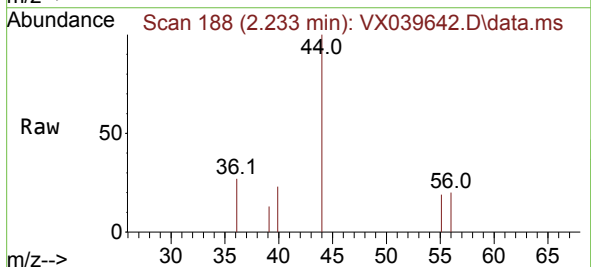


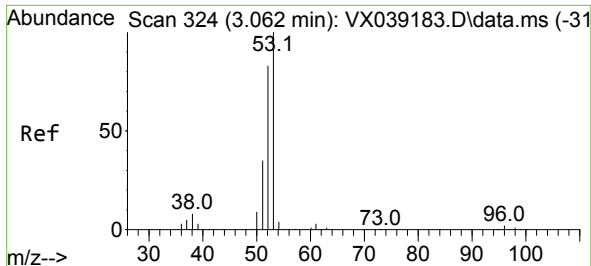
Tgt Ion:168 Resp: 79988
Ion Ratio Lower Upper
168 100
99 64.3 56.6 85.0



#13
Acrolein
Concen: 0.586 ug/l
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX039642.D
Acq: 05 Jan 2024 12:33

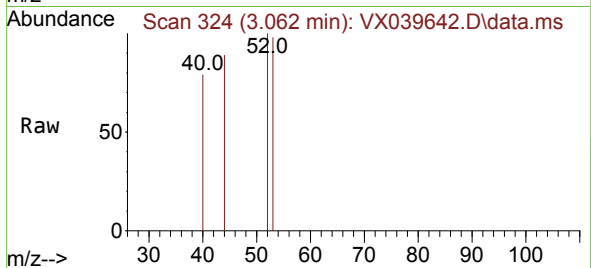
Tgt Ion: 56 Resp: 172
Ion Ratio Lower Upper
56 100
55 62.8 57.1 85.7



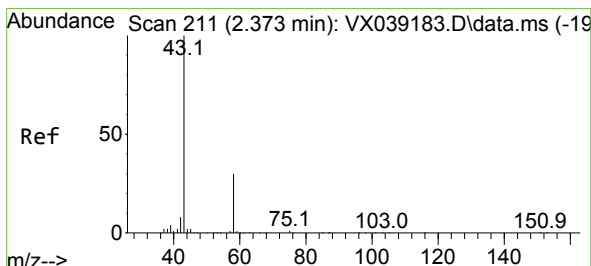
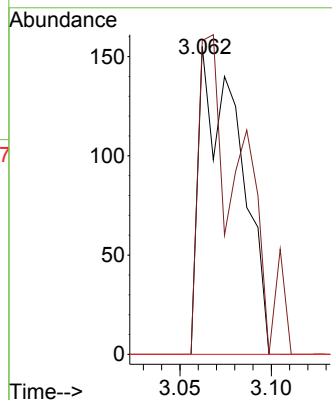
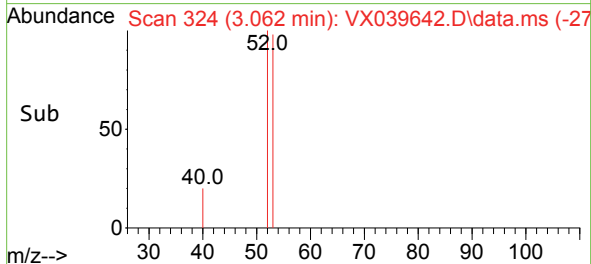


#15
Acrylonitrile
Concen: 0.326 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039642.D
Acq: 05 Jan 2024 12:33

Instrument :
MSVOA_X
ClientSampleId :

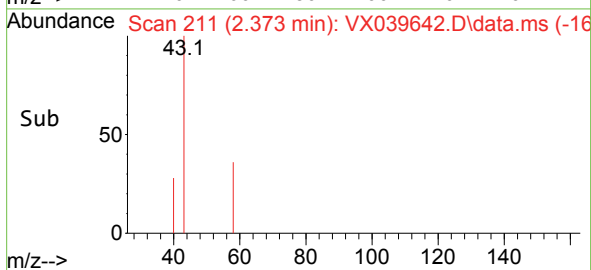
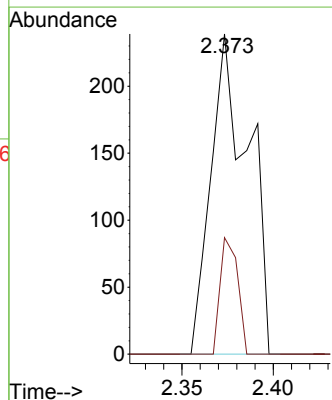
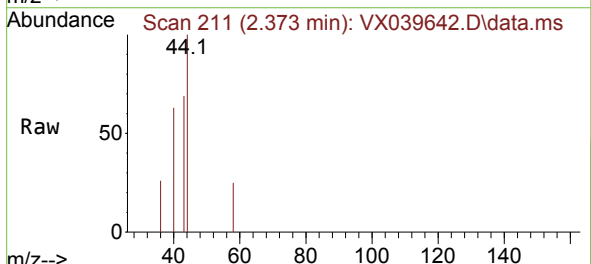


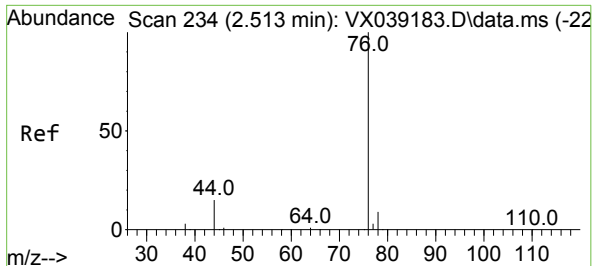
Tgt Ion:	53	Resp:	240
Ion	Ratio	Lower	Upper
53	100		
52	109.2	66.0	99.0#
51	0.0	29.8	44.6#



#16
Acetone
Concen: Below Cal
RT: 2.373 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039642.D
Acq: 05 Jan 2024 12:33

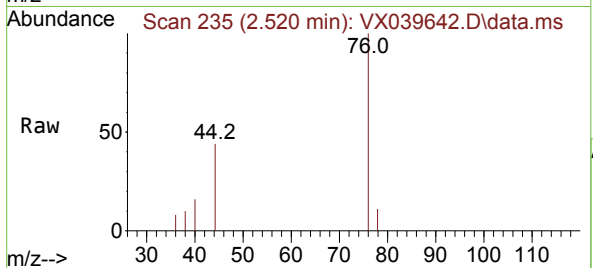
Tgt Ion:	43	Resp:	340
Ion	Ratio	Lower	Upper
43	100		
58	36.4	21.9	32.9#



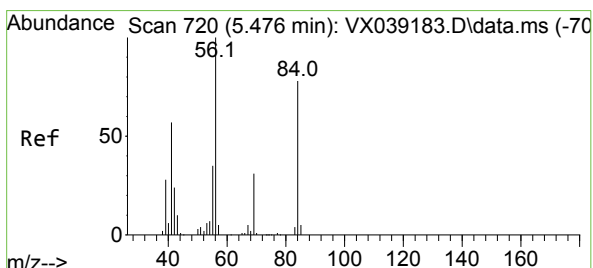
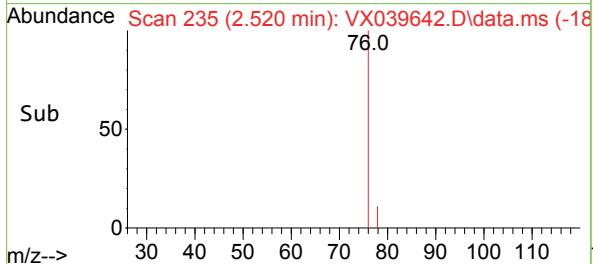
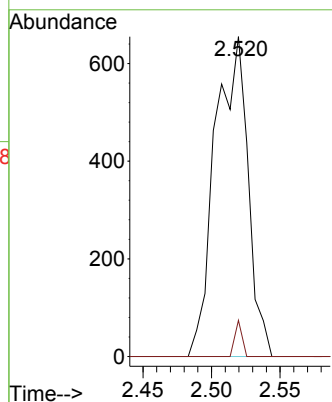


#17
Carbon Disulfide
Concen: 0.364 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX039642.D
Acq: 05 Jan 2024 12:33

Instrument :
MSVOA_X
ClientSampleId :

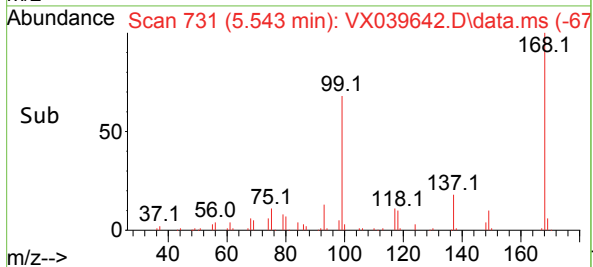
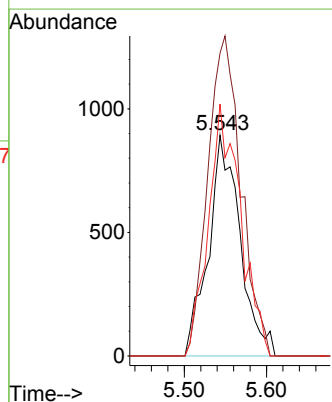
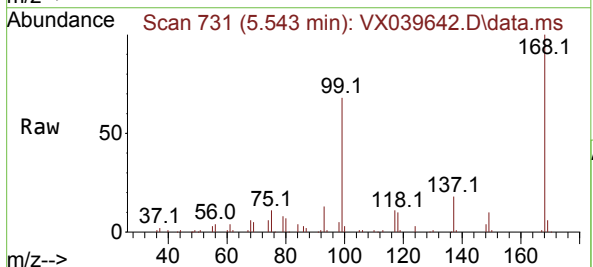


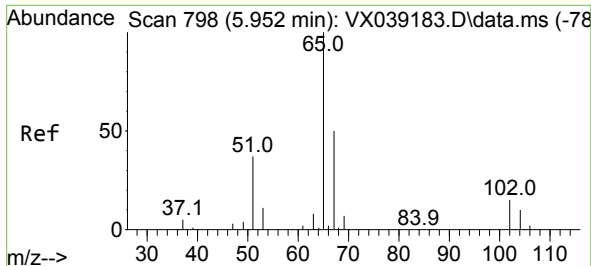
Tgt Ion: 76 Resp: 1095
Ion Ratio Lower Upper
76 100
78 11.3 7.0 10.6#



#31
Cyclohexane
Concen: 1.261 ug/l
RT: 5.543 min Scan# 731
Delta R.T. 0.067 min
Lab File: VX039642.D
Acq: 05 Jan 2024 12:33

Tgt Ion: 56 Resp: 2386
Ion Ratio Lower Upper
56 100
69 137.3 23.4 35.2#
84 114.1 65.9 98.9#

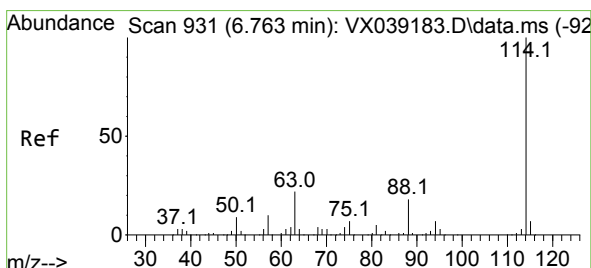
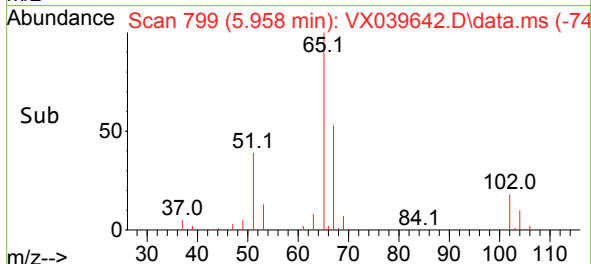
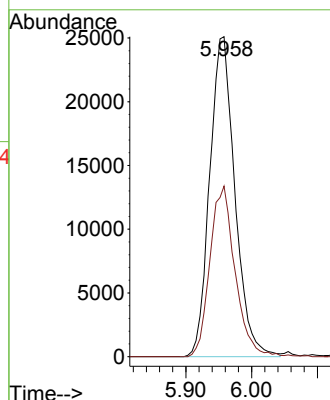
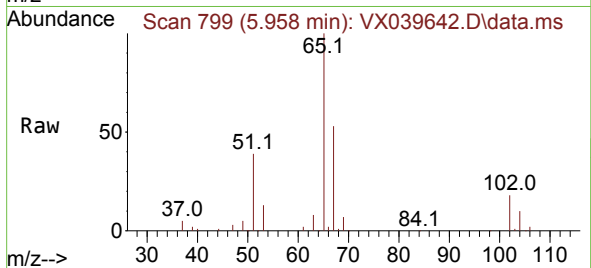




#33
 1,2-Dichloroethane-d4
 Concen: 45.638 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX039642.D
 Acq: 05 Jan 2024 12:33

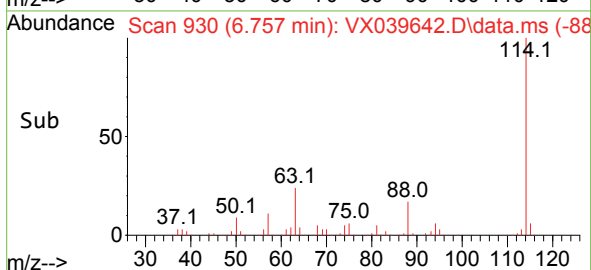
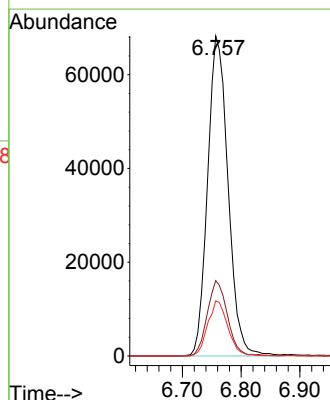
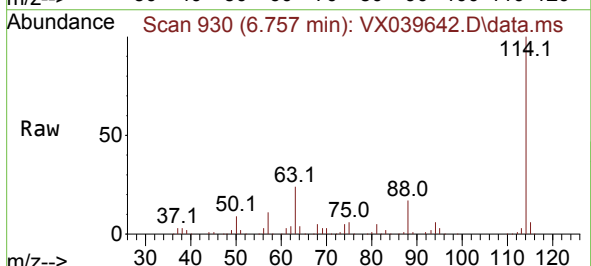
Instrument :
 MSVOA_X
 ClientSampleId :

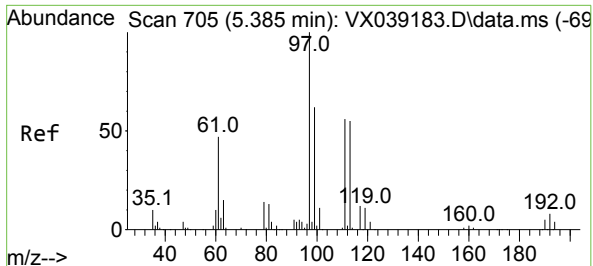
Tgt Ion: 65 Resp: 66875
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX039642.D
 Acq: 05 Jan 2024 12:33

Tgt Ion: 114 Resp: 165123
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 45.0
 88 17.2 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.093 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

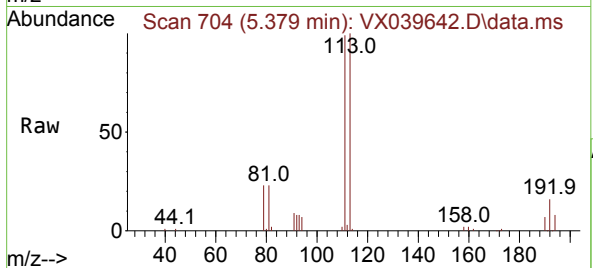
Lab File: VX039642.D

Acq: 05 Jan 2024 12:33

Instrument :

MSVOA_X

ClientSampleId :



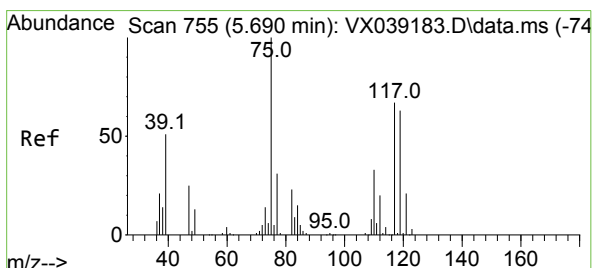
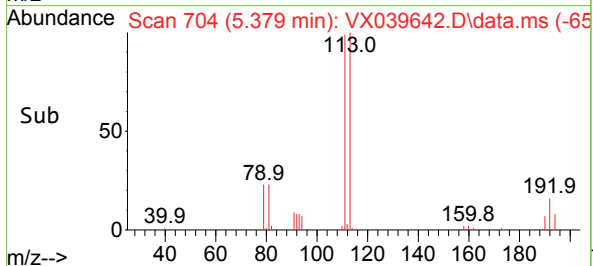
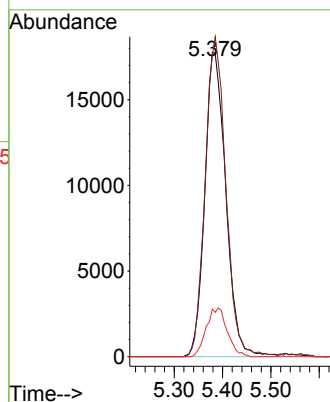
Tgt Ion:113 Resp: 53721

Ion Ratio Lower Upper

113 100

111 103.4 82.9 124.3

192 15.9 13.3 19.9



#36

1,1-Dichloropropene

Concen: 4.215 ug/l

RT: 5.543 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX039642.D

Acq: 05 Jan 2024 12:33

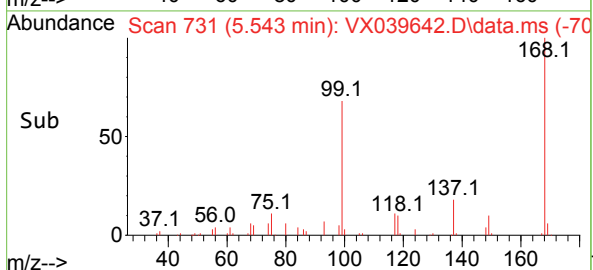
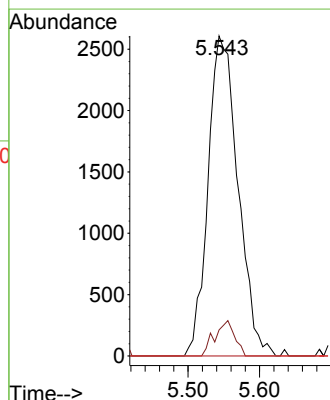
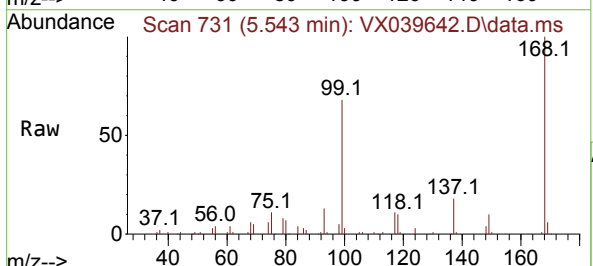
Tgt Ion: 75 Resp: 7588

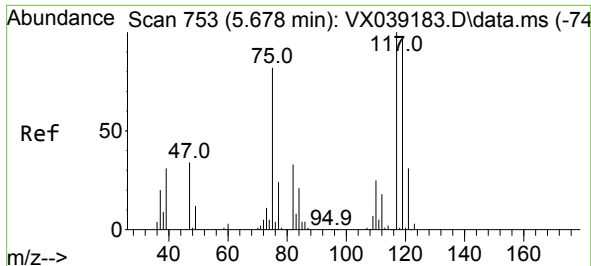
Ion Ratio Lower Upper

75 100

110 7.4 17.0 50.9#

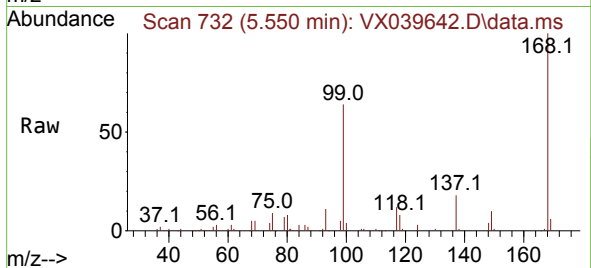
77 0.0 24.7 37.1#



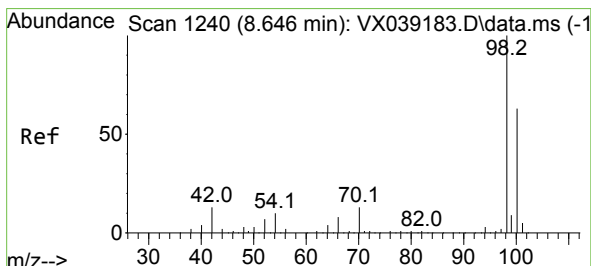
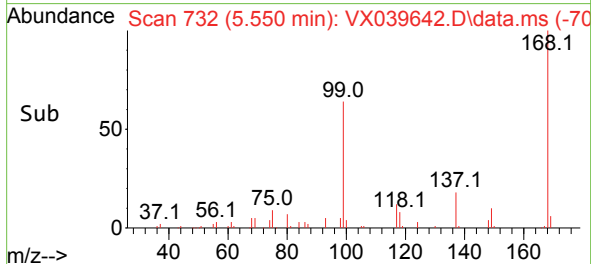
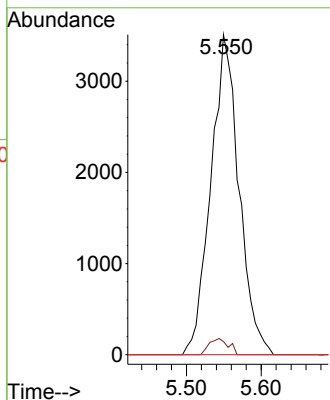


#38
Carbon Tetrachloride
Concen: 5.352 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX039642.D
Acq: 05 Jan 2024 12:33

Instrument :
MSVOA_X
ClientSampleId :

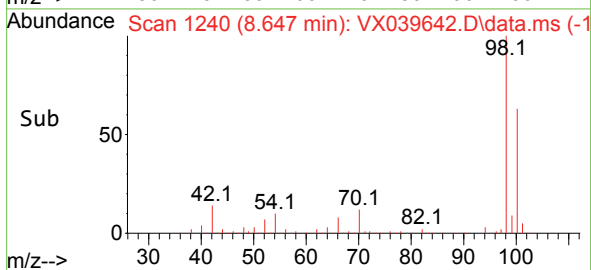
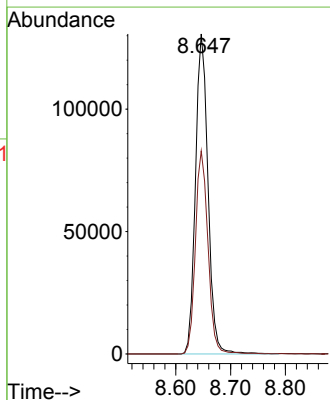
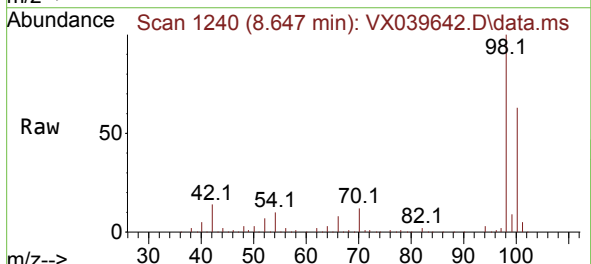


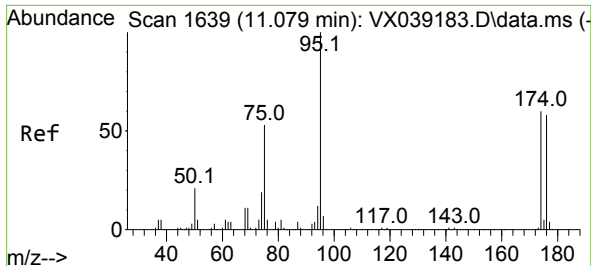
Tgt Ion:117 Resp: 9194
Ion Ratio Lower Upper
117 100
119 4.1 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.177 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039642.D
Acq: 05 Jan 2024 12:33

Tgt Ion: 98 Resp: 208266
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7

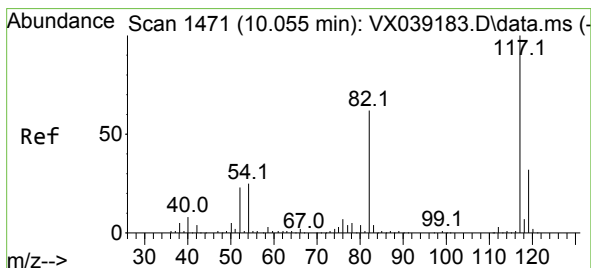
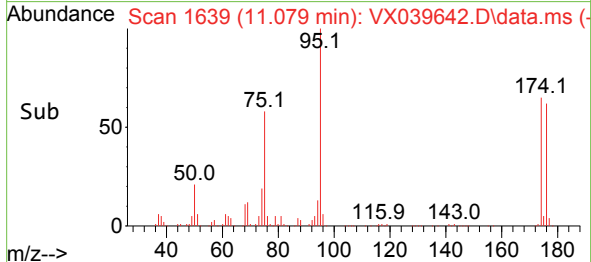
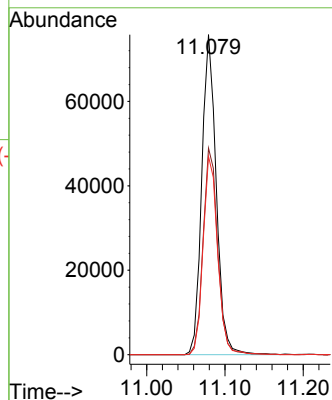
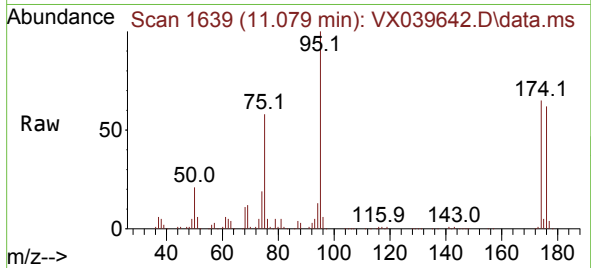




#62
4-Bromofluorobenzene
Concen: 55.625 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039642.D
Acq: 05 Jan 2024 12:33

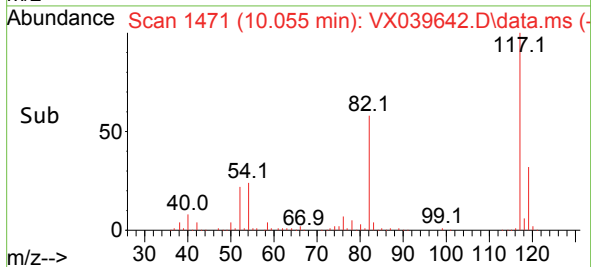
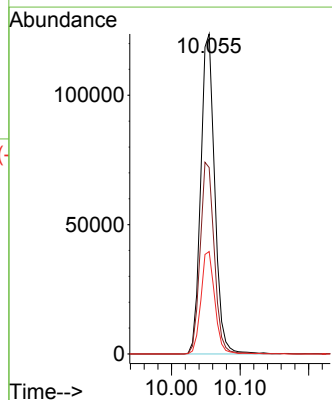
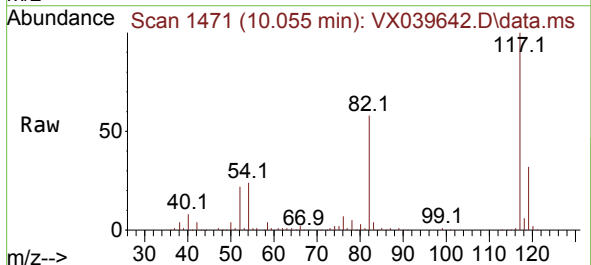
Instrument :
MSVOA_X
ClientSampleId :

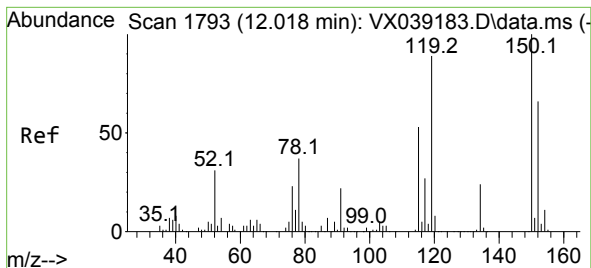
Tgt Ion: 95 Resp: 97198
Ion Ratio Lower Upper
95 100
174 65.2 0.0 135.6
176 62.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX039642.D
Acq: 05 Jan 2024 12:33

Tgt Ion: 117 Resp: 175763
Ion Ratio Lower Upper
117 100
82 58.3 46.2 69.4
119 32.0 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: VX039642.D

Acq: 05 Jan 2024 12:33

Instrument :

MSVOA_X

ClientSampleId :

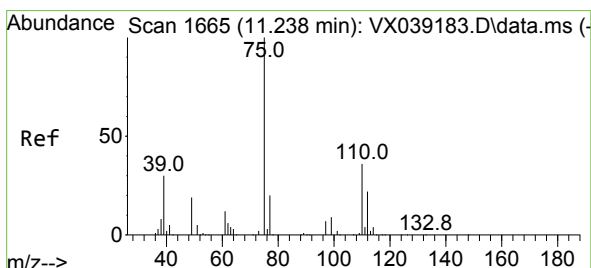
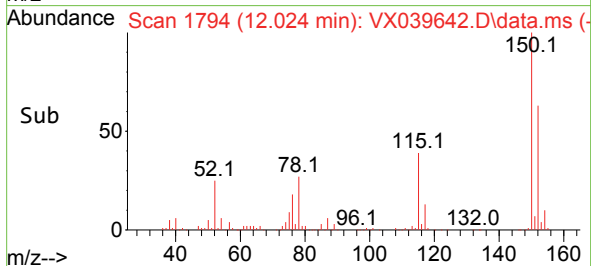
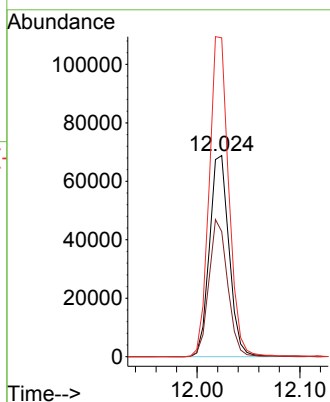
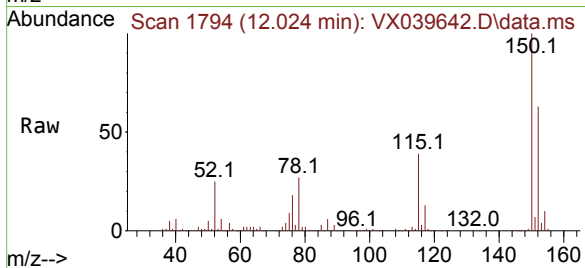
Tgt Ion:152 Resp: 91021

Ion Ratio Lower Upper

152 100

115 65.4 43.3 129.9

150 159.2 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.610 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039642.D

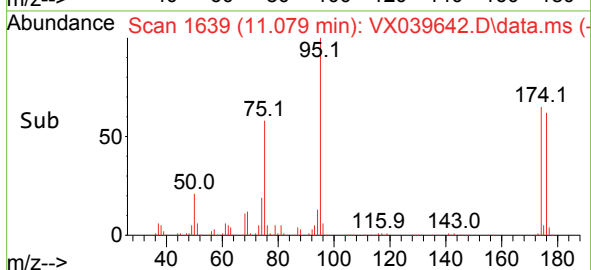
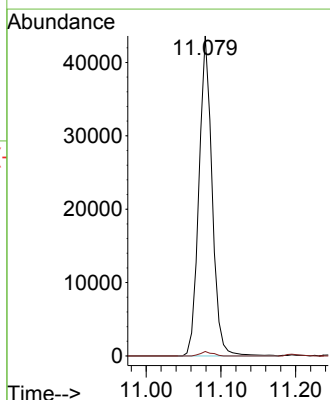
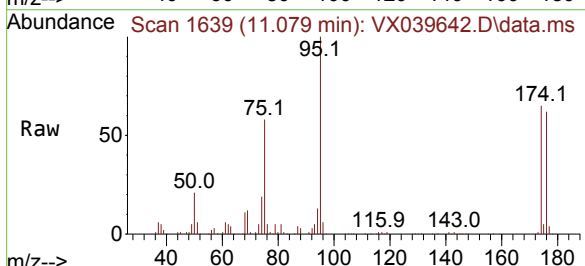
Acq: 05 Jan 2024 12:33

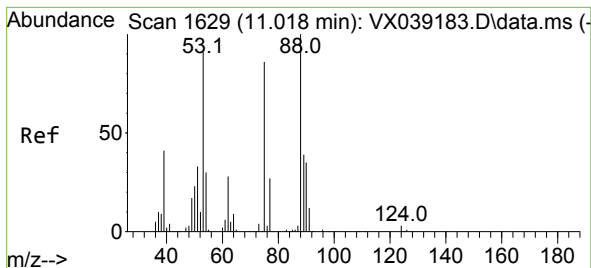
Tgt Ion: 75 Resp: 53243

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#

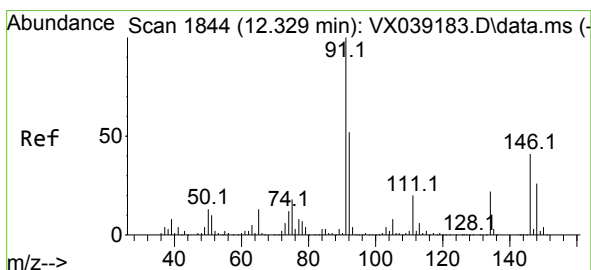
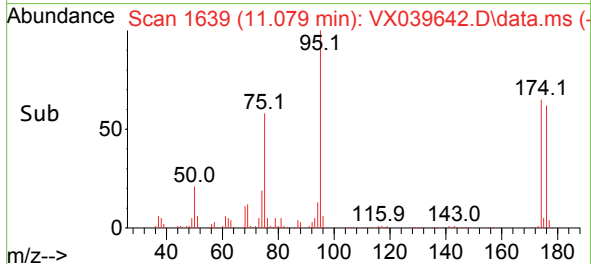
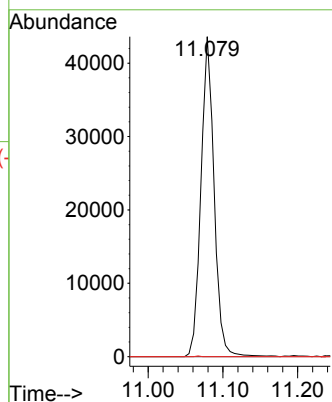
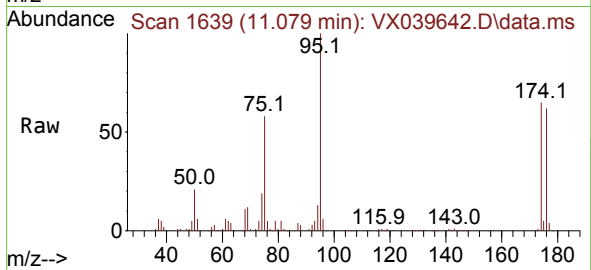




#81
trans-1,4-Dichloro-2-butene
Concen: 63.782 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX039642.D
Acq: 05 Jan 2024 12:33

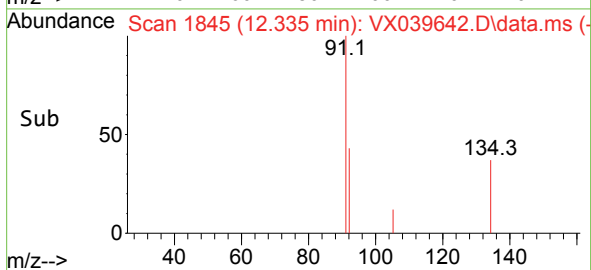
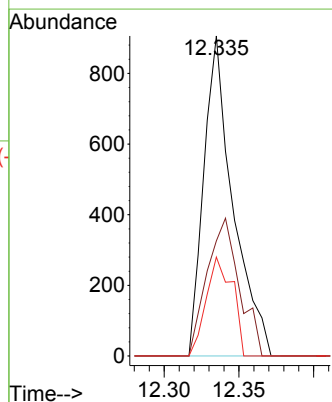
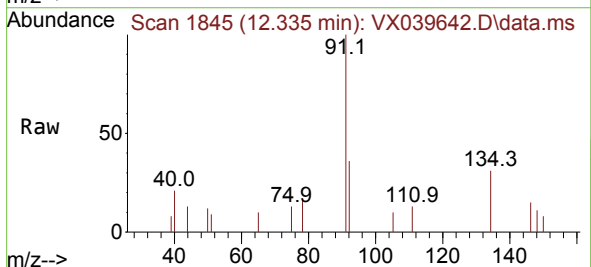
Instrument :
MSVOA_X
ClientSampleId :

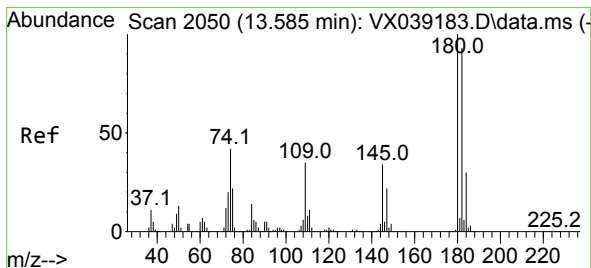
Tgt Ion: 75 Resp: 53243
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#



#89
n-Butylbenzene
Concen: 0.205 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX039642.D
Acq: 05 Jan 2024 12:33

Tgt Ion: 91 Resp: 1227
Ion Ratio Lower Upper
91 100
92 47.6 27.4 82.0
134 27.9 12.6 37.8





#93

1,2,4-Trichlorobenzene

Concen: 0.302 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX039642.D

Acq: 05 Jan 2024 12:33

Instrument :

MSVOA_X

ClientSampleId :

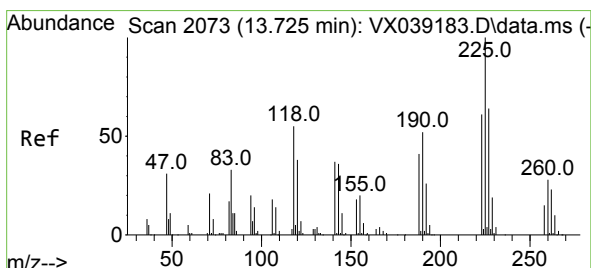
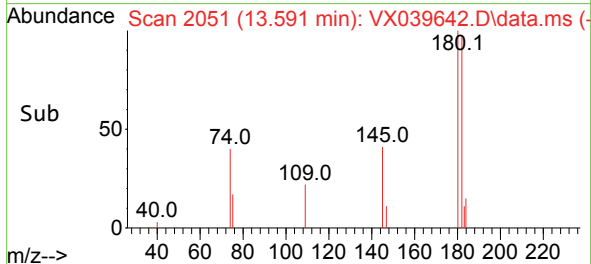
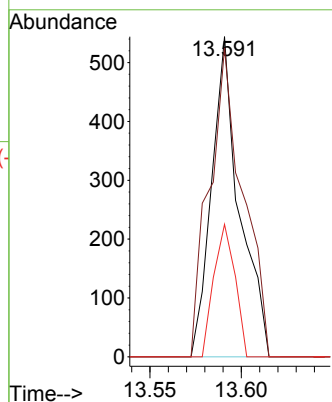
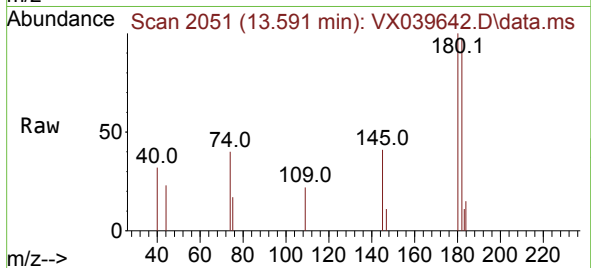
Tgt Ion:180 Resp: 577

Ion Ratio Lower Upper

180 100

182 116.6 48.3 144.8

145 31.4 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.483 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX039642.D

Acq: 05 Jan 2024 12:33

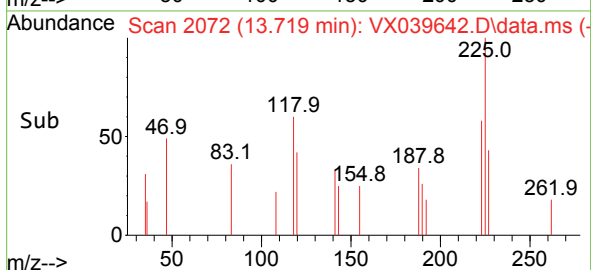
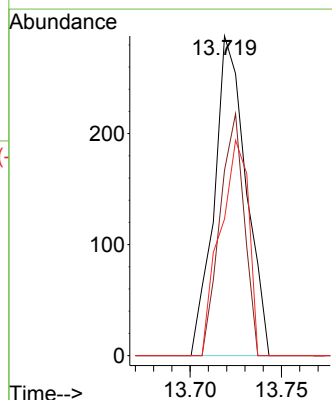
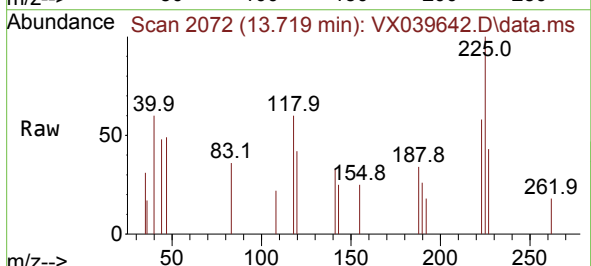
Tgt Ion:225 Resp: 348

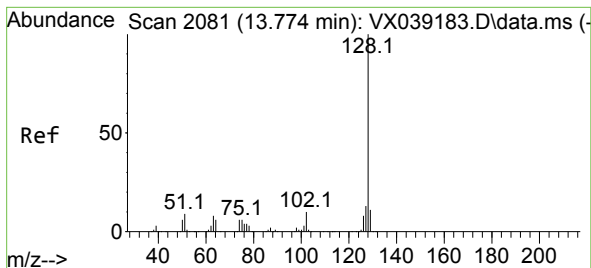
Ion Ratio Lower Upper

225 100

223 58.0 31.1 93.2

227 60.3 32.5 97.5





#95

Naphthalene

Concen: 0.377 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX039642.D

Acq: 05 Jan 2024 12:33

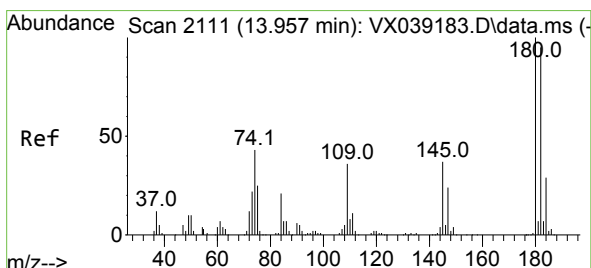
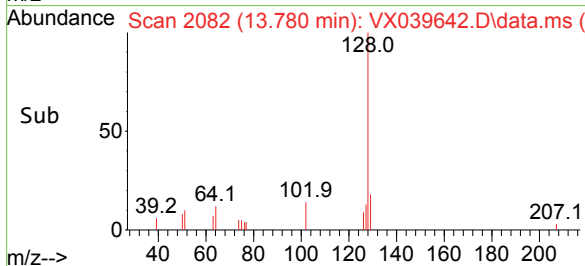
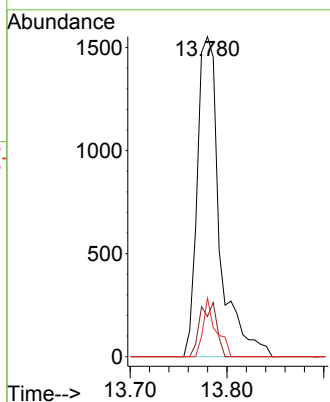
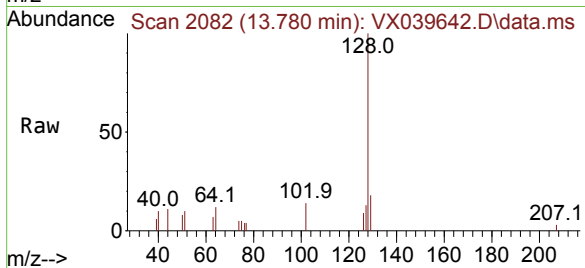
Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:128 Resp: 2508

Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.3	15.5
129	10.5	8.8	13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.345 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX039642.D

Acq: 05 Jan 2024 12:33

Tgt Ion:180 Resp: 636

Ion	Ratio	Lower	Upper
180	100		
182	87.9	46.9	140.6
145	28.3	17.8	53.5

