

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012224\
 Data File : VX039870.D
 Acq On : 22 Jan 2024 10:01
 Operator : JC/MD
 Sample : VX0124MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 23 00:11:44 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)

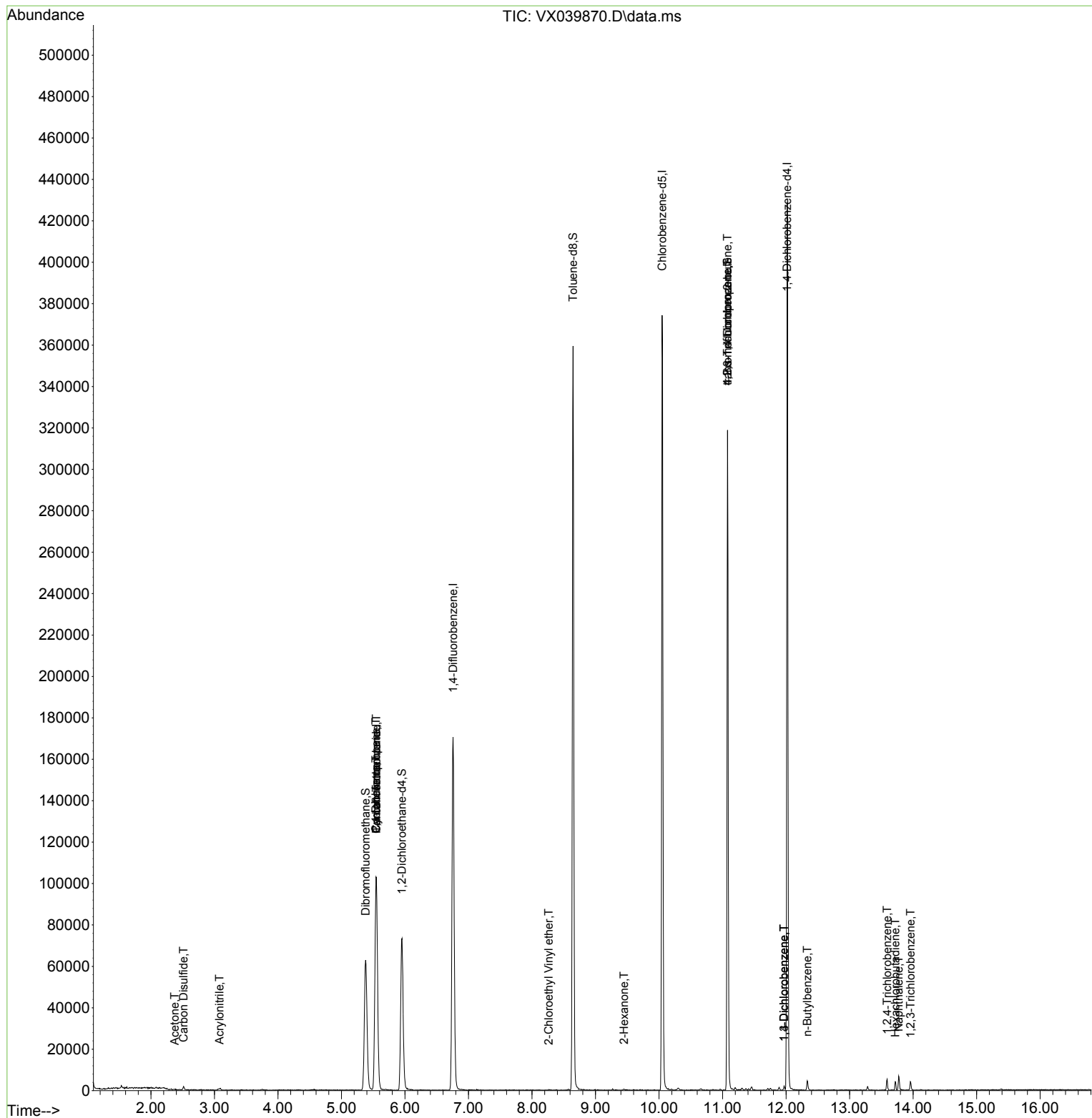
Internal Standards						
1) Pentafluorobenzene	5.550	168	92504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	168079	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	161641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	79123	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	72878	47.031	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.060%
35) Dibromofluoromethane	5.379	113	55575	49.091	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.180%
50) Toluene-d8	8.647	98	206034	48.255	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.500%
62) 4-Bromofluorobenzene	11.079	95	82399	49.351	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.700%
Target Compounds						
					Qvalue	
13) Acrolein	2.233	56	157	Below Cal		95
15) Acrylonitrile	3.081	53	559	0.671	ug/l	93
16) Acetone	2.373	43	347	0.398	ug/l #	47
17) Carbon Disulfide	2.514	76	1658	0.518	ug/l #	87
31) Cyclohexane	5.544	56	2610	1.276	ug/l #	29
36) 1,1-Dichloropropene	5.544	75	8893	5.047	ug/l #	50
38) Carbon Tetrachloride	5.550	117	10448	6.474	ug/l #	15
58) 2-Chloroethyl Vinyl ether	8.263	63	222	0.229	ug/l #	47
59) 2-Hexanone	9.451	43	548	0.292	ug/l #	61
76) 1,2,3-Trichloropropane	11.079	75	46393	22.616	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	46393	65.431	ug/l #	5
87) 1,3-Dichlorobenzene	11.969	146	805	0.299	ug/l	88
88) 1,4-Dichlorobenzene	11.969	146	805	0.290	ug/l	87
89) n-Butylbenzene	12.335	91	1817	0.355	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	1272	0.783	ug/l	92
94) Hexachlorobutadiene	13.719	225	558	0.826	ug/l	95
95) Naphthalene	13.774	128	4734	0.792	ug/l #	94
96) 1,2,3-Trichlorobenzene	13.963	180	1260	0.769	ug/l	92

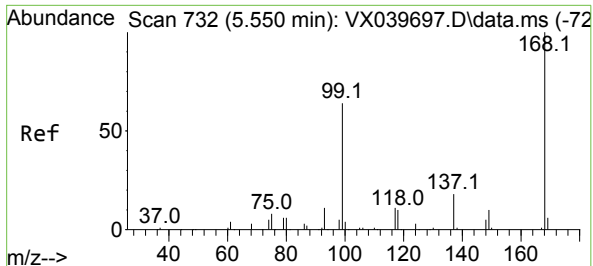
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

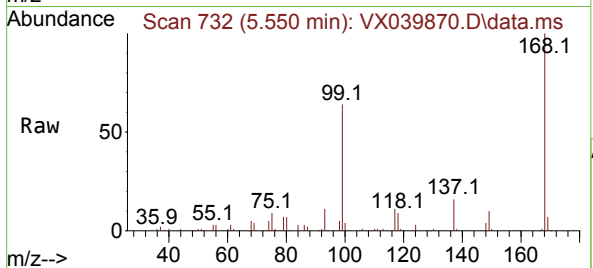
Quant Time: Jan 23 00:11:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration



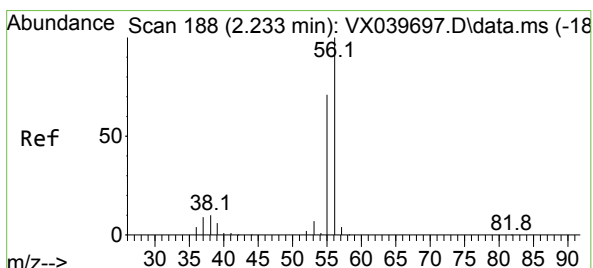
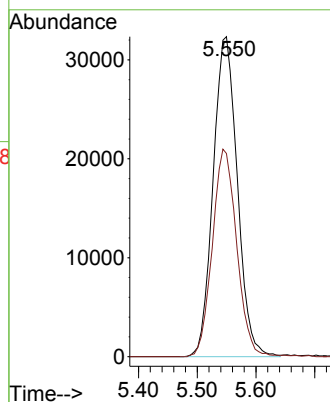
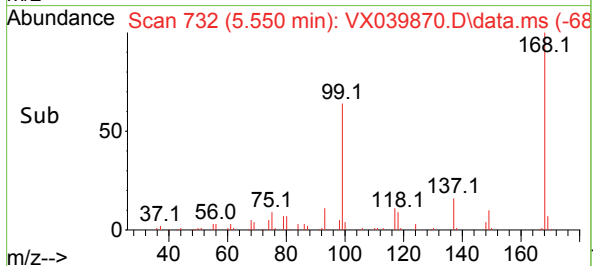


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039870.D
Acq: 22 Jan 2024 10:01

Instrument :
MSVOA_X
ClientSampleId :

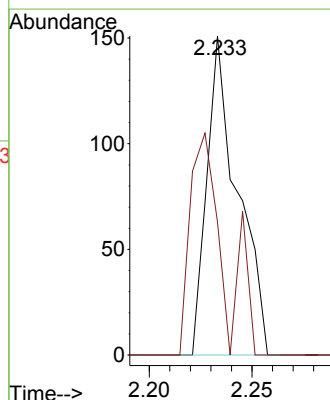
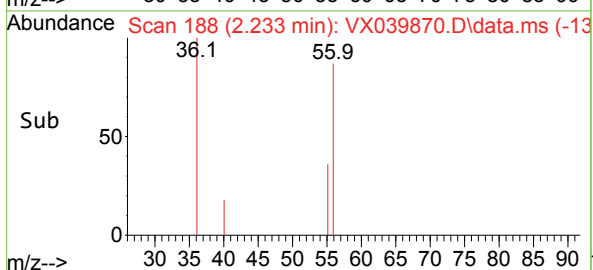
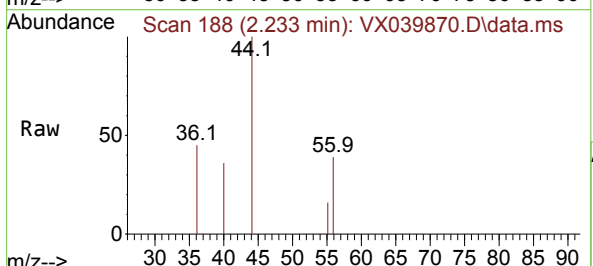


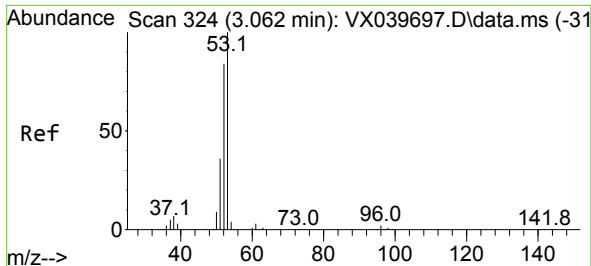
Tgt Ion:168 Resp: 92504
Ion Ratio Lower Upper
168 100
99 63.5 56.6 85.0



#13
Acrolein
Concen: Below Cal
RT: 2.233 min Scan# 188
Delta R.T. 0.000 min
Lab File: VX039870.D
Acq: 22 Jan 2024 10:01

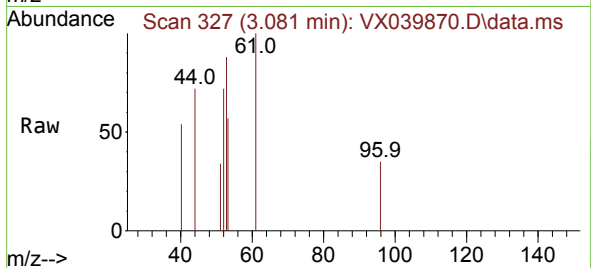
Tgt Ion: 56 Resp: 157
Ion Ratio Lower Upper
56 100
55 75.2 57.1 85.7



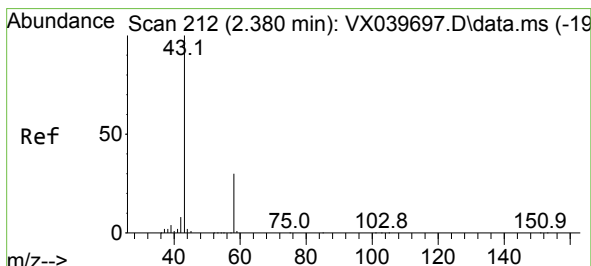
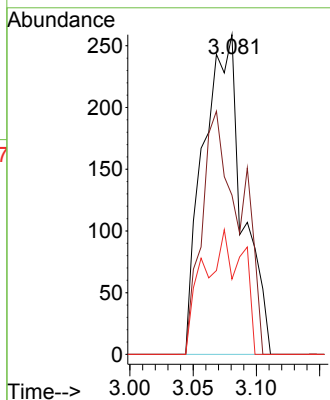
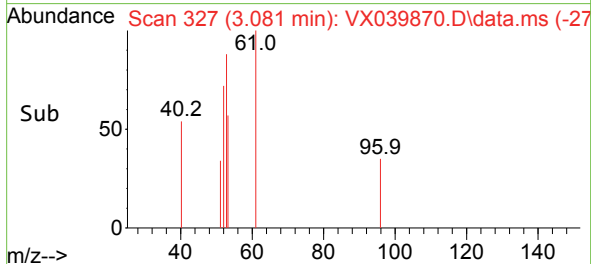


#15
Acrylonitrile
Concen: 0.671 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.018 min
Lab File: VX039870.D
Acq: 22 Jan 2024 10:01

Instrument :
MSVOA_X
ClientSampleId :

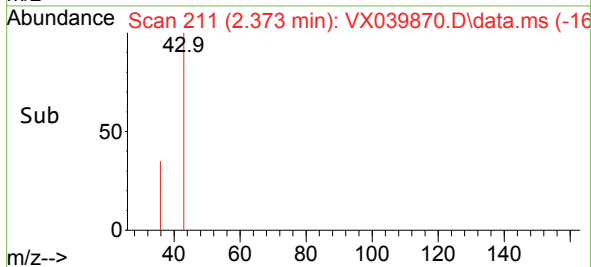
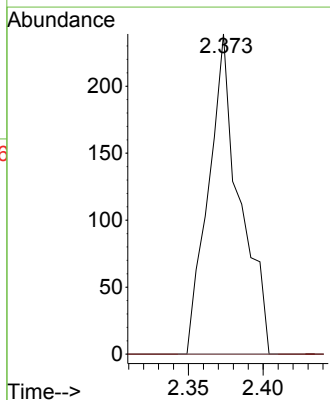
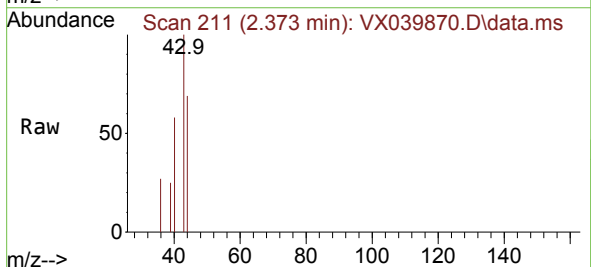


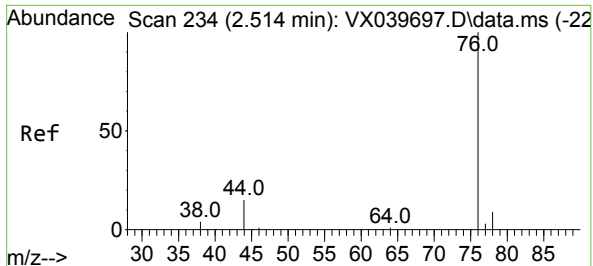
Tgt Ion: 53 Resp: 559
Ion Ratio Lower Upper
53 100
52 74.4 66.0 99.0
51 38.6 29.8 44.6



#16
Acetone
Concen: 0.398 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039870.D
Acq: 22 Jan 2024 10:01

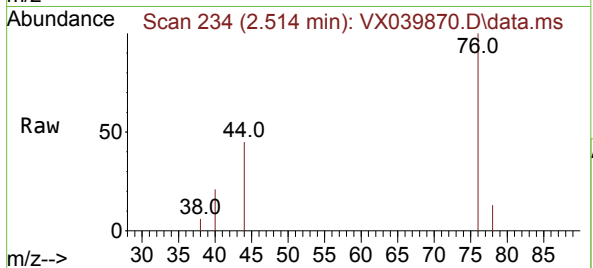
Tgt Ion: 43 Resp: 347
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#



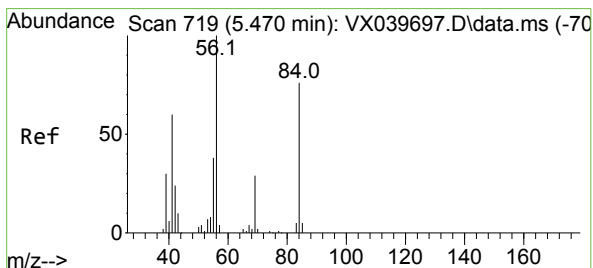
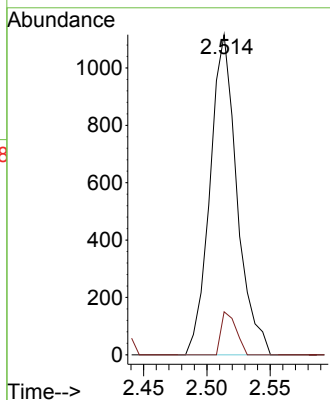
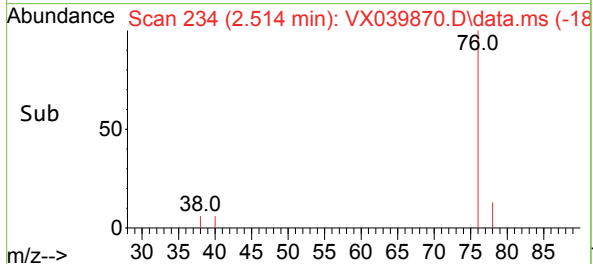


#17
Carbon Disulfide
Concen: 0.518 ug/l
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX039870.D
Acq: 22 Jan 2024 10:01

Instrument :
MSVOA_X
ClientSampleId :

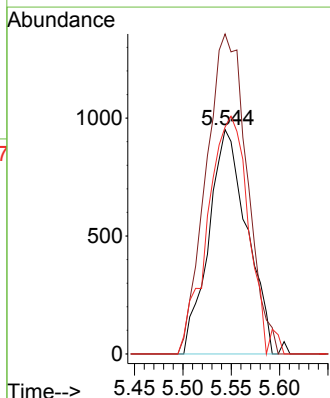
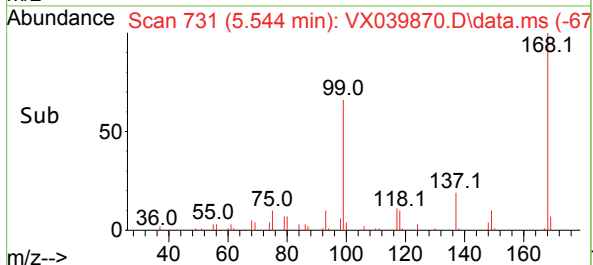
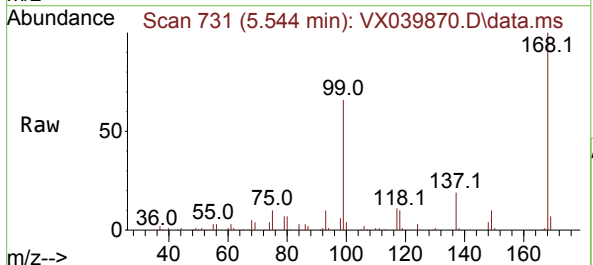


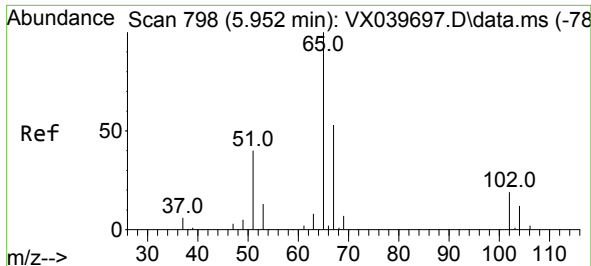
Tgt Ion: 76 Resp: 1658
Ion Ratio Lower Upper
76 100
78 13.4 7.0 10.6#



#31
Cyclohexane
Concen: 1.276 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.073 min
Lab File: VX039870.D
Acq: 22 Jan 2024 10:01

Tgt Ion: 56 Resp: 2610
Ion Ratio Lower Upper
56 100
69 142.7 23.4 35.2#
84 101.2 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 47.031 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX039870.D

Acq: 22 Jan 2024 10:01

Instrument :

MSVOA_X

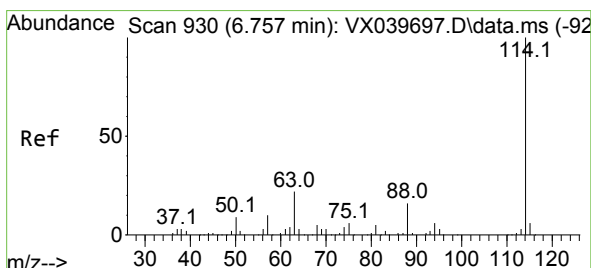
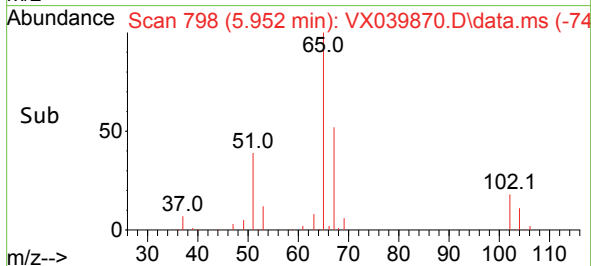
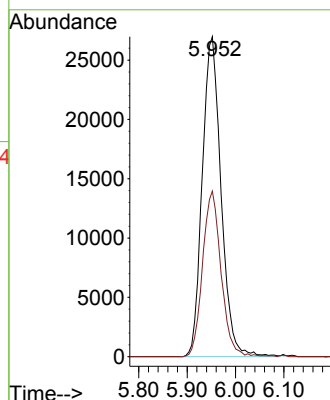
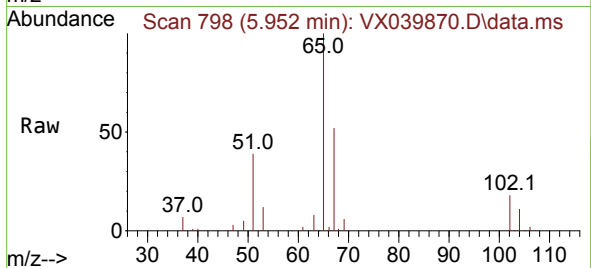
ClientSampleId :

Tgt Ion: 65 Resp: 72878

Ion Ratio Lower Upper

65 100

67 51.0 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: VX039870.D

Acq: 22 Jan 2024 10:01

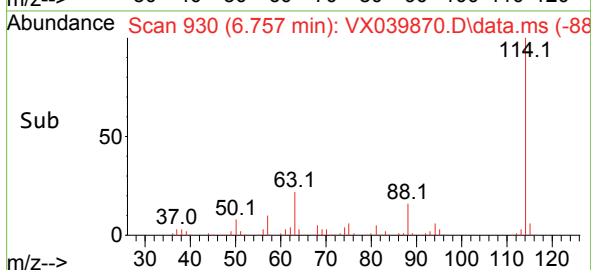
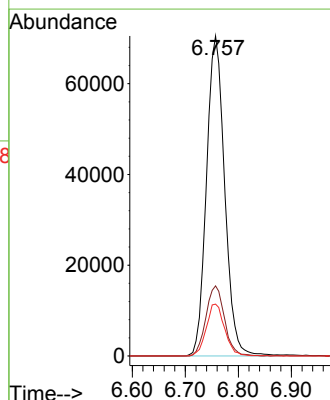
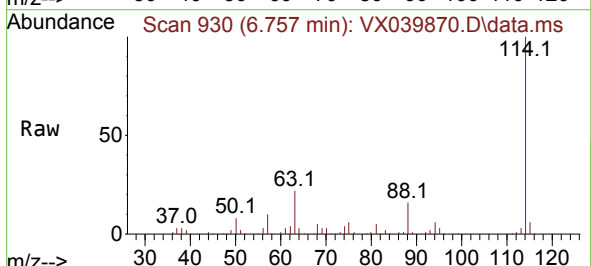
Tgt Ion:114 Resp: 168079

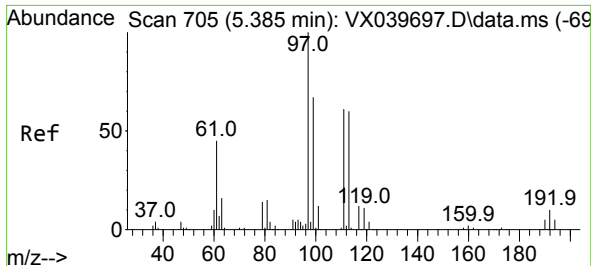
Ion Ratio Lower Upper

114 100

63 21.9 0.0 45.0

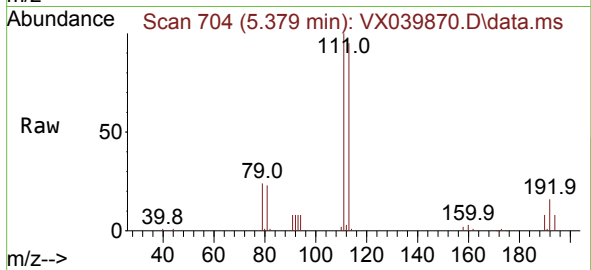
88 16.2 0.0 36.6



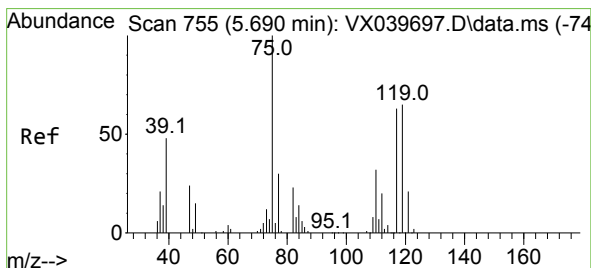
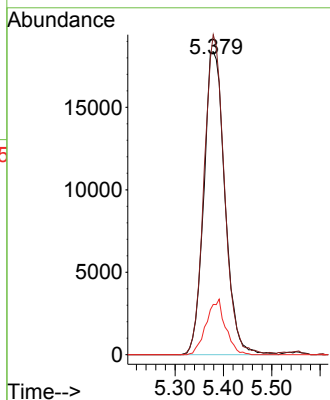
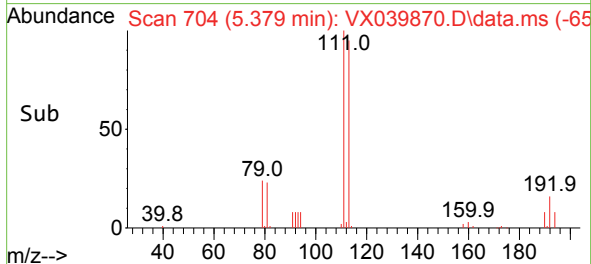


#35
Dibromofluoromethane
Concen: 49.091 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX039870.D
Acq: 22 Jan 2024 10:01

Instrument :
MSVOA_X
ClientSampleId :

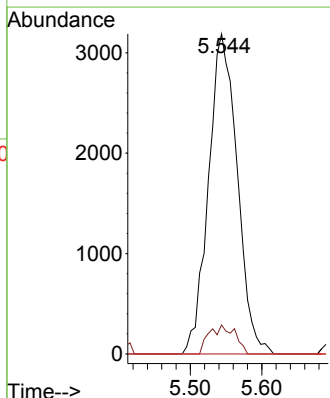
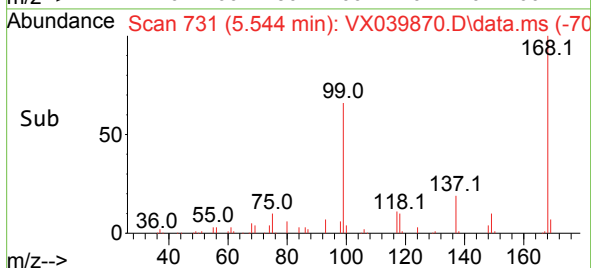
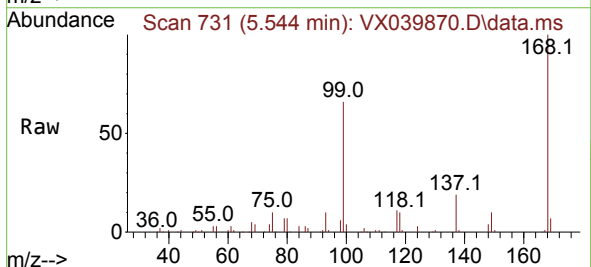


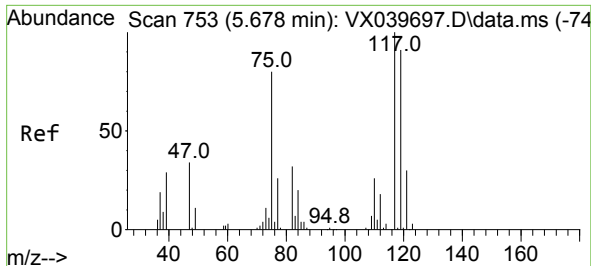
Tgt Ion:113 Resp: 55575
Ion Ratio Lower Upper
113 100
111 101.8 82.9 124.3
192 16.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.047 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX039870.D
Acq: 22 Jan 2024 10:01

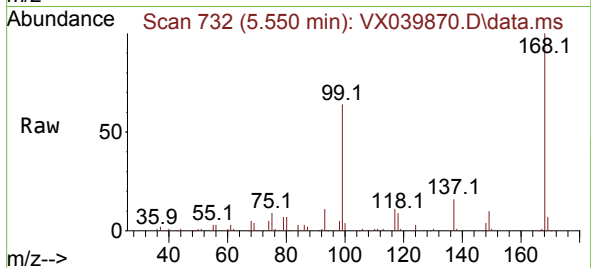
Tgt Ion: 75 Resp: 8893
Ion Ratio Lower Upper
75 100
110 8.1 17.0 50.9#
77 0.0 24.7 37.1#



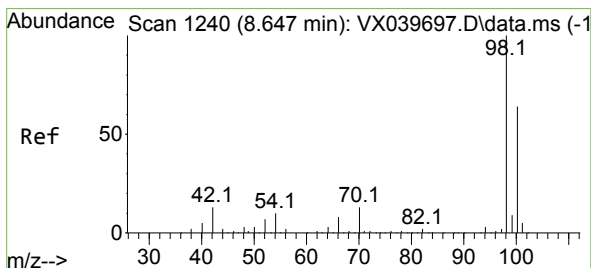
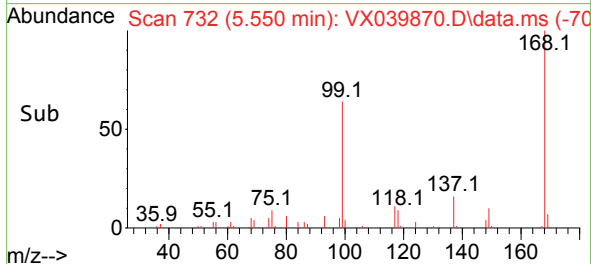
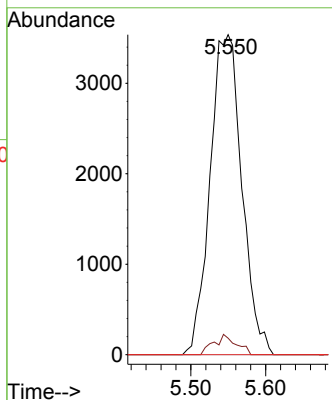


#38
Carbon Tetrachloride
Concen: 6.474 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX039870.D
Acq: 22 Jan 2024 10:01

Instrument :
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ClientSampleId :

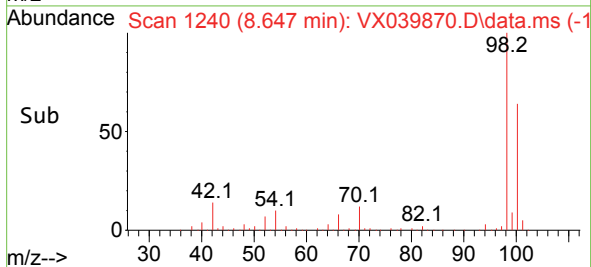
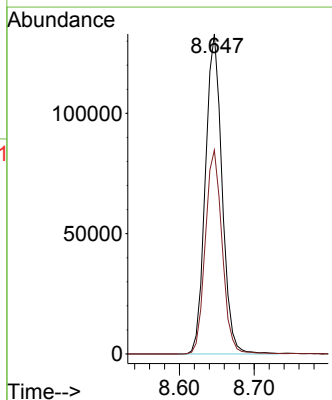
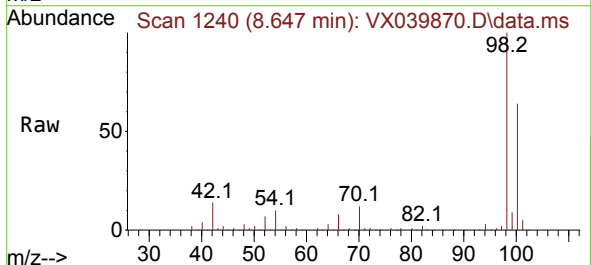


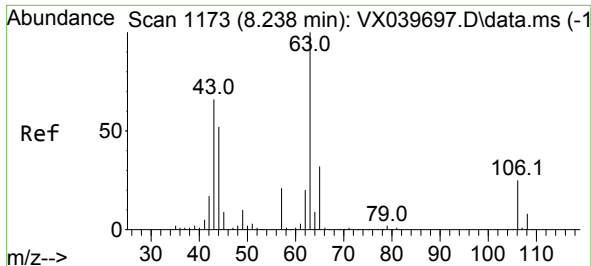
Tgt Ion:117 Resp: 10448
Ion Ratio Lower Upper
117 100
119 5.2 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.255 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039870.D
Acq: 22 Jan 2024 10:01

Tgt Ion: 98 Resp: 206034
Ion Ratio Lower Upper
98 100
100 64.3 53.1 79.7

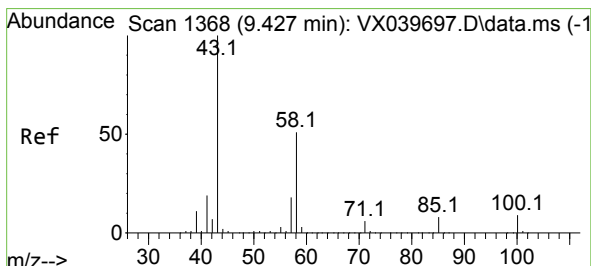
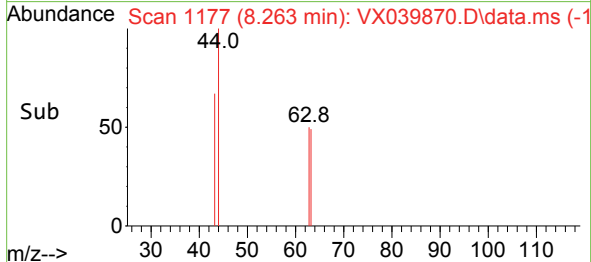
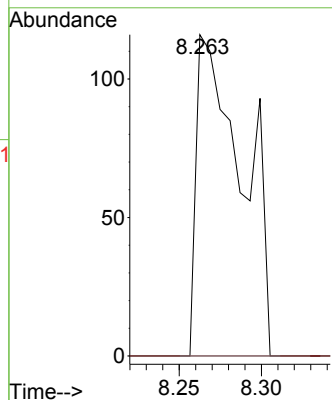
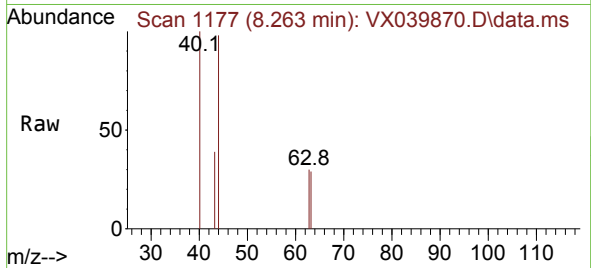




#58
2-Chloroethyl Vinyl ether
Concen: 0.229 ug/l
RT: 8.263 min Scan# 1177
Delta R.T. 0.024 min
Lab File: VX039870.D
Acq: 22 Jan 2024 10:01

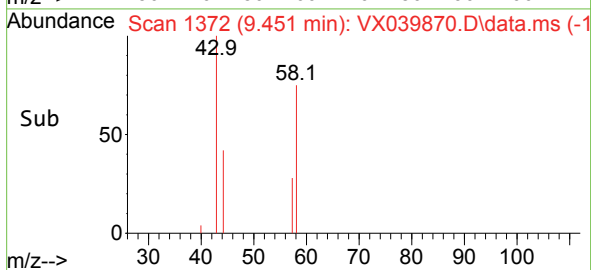
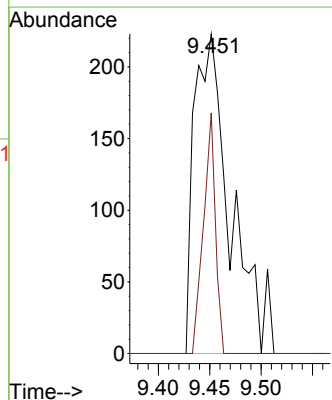
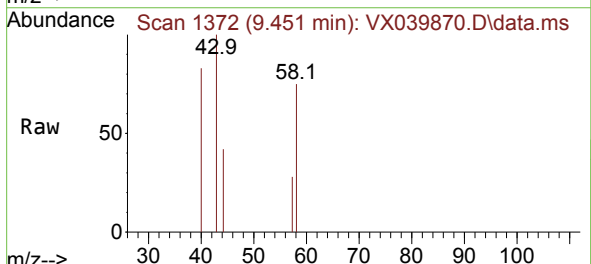
Instrument :
MSVOA_X
ClientSampleId :

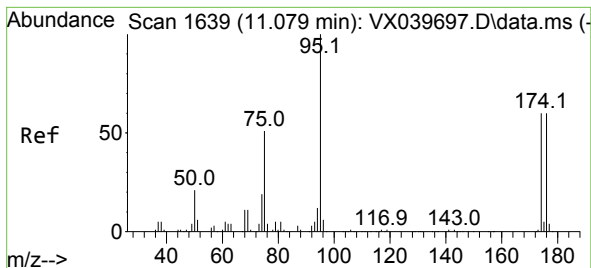
Tgt Ion: 63 Resp: 222
Ion Ratio Lower Upper
63 100
106 0.0 22.5 33.7#



#59
2-Hexanone
Concen: 0.292 ug/l
RT: 9.451 min Scan# 1372
Delta R.T. 0.024 min
Lab File: VX039870.D
Acq: 22 Jan 2024 10:01

Tgt Ion: 43 Resp: 548
Ion Ratio Lower Upper
43 100
58 25.0 26.2 78.5#

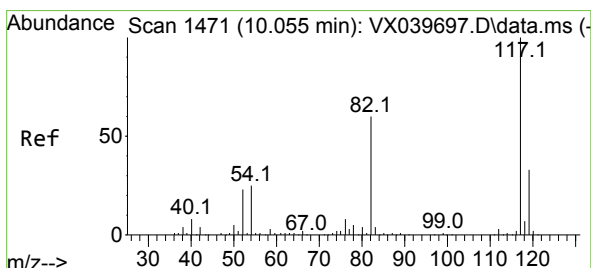
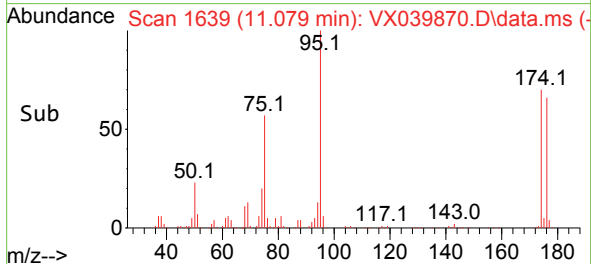
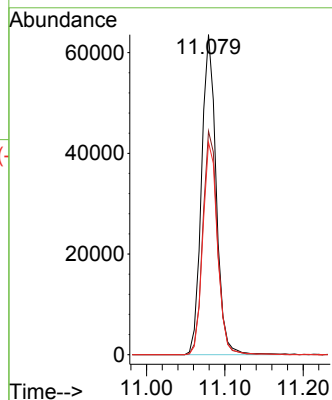
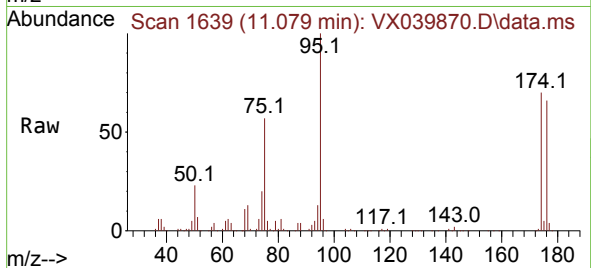




#62
4-Bromofluorobenzene
Concen: 49.351 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039870.D
Acq: 22 Jan 2024 10:01

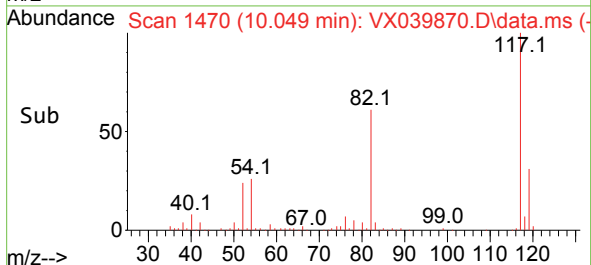
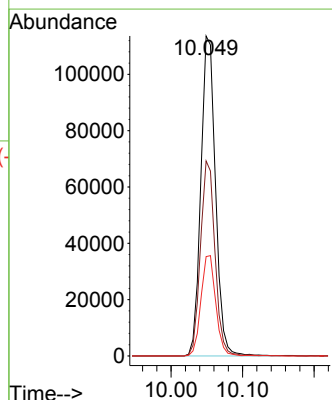
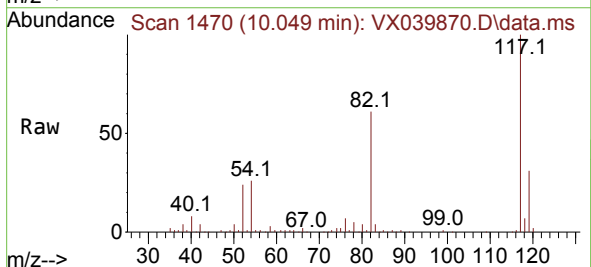
Instrument :
MSVOA_X
ClientSampleId :

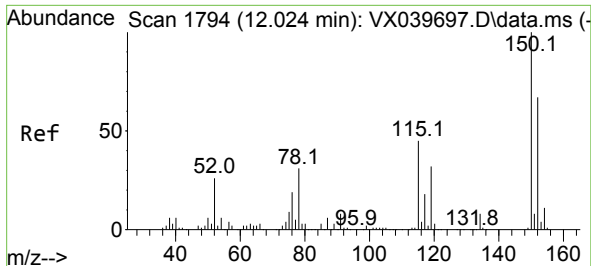
Tgt Ion: 95 Resp: 82399
Ion Ratio Lower Upper
95 100
174 69.8 0.0 135.6
176 66.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX039870.D
Acq: 22 Jan 2024 10:01

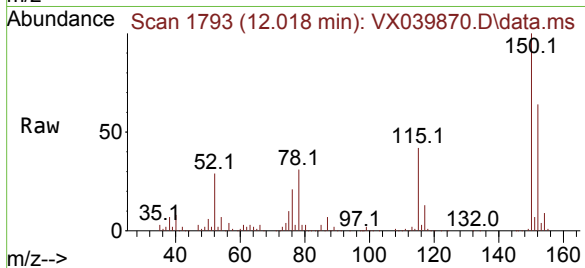
Tgt Ion: 117 Resp: 161641
Ion Ratio Lower Upper
117 100
82 60.9 46.2 69.4
119 31.1 25.5 38.3



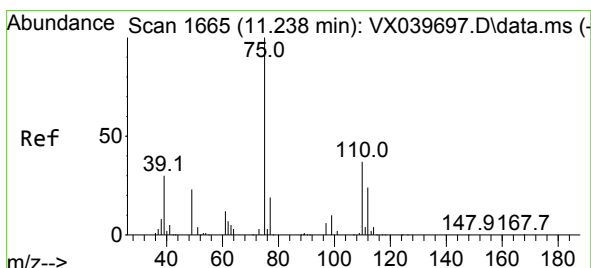
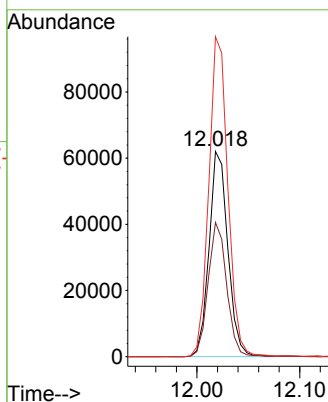
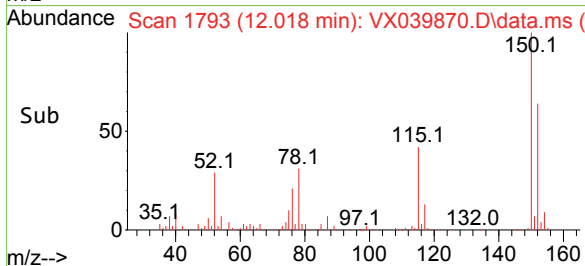


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX039870.D
 Acq: 22 Jan 2024 10:01

Instrument :
 MSVOA_X
 ClientSampleId :

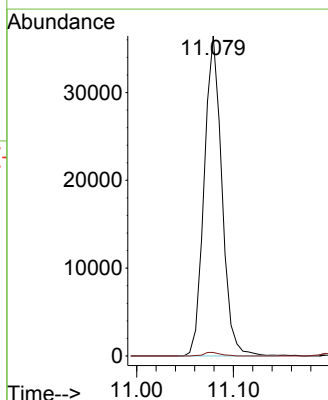
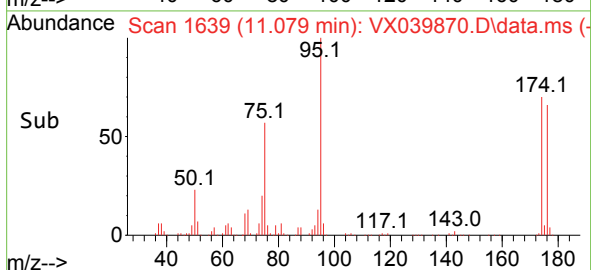
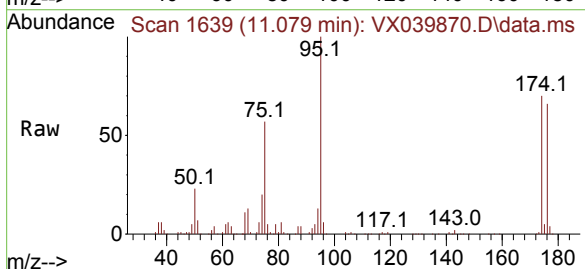


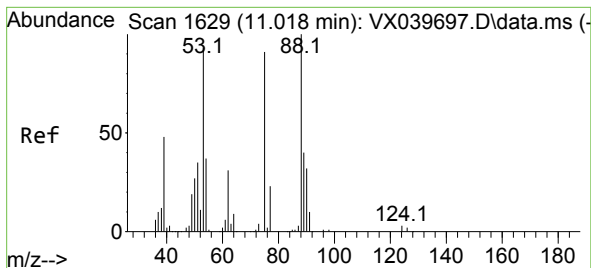
Tgt Ion:152 Resp: 79123
 Ion Ratio Lower Upper
 152 100
 115 64.4 43.3 129.9
 150 157.5 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 22.616 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX039870.D
 Acq: 22 Jan 2024 10:01

Tgt Ion: 75 Resp: 46393
 Ion Ratio Lower Upper
 75 100
 77 1.1 19.1 57.5#

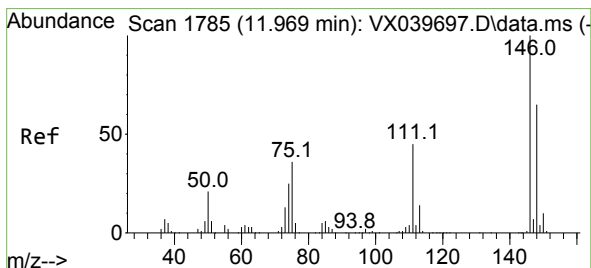
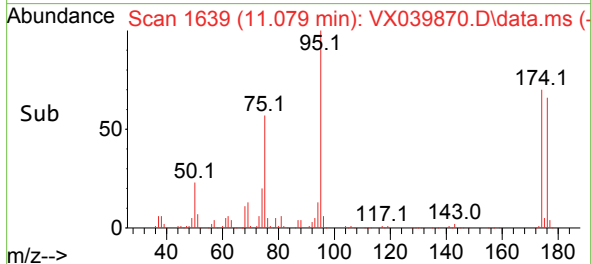
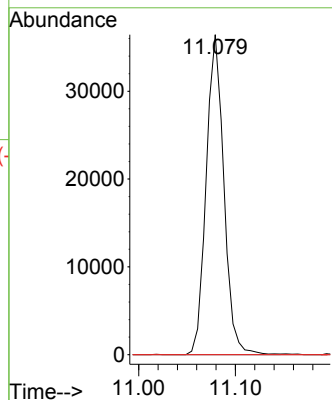
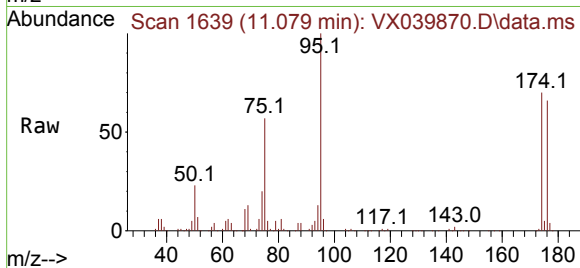




#81
trans-1,4-Dichloro-2-butene
Concen: 65.431 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX039870.D
Acq: 22 Jan 2024 10:01

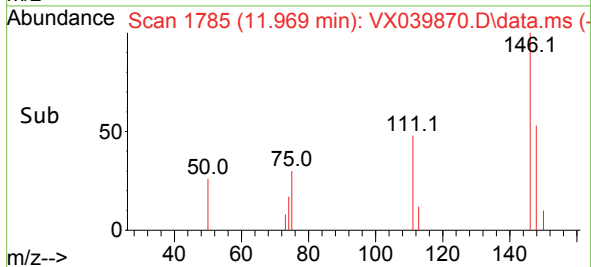
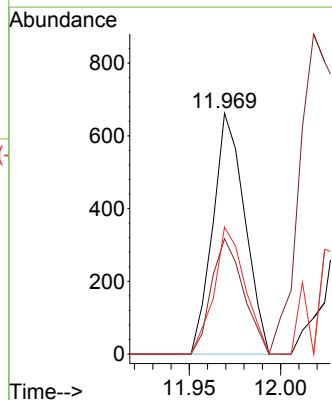
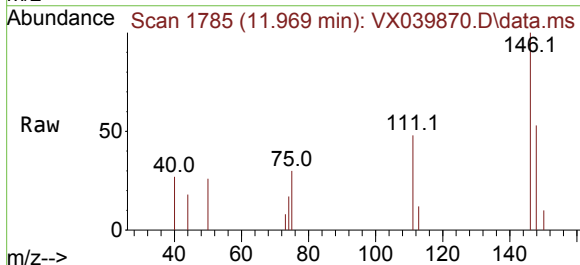
Instrument :
MSVOA_X
ClientSampleId :

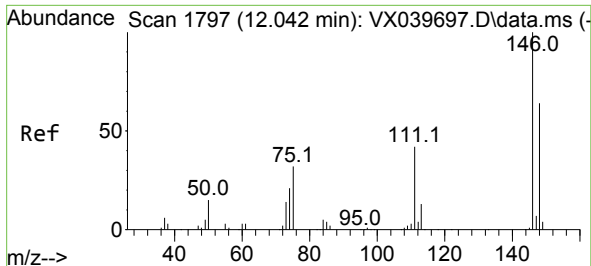
Tgt Ion: 75 Resp: 46393
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#87
1,3-Dichlorobenzene
Concen: 0.299 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039870.D
Acq: 22 Jan 2024 10:01

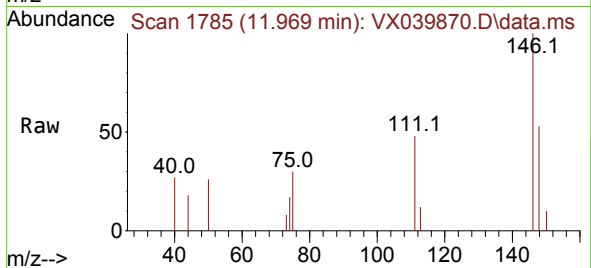
Tgt Ion:146 Resp: 805
Ion Ratio Lower Upper
146 100
111 48.0 22.1 66.1
148 51.1 31.8 95.3



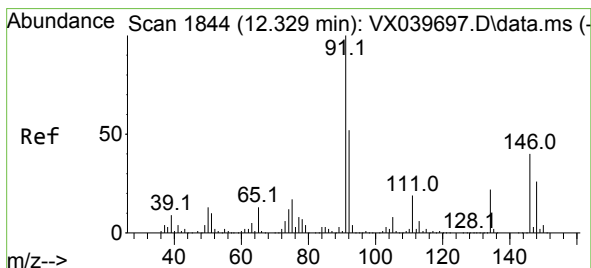
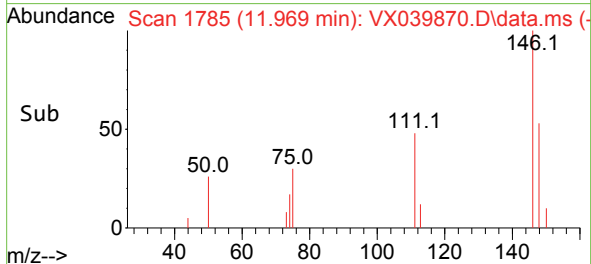
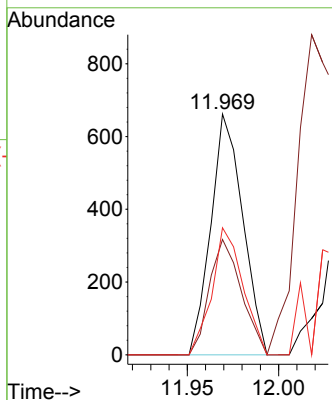


#88
1,4-Dichlorobenzene
Concen: 0.290 ug/l
RT: 11.969 min Scan# 11
Delta R.T. -0.073 min
Lab File: VX039870.D
Acq: 22 Jan 2024 10:01

Instrument :
MSVOA_X
ClientSampleId :

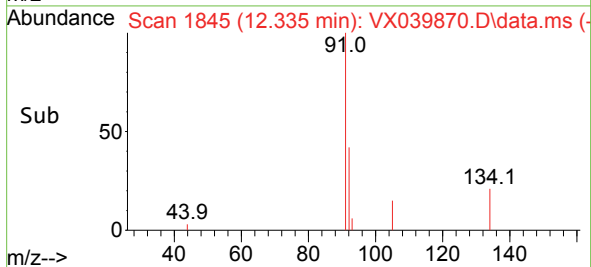
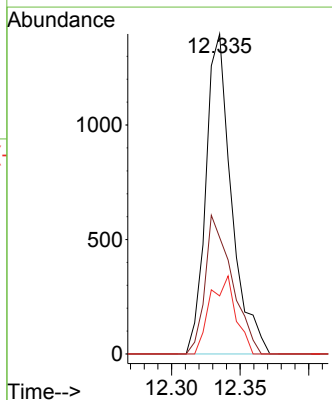
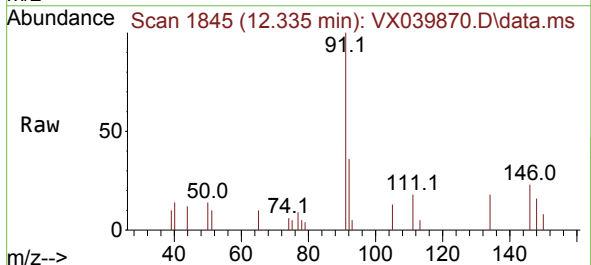


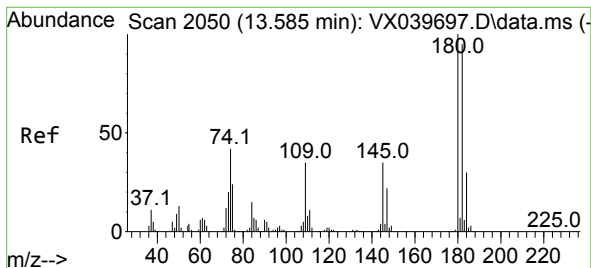
Tgt Ion:146 Resp: 805
Ion Ratio Lower Upper
146 100
111 48.0 21.3 63.7
148 51.1 31.8 95.4



#89
n-Butylbenzene
Concen: 0.355 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX039870.D
Acq: 22 Jan 2024 10:01

Tgt Ion: 91 Resp: 1817
Ion Ratio Lower Upper
91 100
92 45.3 27.4 82.0
134 24.3 12.6 37.8





#93

1,2,4-Trichlorobenzene

Concen: 0.783 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX039870.D

Acq: 22 Jan 2024 10:01

Instrument :

MSVOA_X

ClientSampleId :

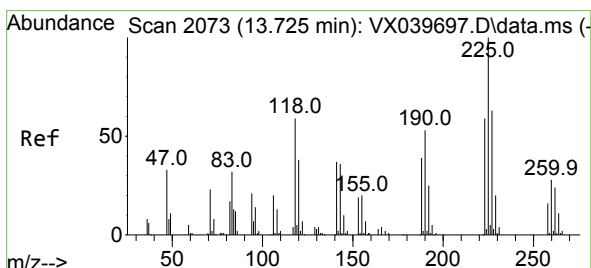
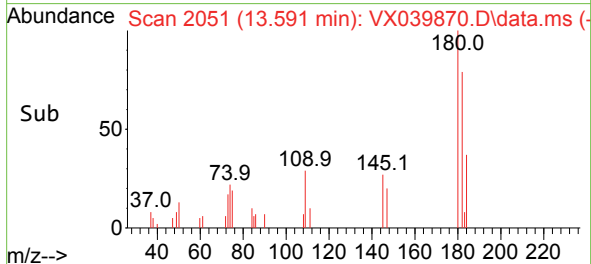
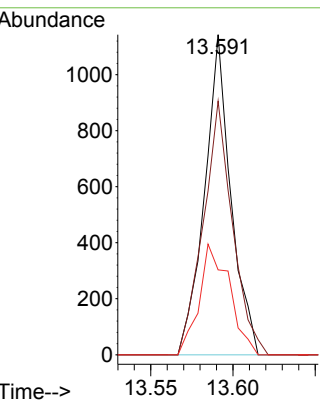
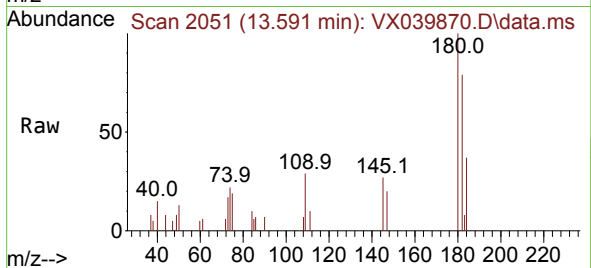
Tgt Ion:180 Resp: 1272

Ion Ratio Lower Upper

180 100

182 88.1 48.3 144.8

145 39.8 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.826 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX039870.D

Acq: 22 Jan 2024 10:01

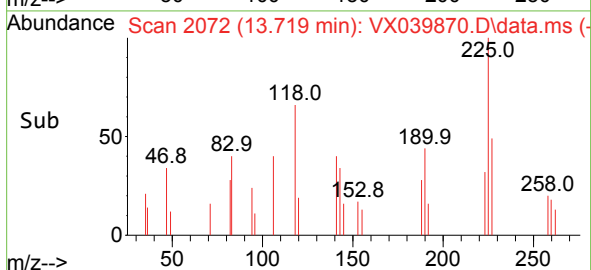
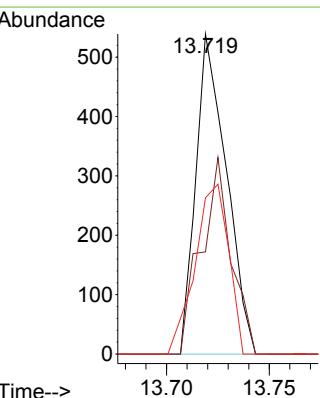
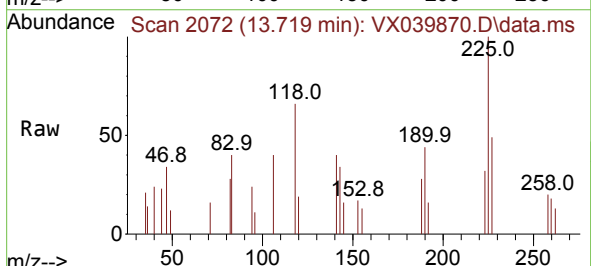
Tgt Ion:225 Resp: 558

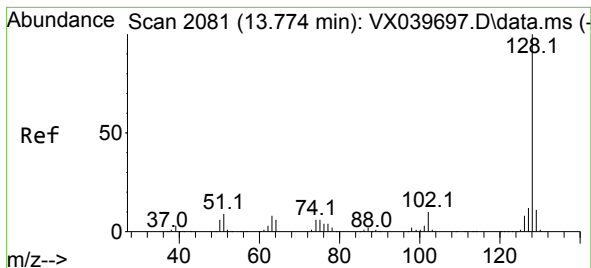
Ion Ratio Lower Upper

225 100

223 60.6 31.1 93.2

227 58.2 32.5 97.5





#95

Naphthalene

Concen: 0.792 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

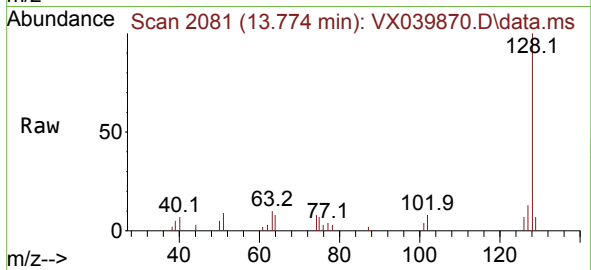
Lab File: VX039870.D

Acq: 22 Jan 2024 10:01

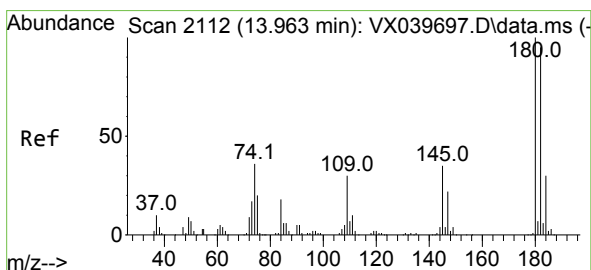
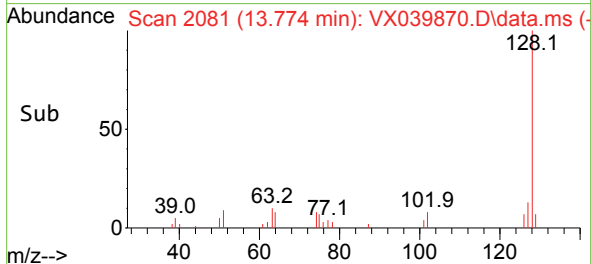
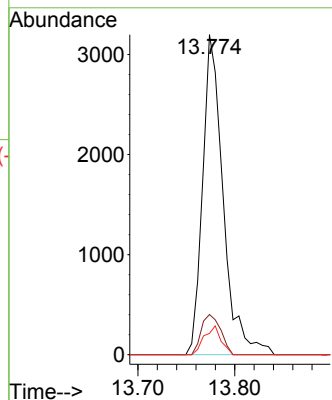
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:128	Resp:	4734
Ion	Ratio	Lower Upper
128	100	
127	11.8	10.3 15.5
129	7.3	8.8 13.2#



#96

1,2,3-Trichlorobenzene

Concen: 0.769 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX039870.D

Acq: 22 Jan 2024 10:01

Tgt Ion:180	Resp:	1260
Ion	Ratio	Lower Upper
180	100	
182	89.2	46.9 140.6
145	26.8	17.8 53.5

