

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010424\
 Data File : VX039617.D
 Acq On : 04 Jan 2024 10:26
 Operator : JC/MD
 Sample : VX0104MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 05 00:36:52 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)

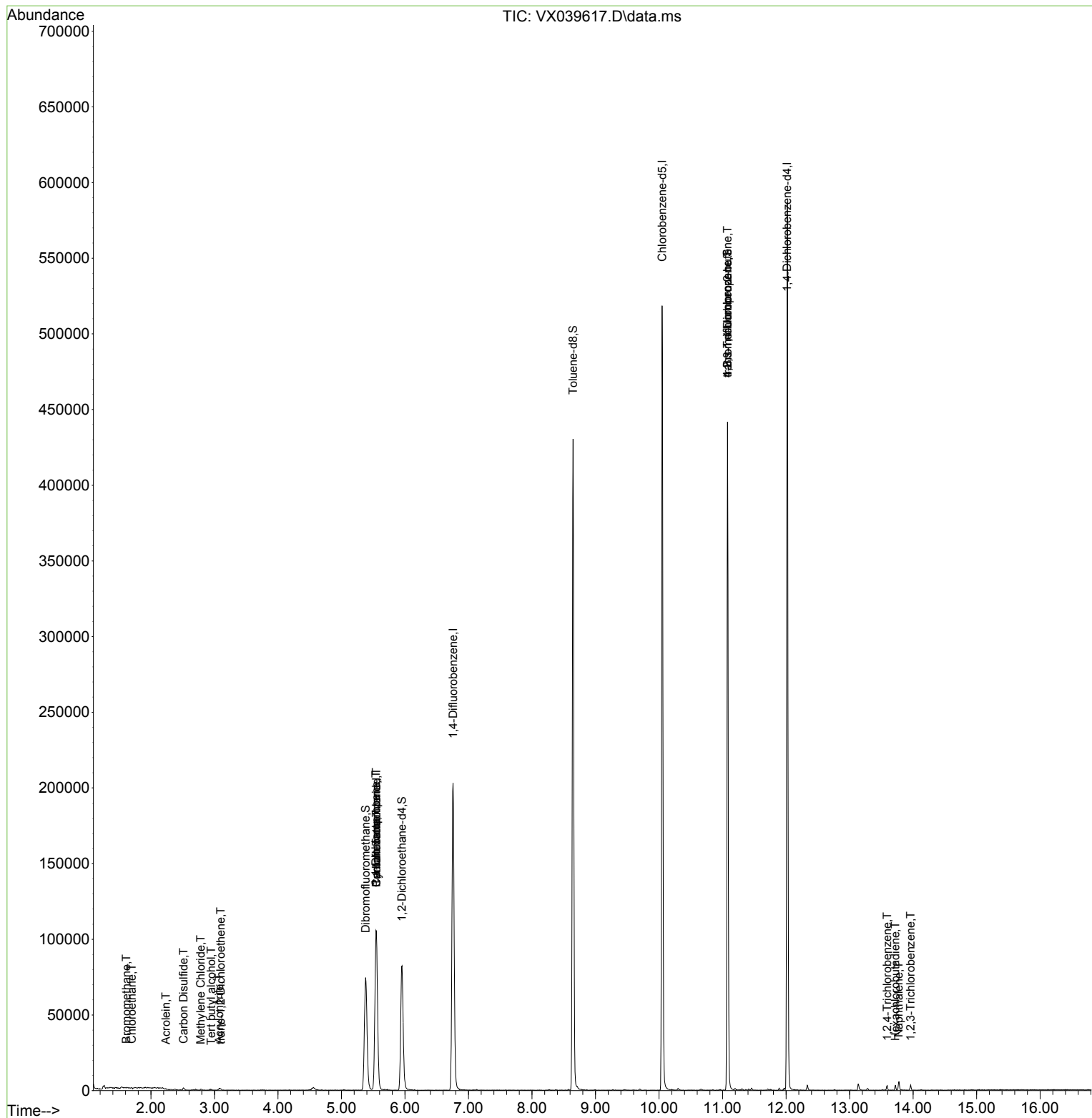
Internal Standards						
1) Pentafluorobenzene	5.550	168	94605	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	201894	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	215982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	109259	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	80700	46.564	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.120%		
35) Dibromofluoromethane	5.379	113	65538	46.988	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.980%		
50) Toluene-d8	8.647	98	256038	49.446	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.900%		
62) 4-Bromofluorobenzene	11.079	95	120590	56.443	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	112.880%		
Target Compounds						Qvalue
5) Bromomethane	1.612	94	190	0.241	ug/l #	70
6) Chloroethane	1.697	64	174	0.211	ug/l #	43
11) Tert butyl alcohol	2.947	59	462	1.062	ug/l #	78
13) Acrolein	2.233	56	329	0.948	ug/l	89
15) Acrylonitrile	3.075	53	607	0.697	ug/l #	86
16) Acetone	2.374	43	635	Below Cal		96
17) Carbon Disulfide	2.514	76	1642	0.461	ug/l	96
20) Methylene Chloride	2.782	84	375	0.260	ug/l #	60
21) trans-1,2-Dichloroethene	3.099	96	324	0.245	ug/l #	88
31) Cyclohexane	5.550	56	2633	1.176	ug/l #	2
36) 1,1-Dichloropropene	5.544	75	9361	4.253	ug/l #	51
38) Carbon Tetrachloride	5.550	117	10573	5.034	ug/l #	16
76) 1,2,3-Trichloropropane	11.079	75	66188	23.415	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	66188	66.054	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	821	0.358	ug/l	94
94) Hexachlorobutadiene	13.719	225	448	0.518	ug/l	82
95) Naphthalene	13.774	128	4305	0.539	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	856	0.386	ug/l	91

(#) = 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 : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jan 05 00:36:52 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



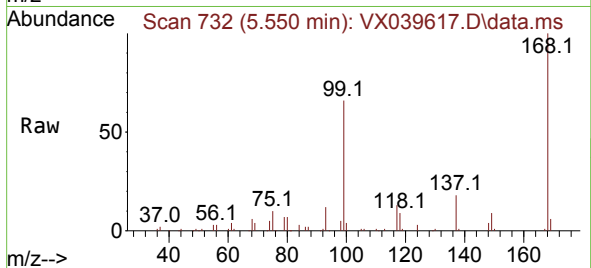


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX039617.D
Acq: 04 Jan 2024 10:26

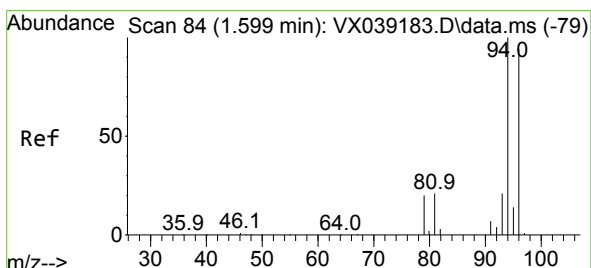
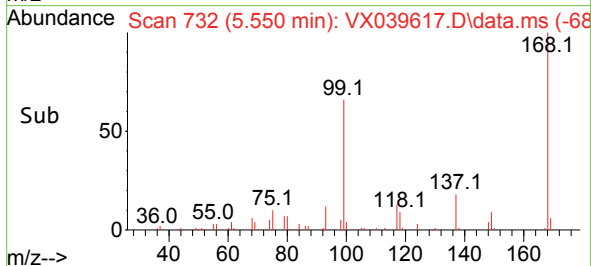
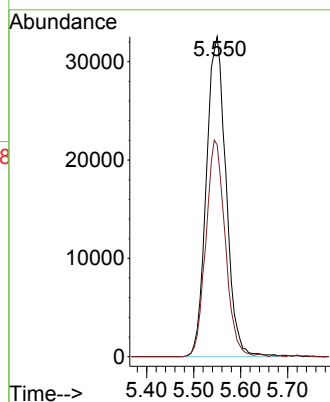
Instrument :

MSVOA_X

ClientSampleId :

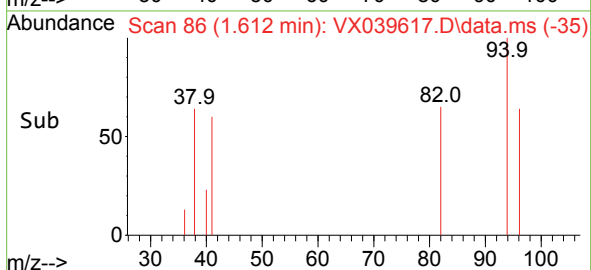
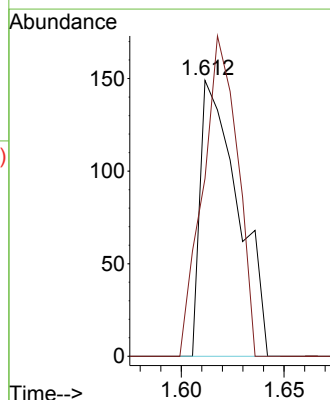
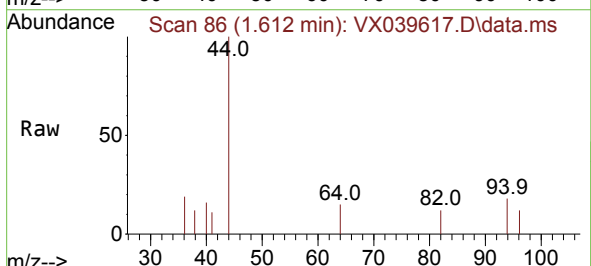


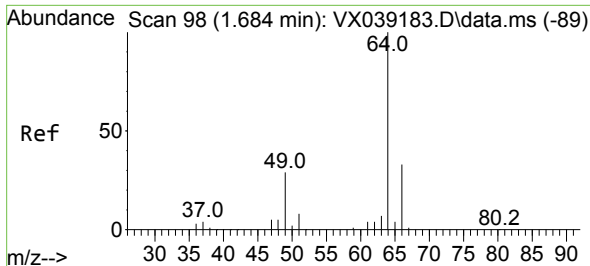
Tgt Ion:168 Resp: 94605
Ion Ratio Lower Upper
168 100
99 66.2 56.6 85.0



#5
Bromomethane
Concen: 0.241 ug/l
RT: 1.612 min Scan# 86
Delta R.T. 0.013 min
Lab File: VX039617.D
Acq: 04 Jan 2024 10:26

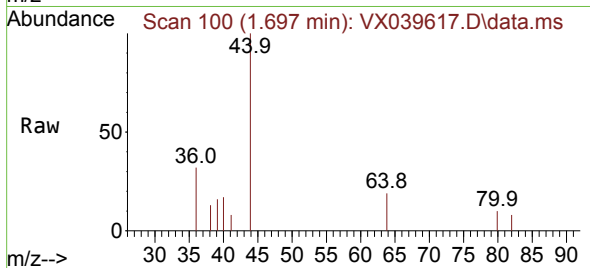
Tgt Ion: 94 Resp: 190
Ion Ratio Lower Upper
94 100
96 64.4 74.6 111.8#



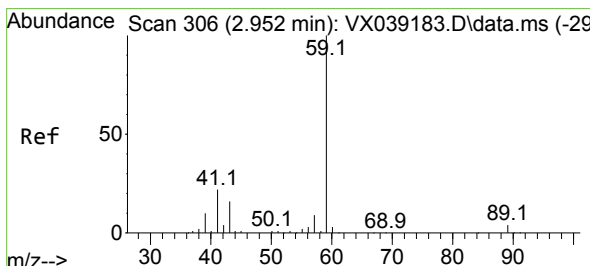
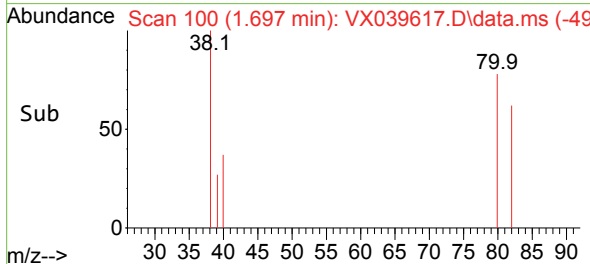
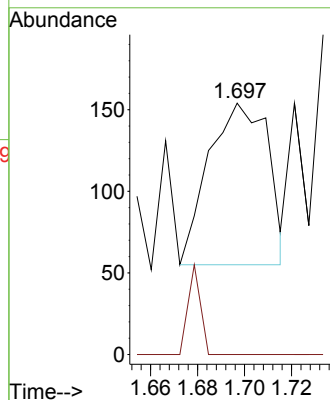


#6
Chloroethane
Concen: 0.211 ug/l
RT: 1.697 min Scan# 100
Delta R.T. 0.013 min
Lab File: VX039617.D
Acq: 04 Jan 2024 10:26

Instrument :
MSVOA_X
ClientSampleId :

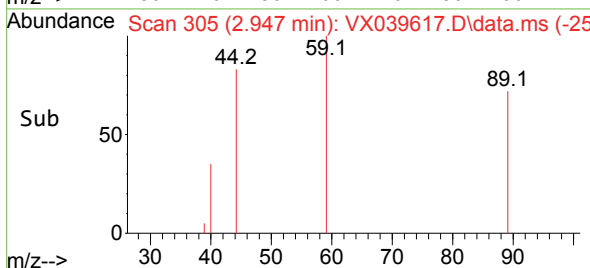
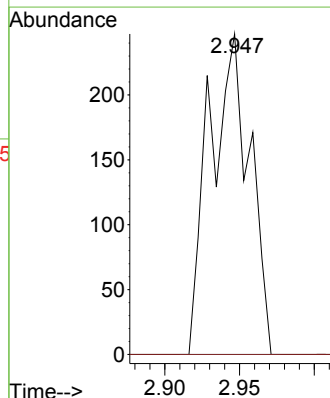
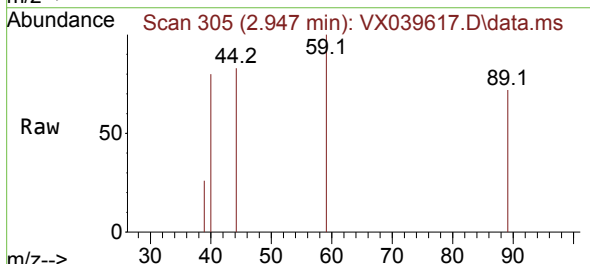


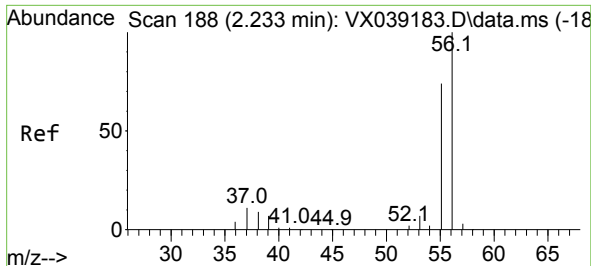
Tgt Ion: 64 Resp: 174
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#11
Tert butyl alcohol
Concen: 1.062 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.006 min
Lab File: VX039617.D
Acq: 04 Jan 2024 10:26

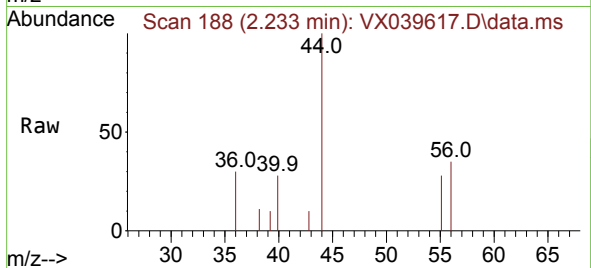
Tgt Ion: 59 Resp: 462
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



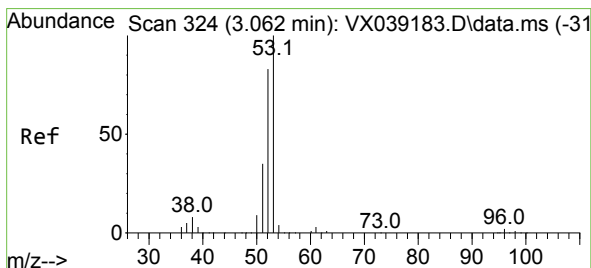
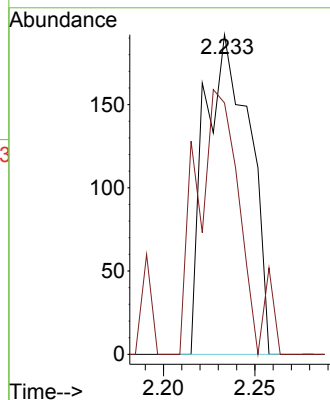
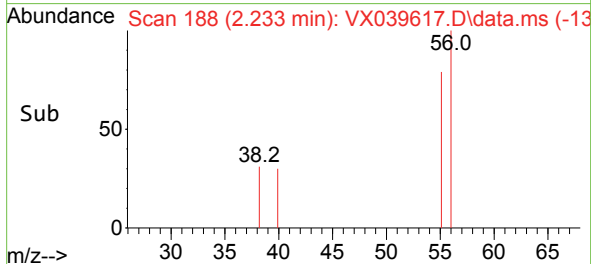


#13
Acrolein
Concen: 0.948 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039617.D
Acq: 04 Jan 2024 10:26

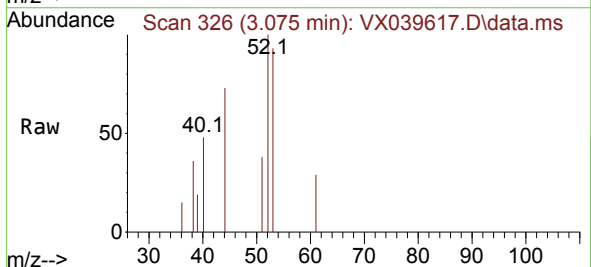
Instrument :
MSVOA_X
ClientSampleId :



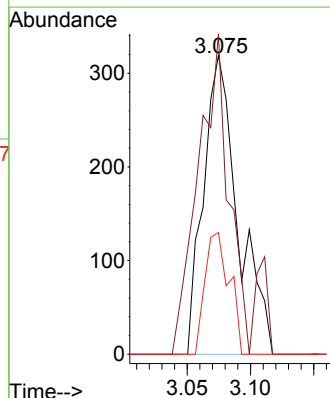
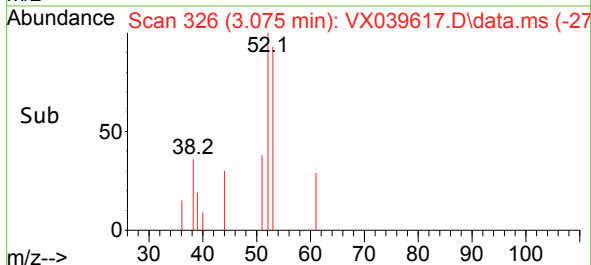
Tgt Ion: 56 Resp: 329
Ion Ratio Lower Upper
56 100
55 80.9 57.1 85.7

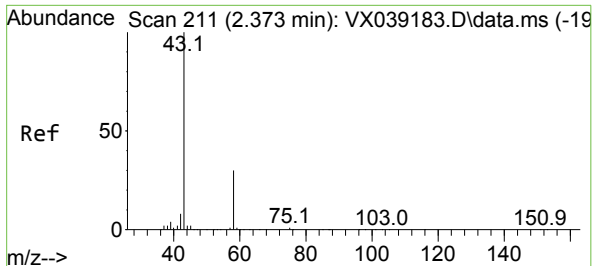


#15
Acrylonitrile
Concen: 0.697 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.013 min
Lab File: VX039617.D
Acq: 04 Jan 2024 10:26



Tgt Ion: 53 Resp: 607
Ion Ratio Lower Upper
53 100
52 95.1 66.0 99.0
51 28.7 29.8 44.6#

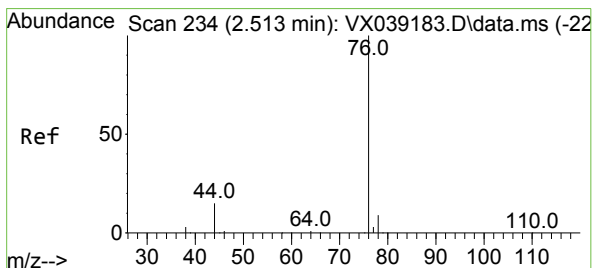
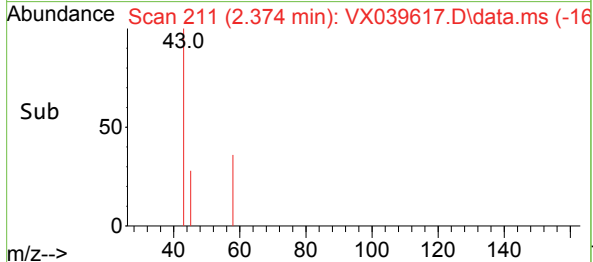
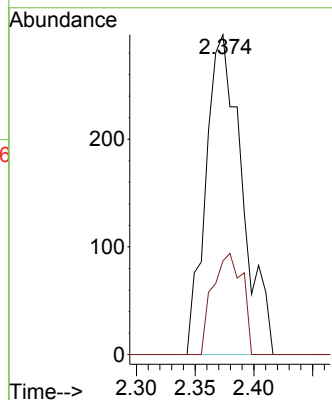
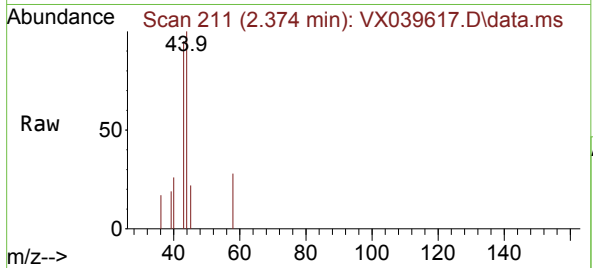




#16
Acetone
Concen: Below Cal
RT: 2.374 min Scan# 211
Delta R.T. 0.001 min
Lab File: VX039617.D
Acq: 04 Jan 2024 10:26

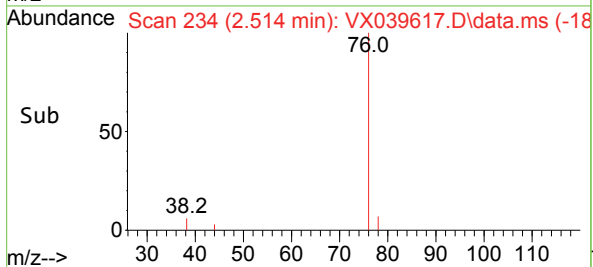
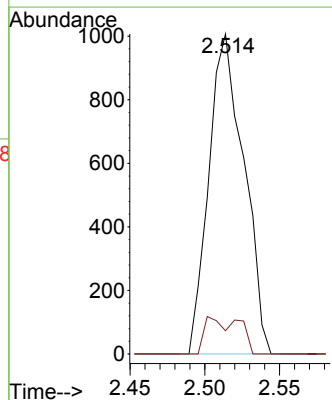
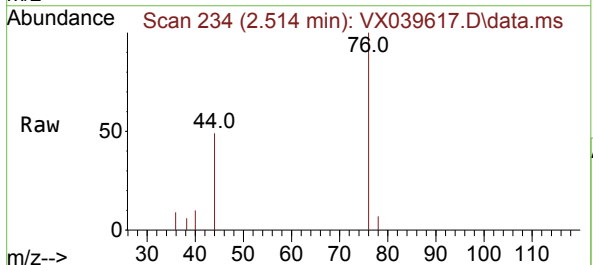
Instrument :
MSVOA_X
ClientSampleId :

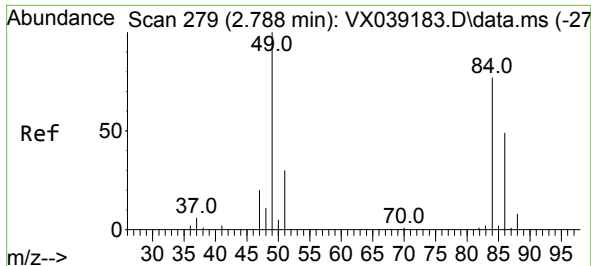
Tgt Ion: 43 Resp: 635
Ion Ratio Lower Upper
43 100
58 29.3 21.9 32.9



#17
Carbon Disulfide
Concen: 0.461 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX039617.D
Acq: 04 Jan 2024 10:26

Tgt Ion: 76 Resp: 1642
Ion Ratio Lower Upper
76 100
78 7.2 7.0 10.6





#20

Methylene Chloride

Concen: 0.260 ug/l

RT: 2.782 min Scan# 21

Delta R.T. -0.006 min

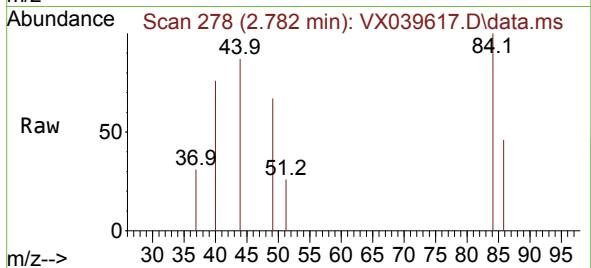
Lab File: VX039617.D

Acq: 04 Jan 2024 10:26

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 84 Resp: 375

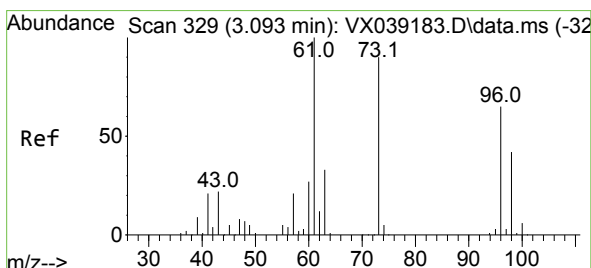
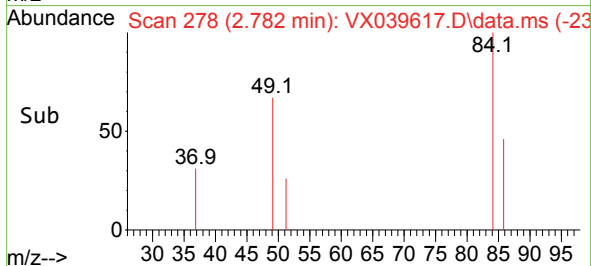
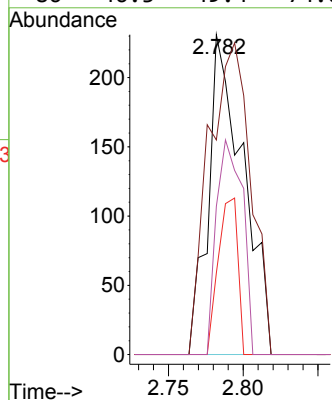
Ion Ratio Lower Upper

84 100

49 67.1 103.6 155.4#

51 25.5 33.8 50.6#

86 46.3 49.4 74.0#



#21

trans-1,2-Dichloroethene

Concen: 0.245 ug/l

RT: 3.099 min Scan# 330

Delta R.T. 0.006 min

Lab File: VX039617.D

Acq: 04 Jan 2024 10:26

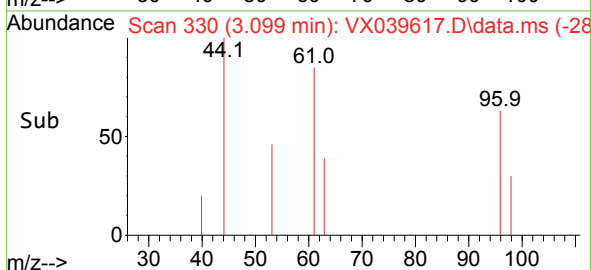
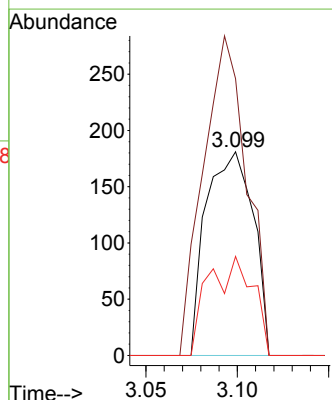
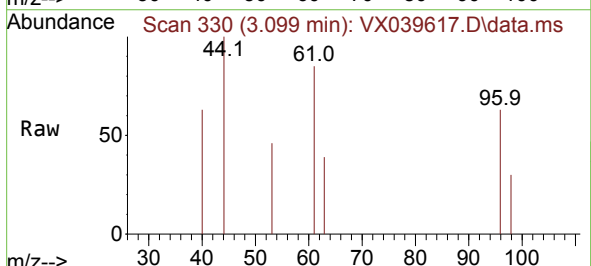
Tgt Ion: 96 Resp: 324

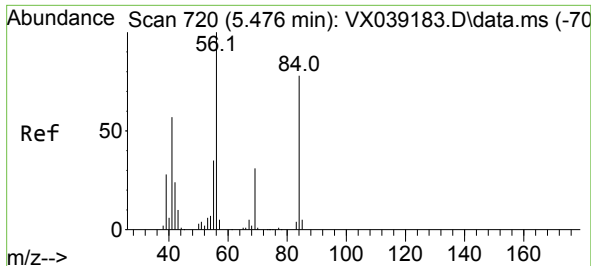
Ion Ratio Lower Upper

96 100

61 135.9 119.2 178.8

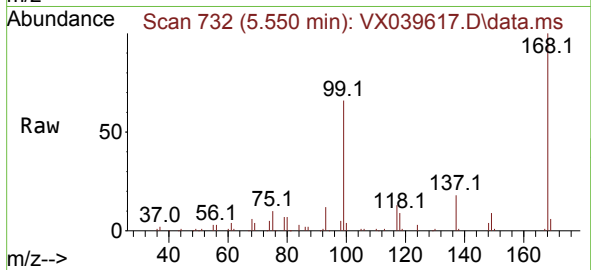
98 48.6 48.7 73.1#



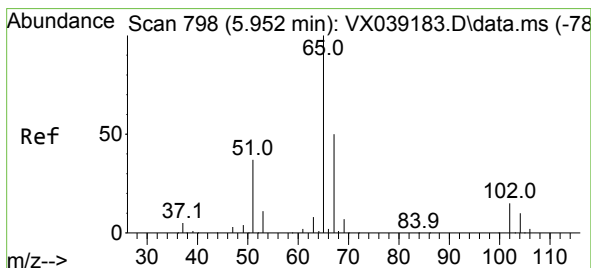
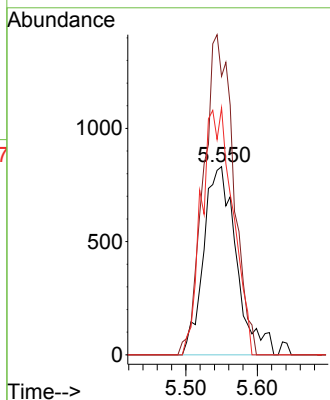
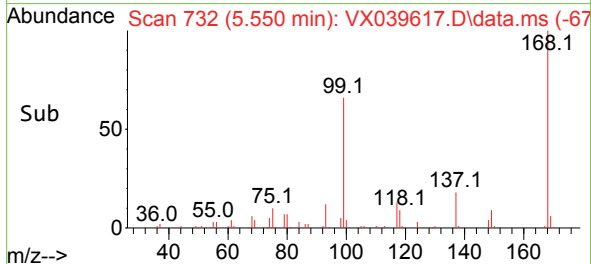


#31
Cyclohexane
Concen: 1.176 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.073 min
Lab File: VX039617.D
Acq: 04 Jan 2024 10:26

Instrument :
MSVOA_X
ClientSampleId :

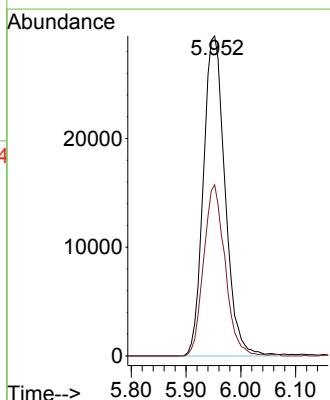
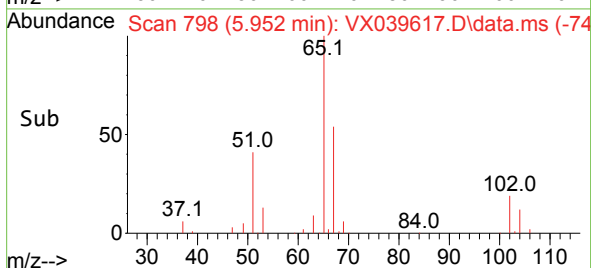
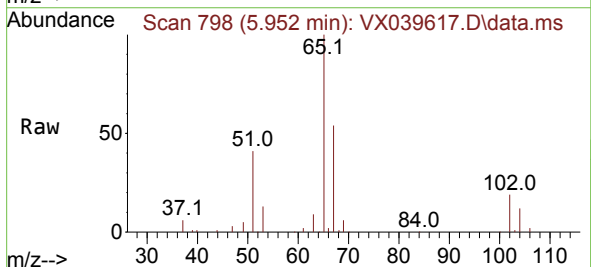


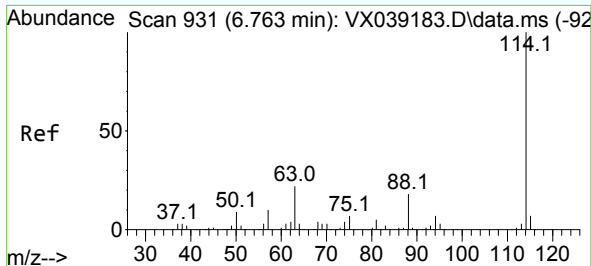
Tgt Ion: 56 Resp: 2633
Ion Ratio Lower Upper
56 100
69 148.0 23.4 35.2#
84 131.3 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.564 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX039617.D
Acq: 04 Jan 2024 10:26

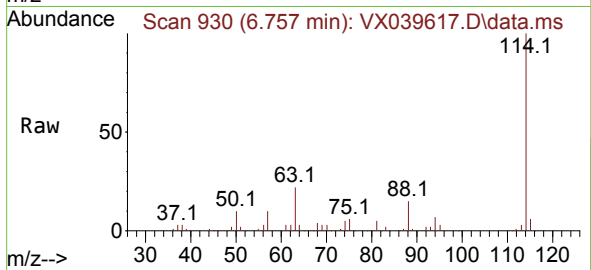
Tgt Ion: 65 Resp: 80700
Ion Ratio Lower Upper
65 100
67 52.8 0.0 100.2



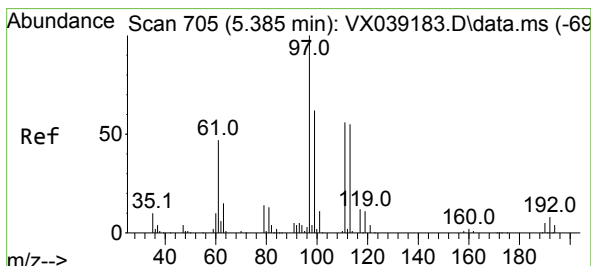
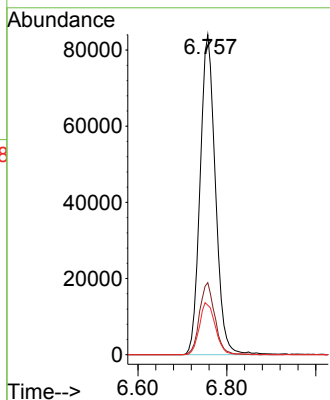
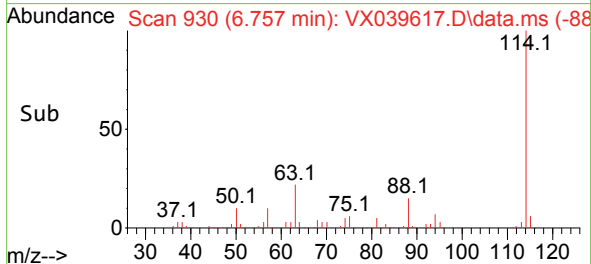


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX039617.D
Acq: 04 Jan 2024 10:26

Instrument :
MSVOA_X
ClientSampleId :

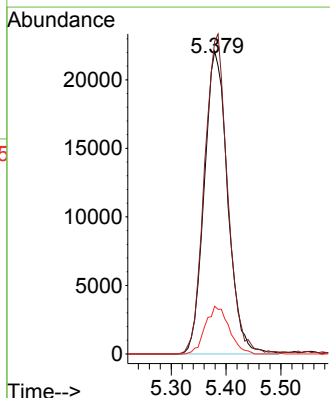
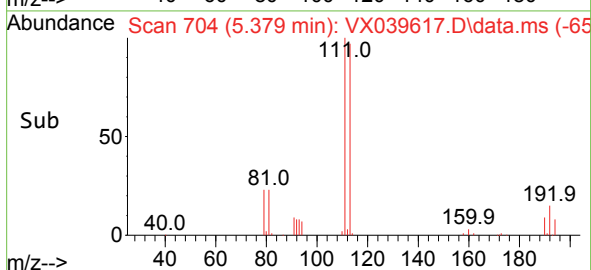
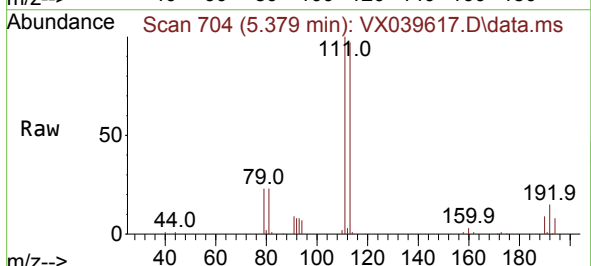


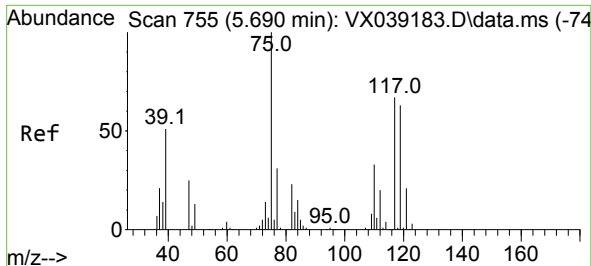
Tgt Ion:114 Resp: 201894
Ion Ratio Lower Upper
114 100
63 22.5 0.0 45.0
88 15.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.988 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX039617.D
Acq: 04 Jan 2024 10:26

Tgt Ion:113 Resp: 65538
Ion Ratio Lower Upper
113 100
111 104.4 82.9 124.3
192 16.0 13.3 19.9

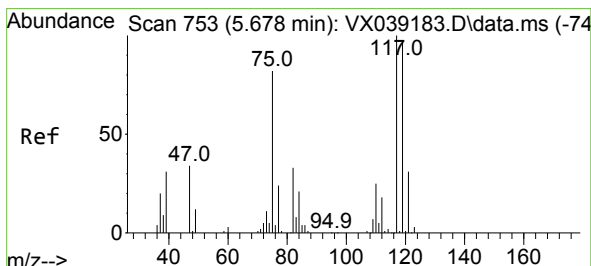
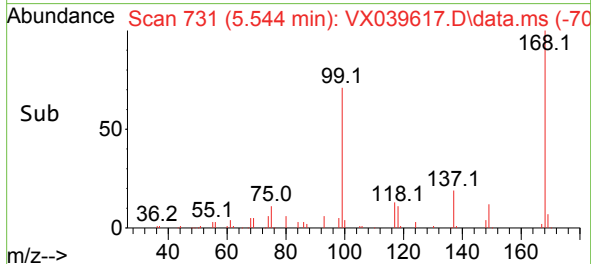
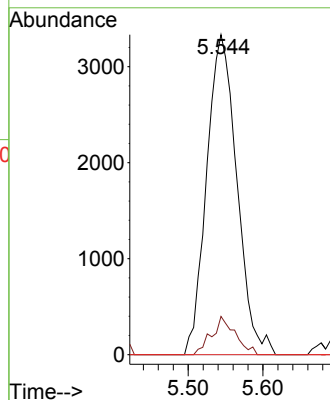
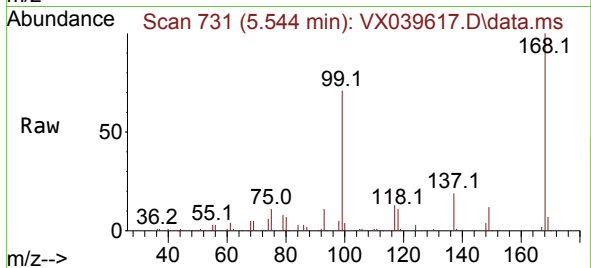




#36
 1,1-Dichloropropene
 Concen: 4.253 ug/l
 RT: 5.544 min Scan# 71
 Delta R.T. -0.146 min
 Lab File: VX039617.D
 Acq: 04 Jan 2024 10:26

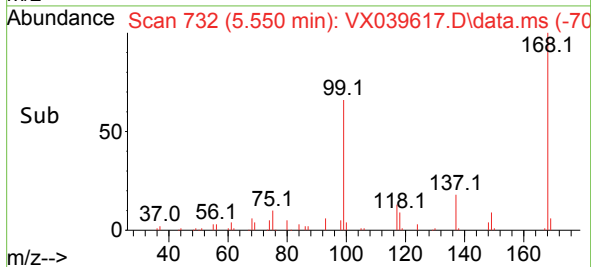
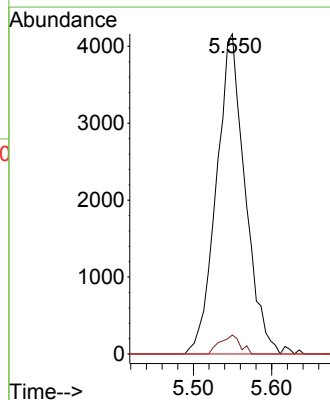
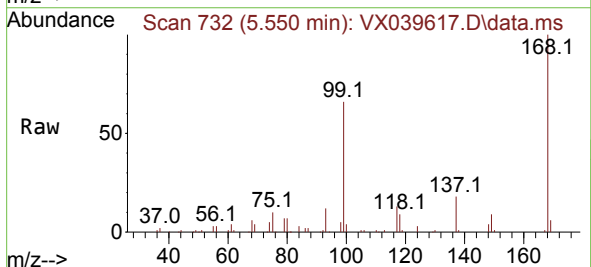
Instrument :
 MSVOA_X
 ClientSampleId :

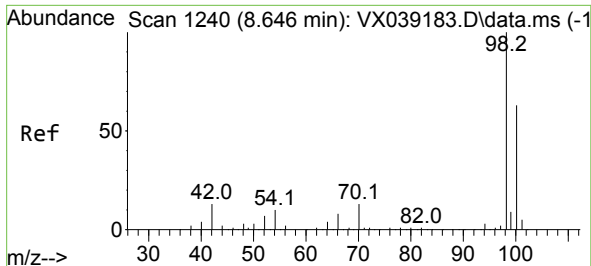
Tgt Ion: 75 Resp: 9361
 Ion Ratio Lower Upper
 75 100
 110 9.3 17.0 50.9#
 77 0.0 24.7 37.1#



#38
 Carbon Tetrachloride
 Concen: 5.034 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.128 min
 Lab File: VX039617.D
 Acq: 04 Jan 2024 10:26

Tgt Ion: 117 Resp: 10573
 Ion Ratio Lower Upper
 117 100
 119 6.0 78.2 117.2#
 121 0.0 24.4 36.6#

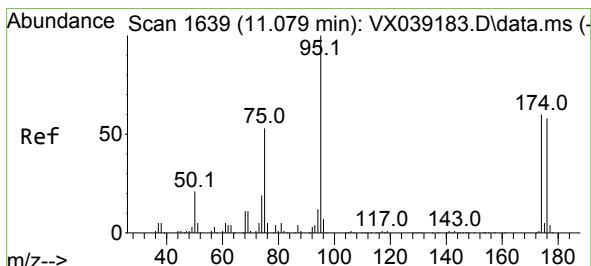
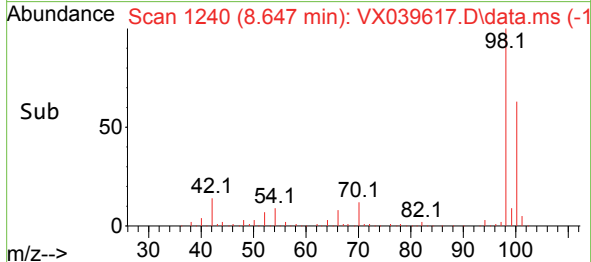
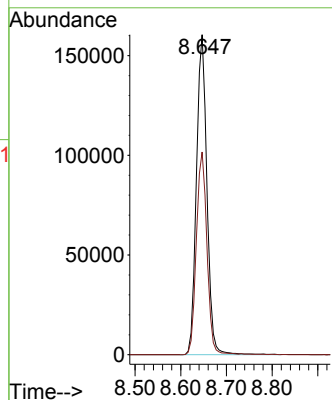
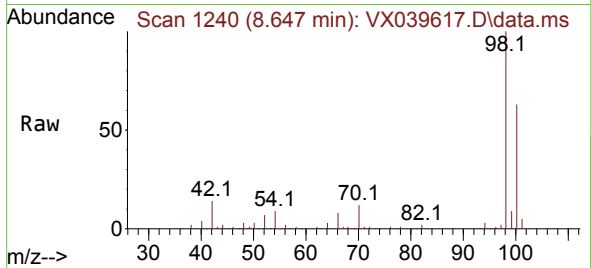




#50
Toluene-d8
Concen: 49.446 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039617.D
Acq: 04 Jan 2024 10:26

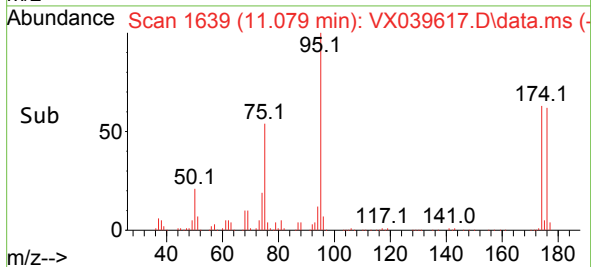
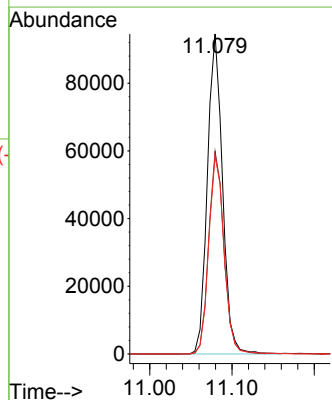
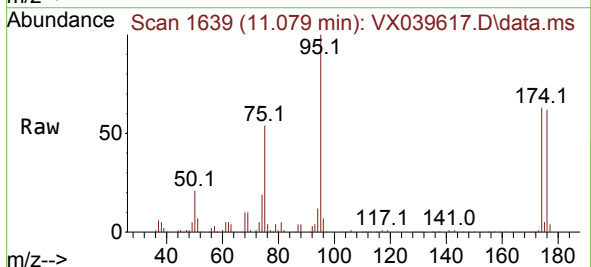
Instrument :
MSVOA_X
ClientSampleId :

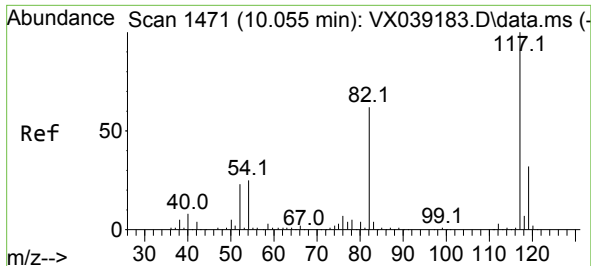
Tgt Ion: 98 Resp: 256038
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 56.443 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039617.D
Acq: 04 Jan 2024 10:26

Tgt Ion: 95 Resp: 120590
Ion Ratio Lower Upper
95 100
174 63.7 0.0 135.6
176 62.5 0.0 131.0

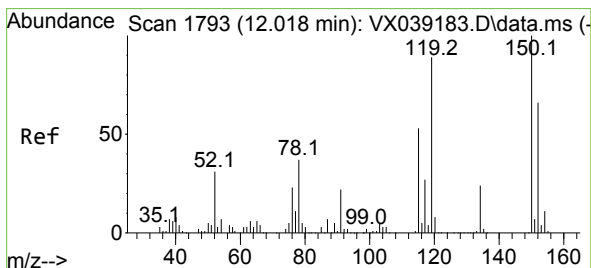
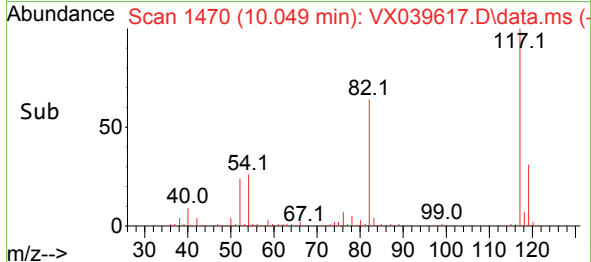
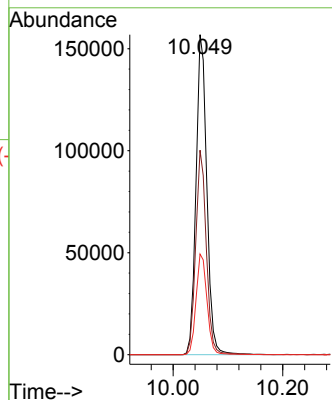
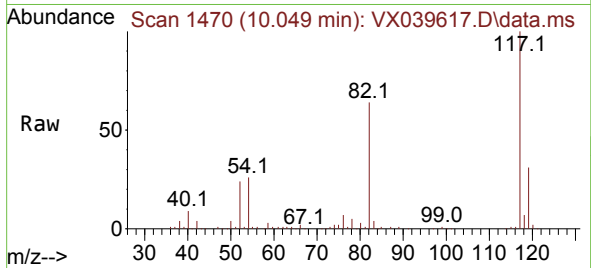




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX039617.D
Acq: 04 Jan 2024 10:26

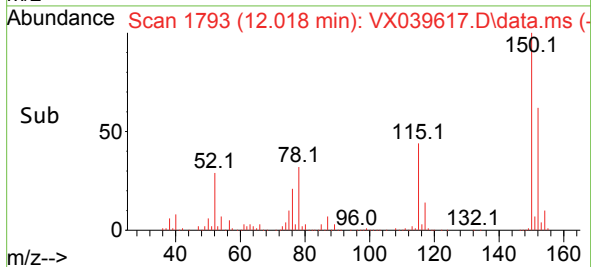
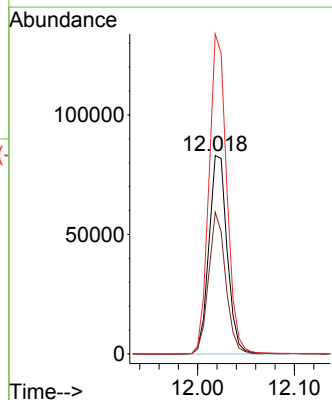
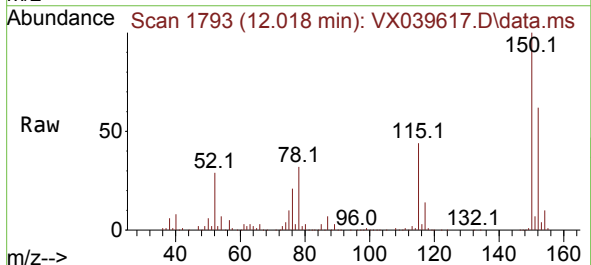
Instrument :
MSVOA_X
ClientSampleId :

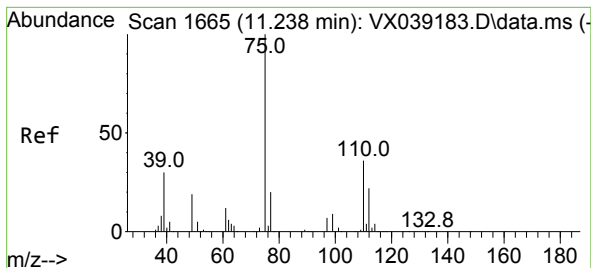
Tgt Ion:117 Resp: 215982
Ion Ratio Lower Upper
117 100
82 63.9 46.2 69.4
119 31.5 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX039617.D
Acq: 04 Jan 2024 10:26

Tgt Ion:152 Resp: 109259
Ion Ratio Lower Upper
152 100
115 66.7 43.3 129.9
150 157.2 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 23.415 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX039617.D

Acq: 04 Jan 2024 10:26

Instrument :

MSVOA_X

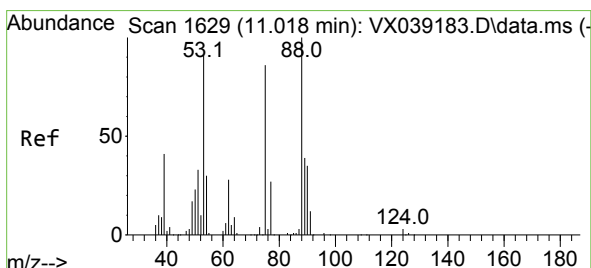
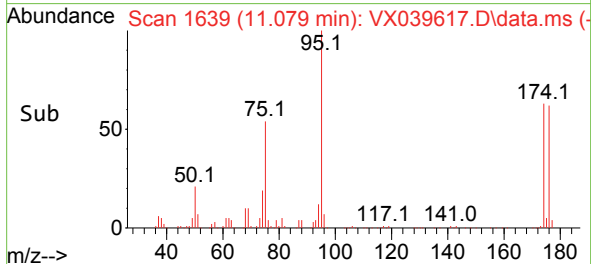
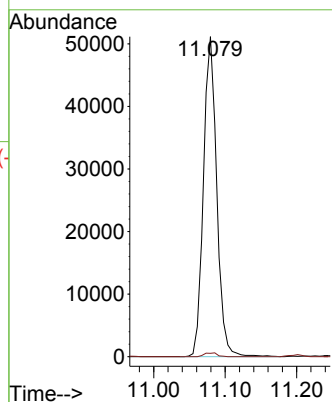
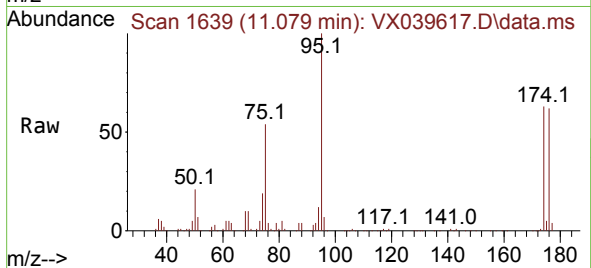
ClientSampleId :

Tgt Ion: 75 Resp: 66188

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 66.054 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX039617.D

Acq: 04 Jan 2024 10:26

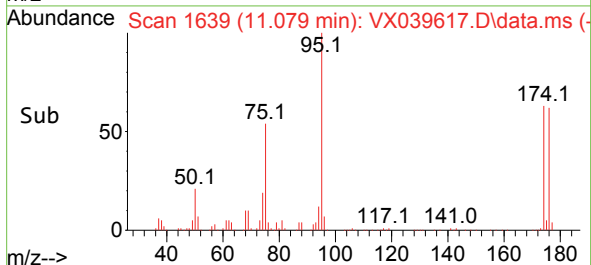
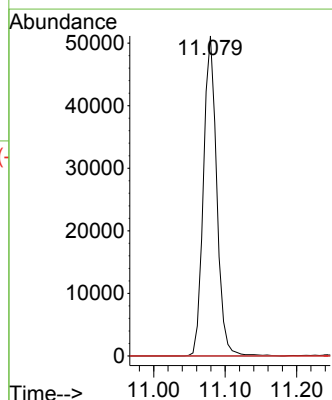
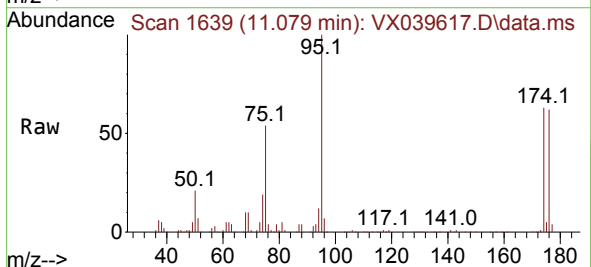
Tgt Ion: 75 Resp: 66188

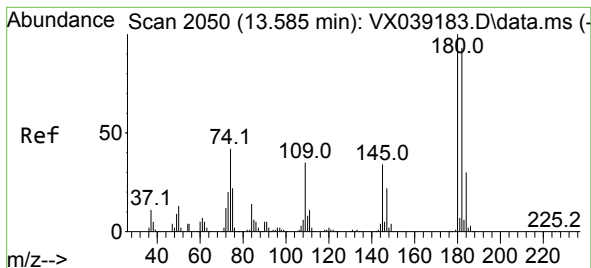
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.358 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX039617.D

Acq: 04 Jan 2024 10:26

Instrument :

MSVOA_X

ClientSampleId :

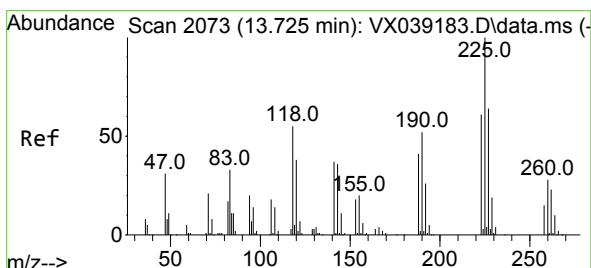
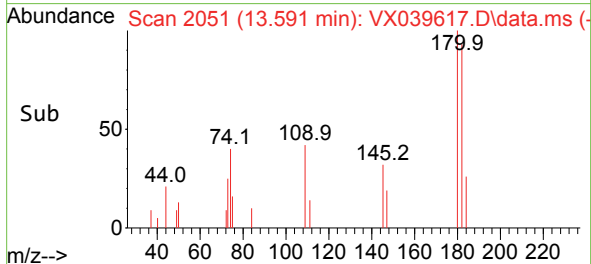
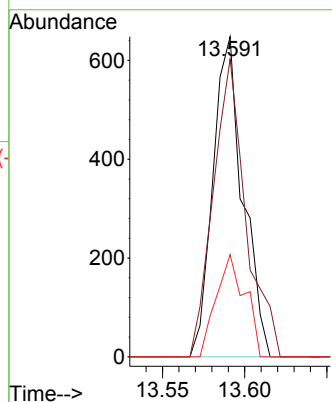
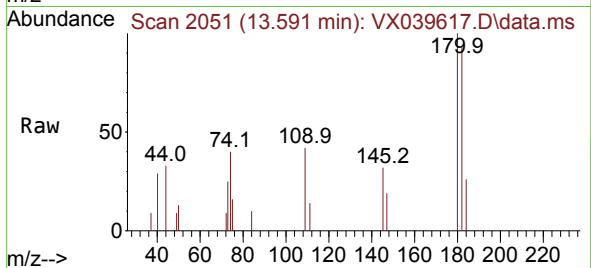
Tgt Ion:180 Resp: 821

Ion Ratio Lower Upper

180 100

182 100.9 48.3 144.8

145 30.7 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.518 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX039617.D

Acq: 04 Jan 2024 10:26

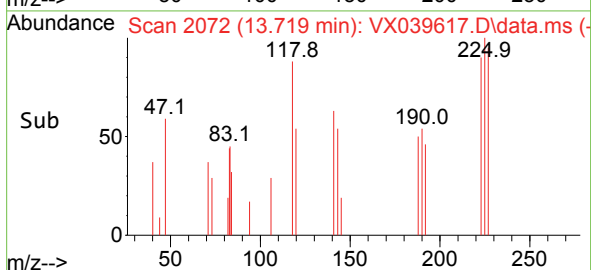
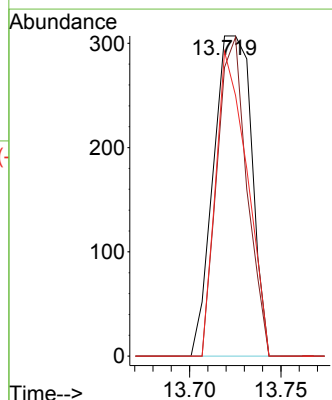
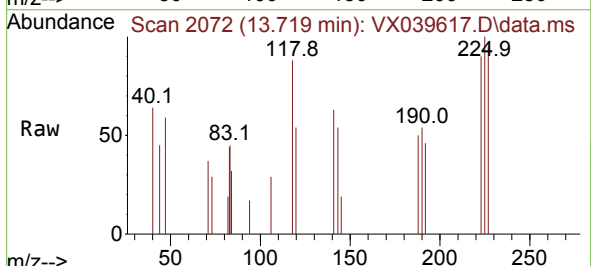
Tgt Ion:225 Resp: 448

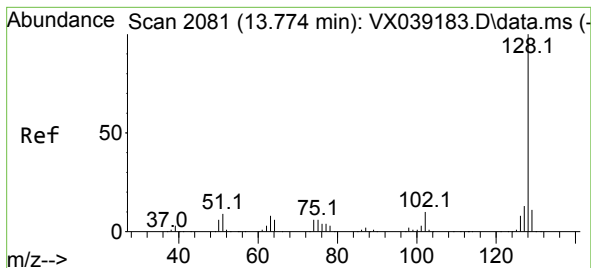
Ion Ratio Lower Upper

225 100

223 77.5 31.1 93.2

227 77.7 32.5 97.5





#95

Naphthalene

Concen: 0.539 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

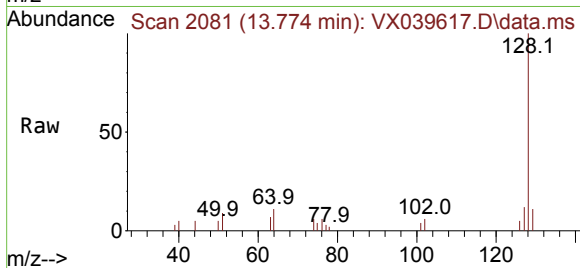
Lab File: VX039617.D

Acq: 04 Jan 2024 10:26

Instrument :

MSVOA_X

ClientSampleId :



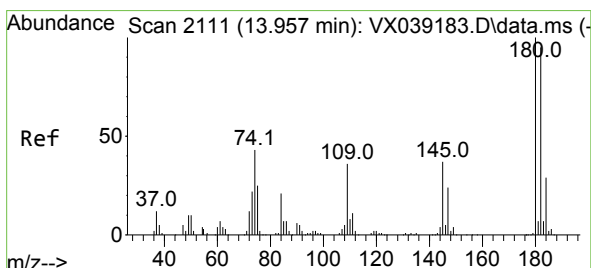
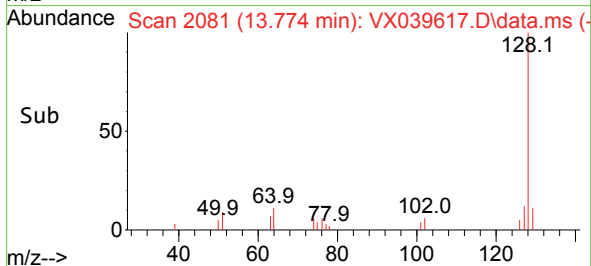
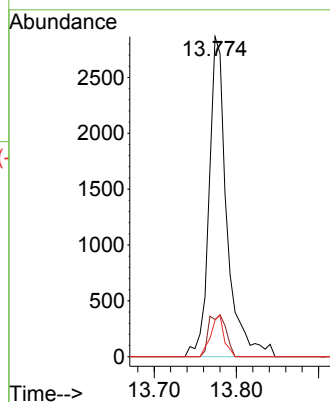
Tgt Ion:128 Resp: 4305

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

129 9.7 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.386 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX039617.D

Acq: 04 Jan 2024 10:26

Tgt Ion:180 Resp: 856

Ion Ratio Lower Upper

180 100

182 100.5 46.9 140.6

145 44.2 17.8 53.5

