

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011824\
 Data File : VX039806.D
 Acq On : 18 Jan 2024 10:27
 Operator : JC/MD
 Sample : VX0118MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 19 00:35:37 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)

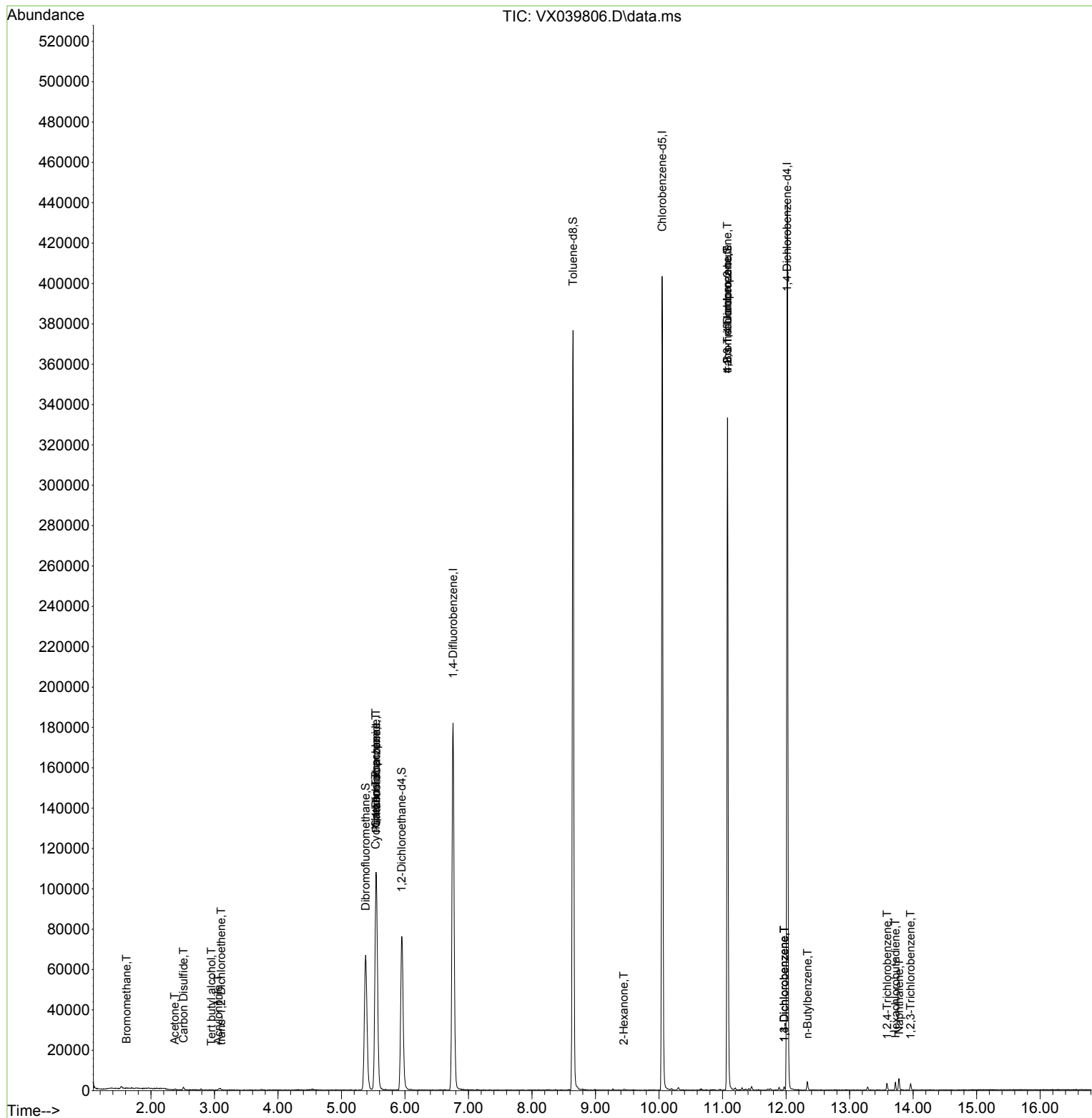
Internal Standards						
1) Pentafluorobenzene	5.550	168	96328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	178624	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	171898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	85028	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	74927	46.434	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.860%		
35) Dibromofluoromethane	5.379	113	57762	48.011	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.020%		
50) Toluene-d8	8.647	98	219615	48.399	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.800%		
62) 4-Bromofluorobenzene	11.079	95	89357	50.358	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.720%		
Target Compounds					Qvalue	
5) Bromomethane	1.617	94	178	0.232	ug/l #	3
11) Tert butyl alcohol	2.953	59	134	0.319	ug/l #	78
13) Acrolein	2.227	56	141	Below Cal	#	81
15) Acrylonitrile	3.062	53	506	0.583	ug/l	90
16) Acetone	2.373	43	304	0.335	ug/l #	74
17) Carbon Disulfide	2.514	76	1511	0.453	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	255	0.209	ug/l #	42
31) Cyclohexane	5.537	56	2592	1.217	ug/l #	3
36) 1,1-Dichloropropene	5.544	75	8878	4.741	ug/l #	51
38) Carbon Tetrachloride	5.544	117	10525	6.136	ug/l #	16
59) 2-Hexanone	9.445	43	430	0.215	ug/l #	55
76) 1,2,3-Trichloropropane	11.079	75	49049	22.250	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	49049	64.491	ug/l #	5
87) 1,3-Dichlorobenzene	11.969	146	644	0.223	ug/l	89
88) 1,4-Dichlorobenzene	11.969	146	644	0.216	ug/l	90
89) n-Butylbenzene	12.341	91	1744	0.317	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	1048	0.600	ug/l	95
94) Hexachlorobutadiene	13.725	225	541	0.746	ug/l	93
95) Naphthalene	13.780	128	4096	0.637	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	921	0.523	ug/l	93

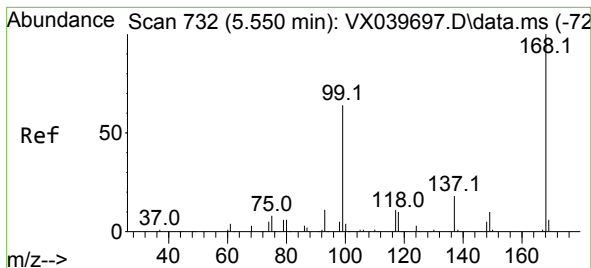
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jan 19 00:35:37 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

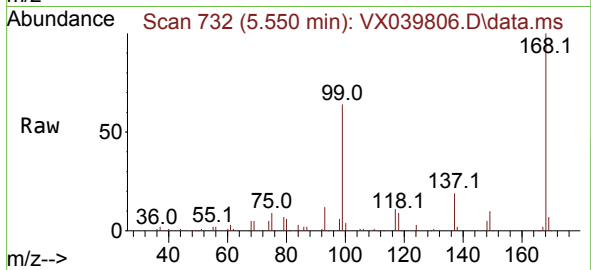
Lab File: VX039806.D

Acq: 18 Jan 2024 10:27

Instrument :

MSVOA_X

ClientSampleId :

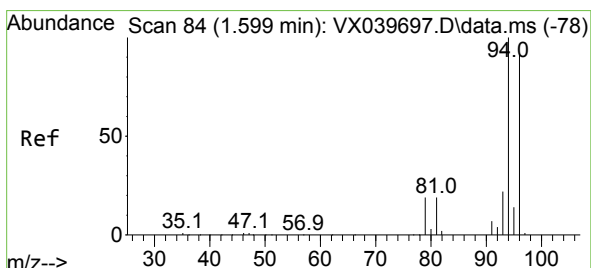
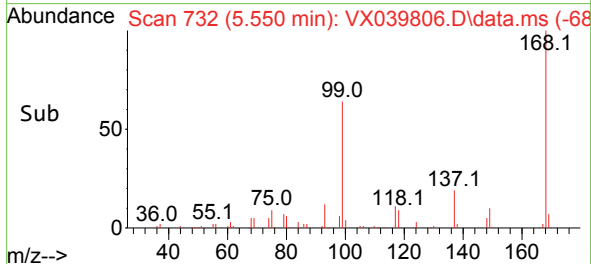
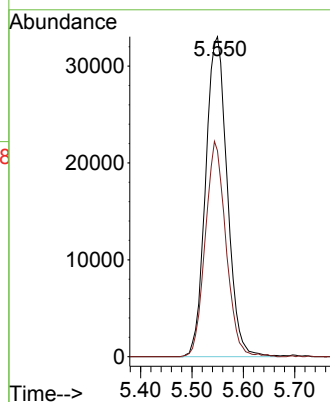


Tgt Ion:168 Resp: 96328

Ion Ratio Lower Upper

168 100

99 64.4 56.6 85.0



#5

Bromomethane

Concen: 0.232 ug/l

RT: 1.617 min Scan# 87

Delta R.T. 0.018 min

Lab File: VX039806.D

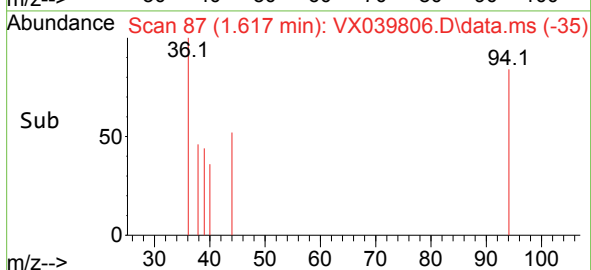
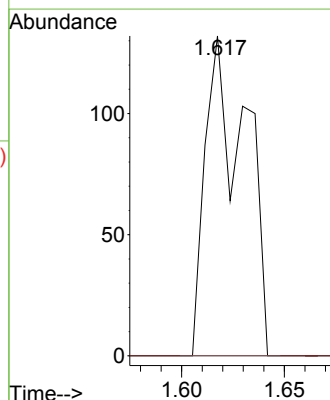
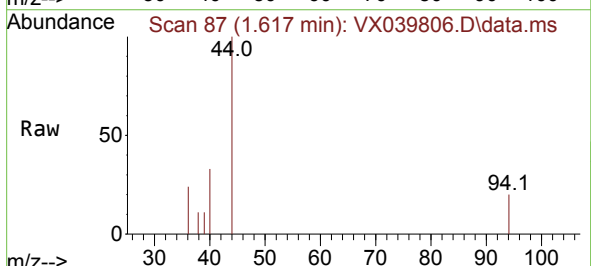
Acq: 18 Jan 2024 10:27

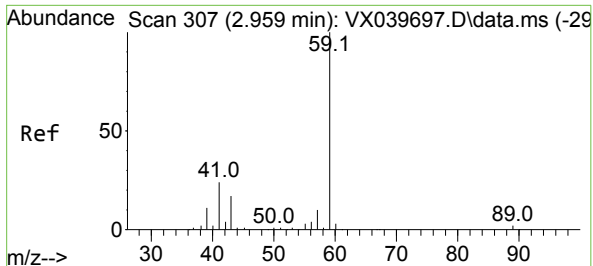
Tgt Ion: 94 Resp: 178

Ion Ratio Lower Upper

94 100

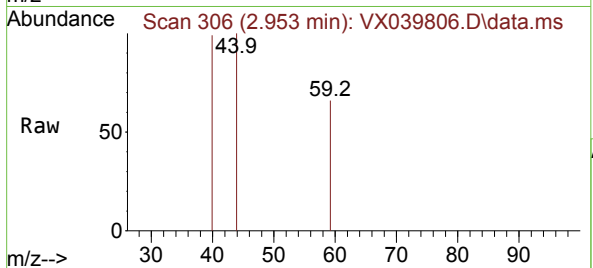
96 0.0 74.6 111.8#



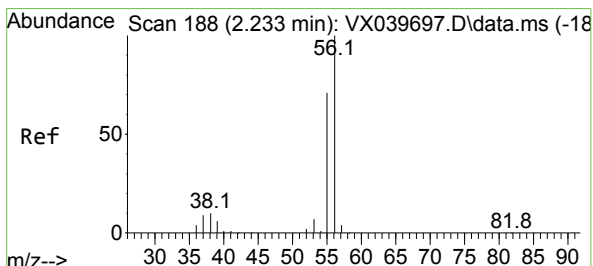
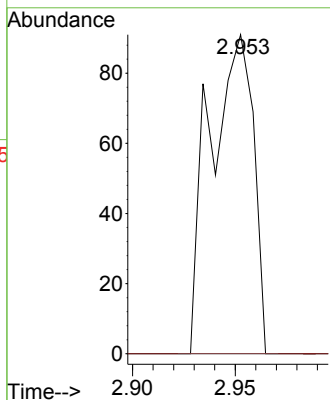
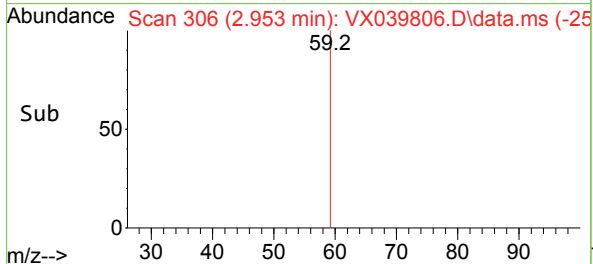


#11
Tert butyl alcohol
Concen: 0.319 ug/l
RT: 2.953 min Scan# 307
Delta R.T. -0.006 min
Lab File: VX039806.D
Acq: 18 Jan 2024 10:27

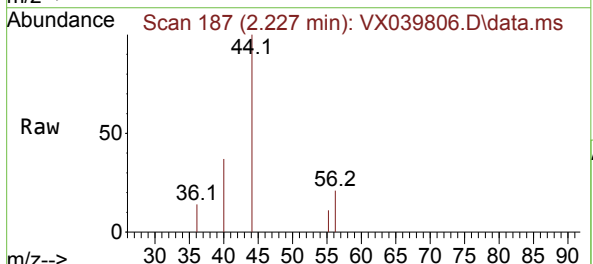
Instrument :
MSVOA_X
ClientSampleId :



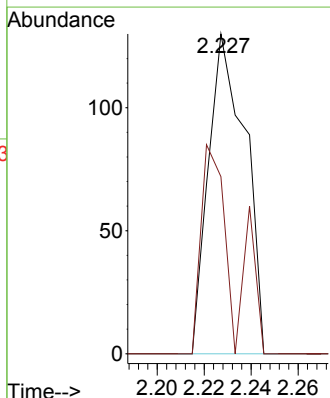
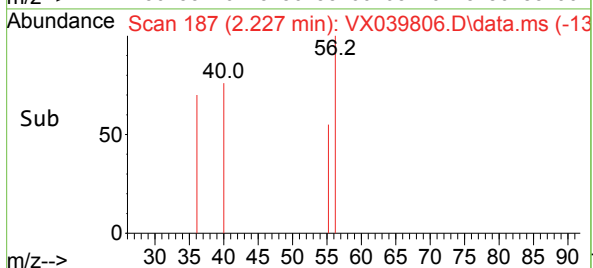
Tgt Ion: 59 Resp: 134
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

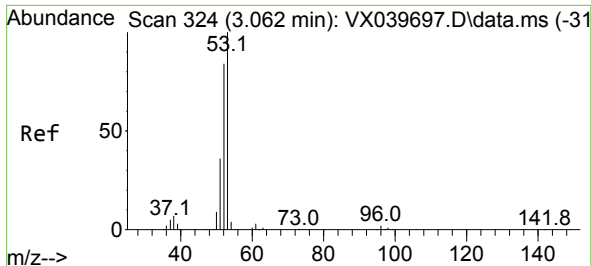


#13
Acrolein
Concen: Below Cal
RT: 2.227 min Scan# 187
Delta R.T. -0.006 min
Lab File: VX039806.D
Acq: 18 Jan 2024 10:27



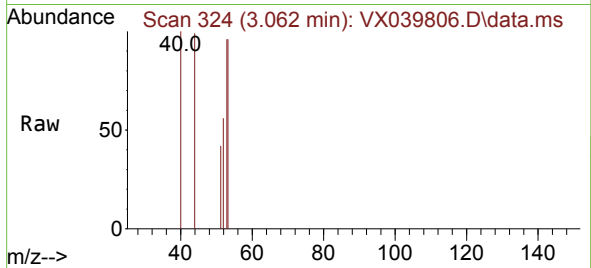
Tgt Ion: 56 Resp: 141
Ion Ratio Lower Upper
56 100
55 56.0 57.1 85.7#



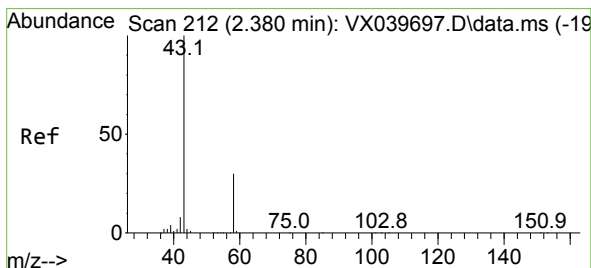
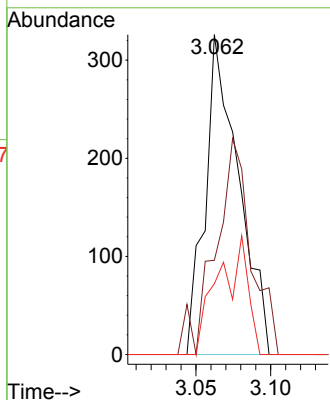


#15
Acrylonitrile
Concen: 0.583 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX039806.D
Acq: 18 Jan 2024 10:27

Instrument :
MSVOA_X
ClientSampleId :

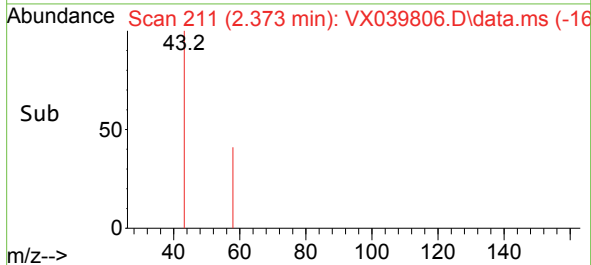
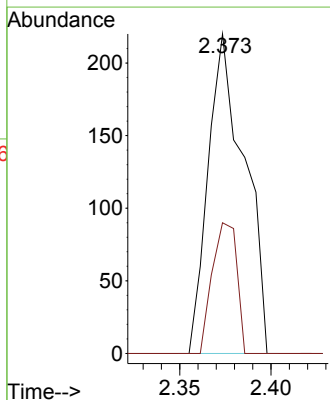
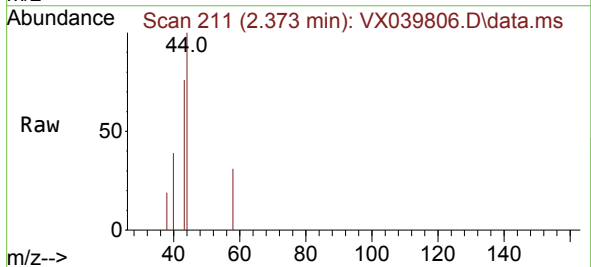


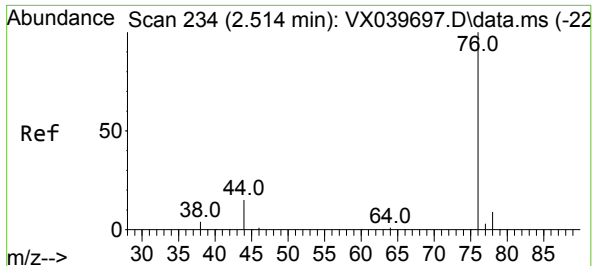
Tgt Ion: 53	Resp:	506
Ion	Ratio	Lower Upper
53	100	
52	72.5	66.0 99.0
51	32.8	29.8 44.6



#16
Acetone
Concen: 0.335 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039806.D
Acq: 18 Jan 2024 10:27

Tgt Ion: 43	Resp:	304
Ion	Ratio	Lower Upper
43	100	
58	40.9	21.9 32.9#





#17

Carbon Disulfide

Concen: 0.453 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

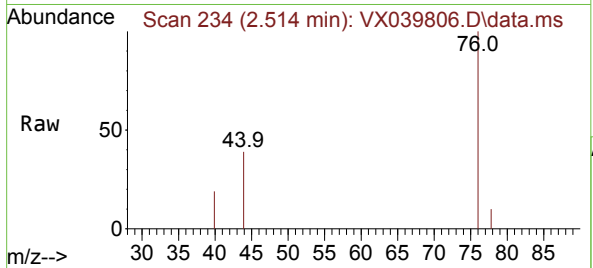
Lab File: VX039806.D

Acq: 18 Jan 2024 10:27

Instrument :

MSVOA_X

ClientSampleId :

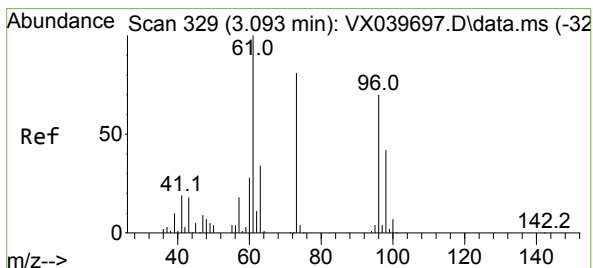
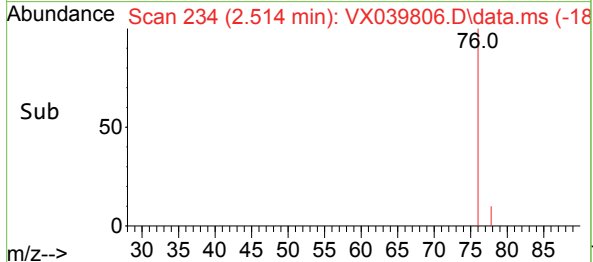
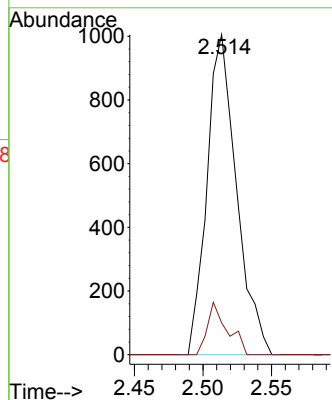


Tgt Ion: 76 Resp: 1511

Ion Ratio Lower Upper

76 100

78 10.0 7.0 10.6



#21

trans-1,2-Dichloroethene

Concen: 0.209 ug/l

RT: 3.105 min Scan# 331

Delta R.T. 0.012 min

Lab File: VX039806.D

Acq: 18 Jan 2024 10:27

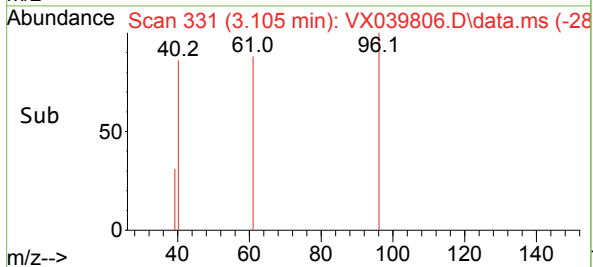
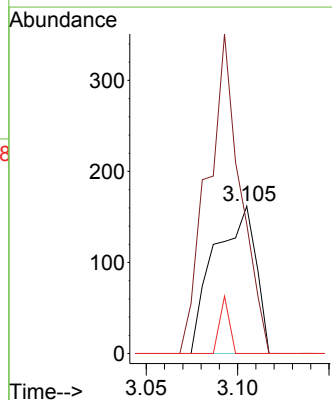
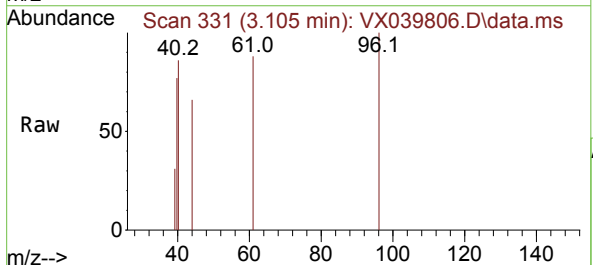
Tgt Ion: 96 Resp: 255

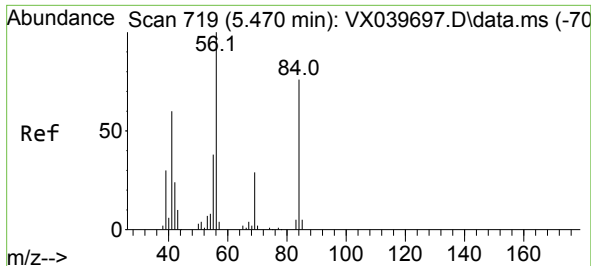
Ion Ratio Lower Upper

96 100

61 87.7 119.2 178.8#

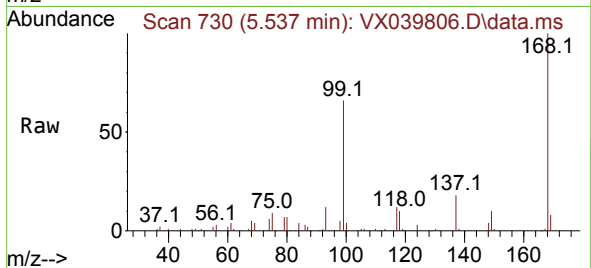
98 0.0 48.7 73.1#



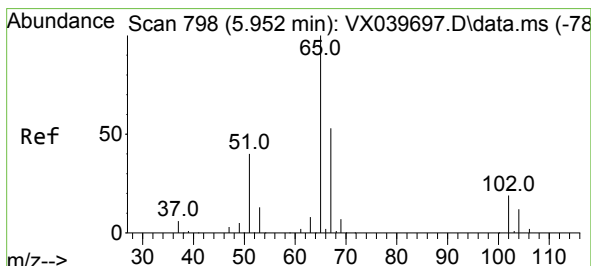
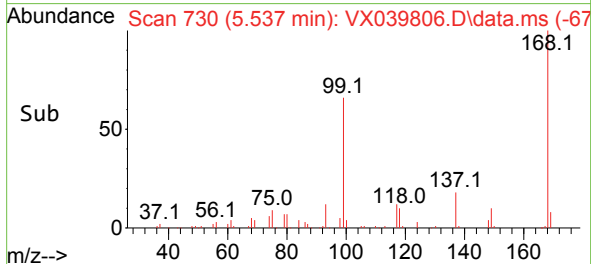
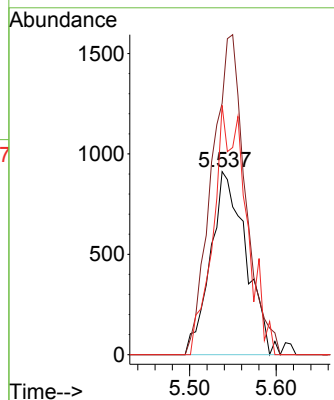


#31
Cyclohexane
Concen: 1.217 ug/l
RT: 5.537 min Scan# 719
Delta R.T. 0.067 min
Lab File: VX039806.D
Acq: 18 Jan 2024 10:27

Instrument :
MSVOA_X
ClientSampleId :

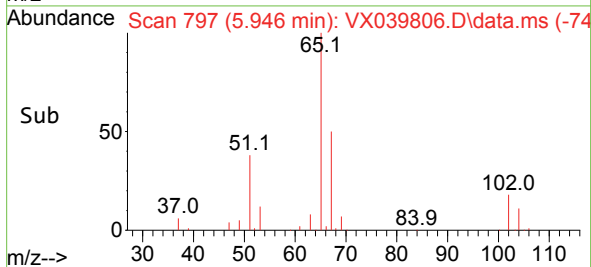
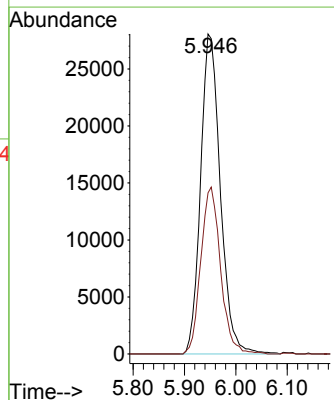
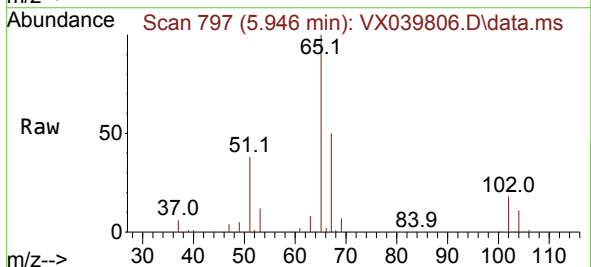


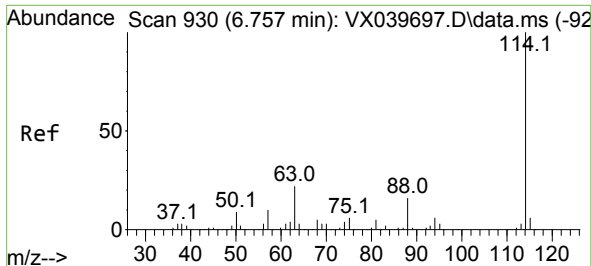
Tgt Ion: 56 Resp: 2592
Ion Ratio Lower Upper
56 100
69 137.3 23.4 35.2#
84 136.2 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.434 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX039806.D
Acq: 18 Jan 2024 10:27

Tgt Ion: 65 Resp: 74927
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.2

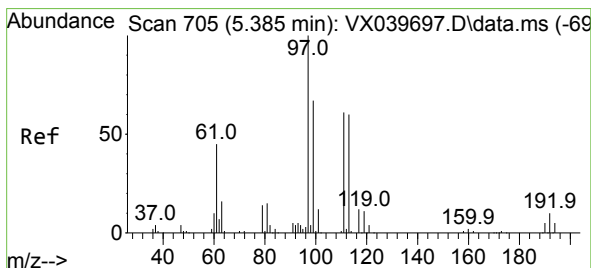
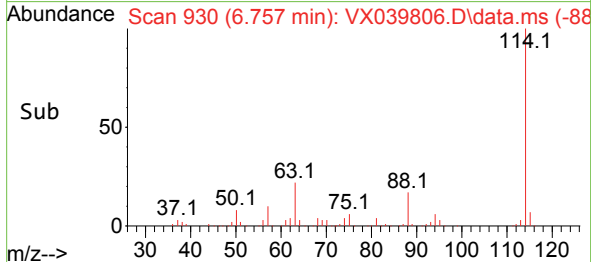
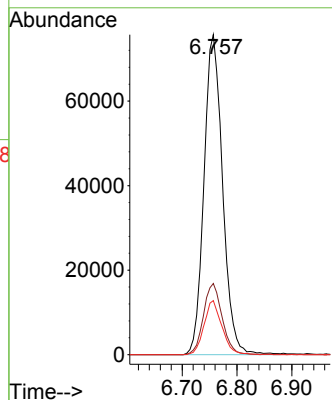
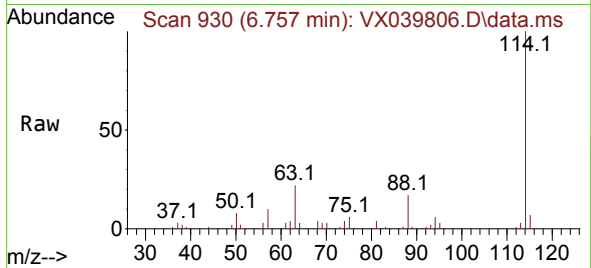




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX039806.D
Acq: 18 Jan 2024 10:27

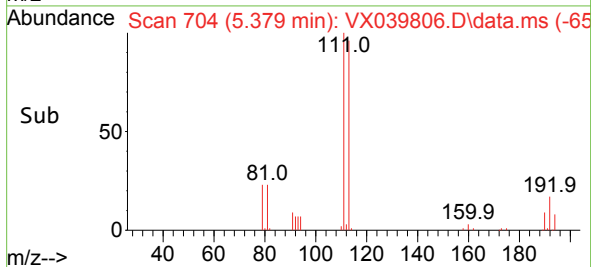
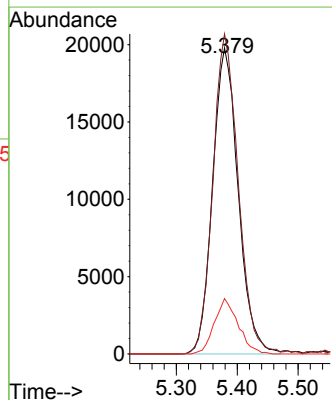
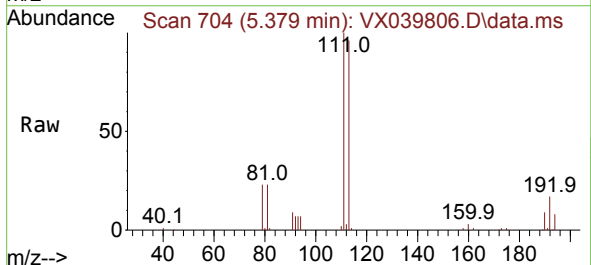
Instrument :
MSVOA_X
ClientSampleId :

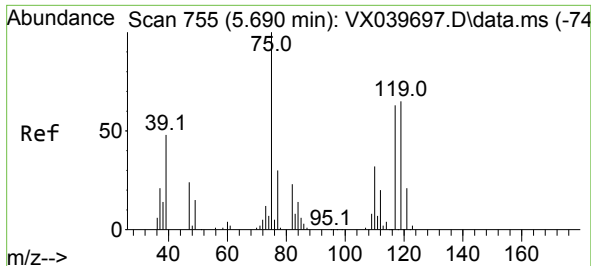
Tgt Ion:114 Resp: 178624
Ion Ratio Lower Upper
114 100
63 22.3 0.0 45.0
88 16.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.011 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX039806.D
Acq: 18 Jan 2024 10:27

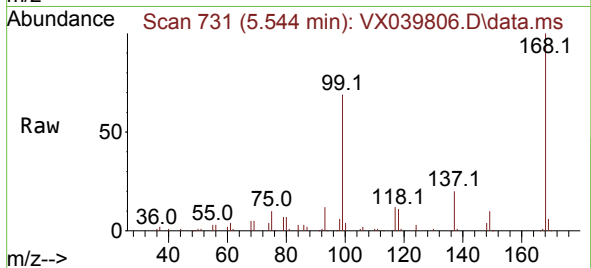
Tgt Ion:113 Resp: 57762
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 16.8 13.3 19.9



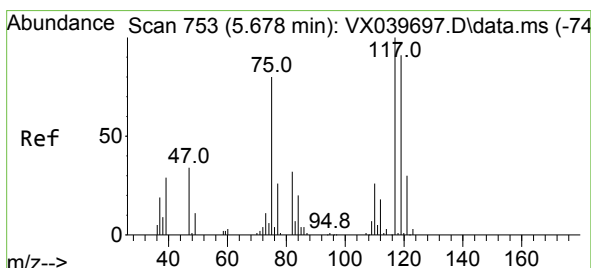
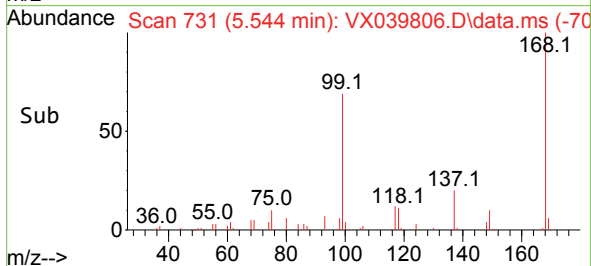
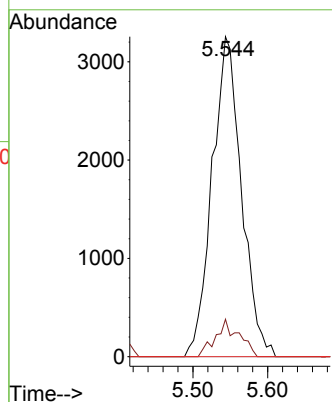


#36
1,1-Dichloropropene
Concen: 4.741 ug/l
RT: 5.544 min Scan# 711
Delta R.T. -0.146 min
Lab File: VX039806.D
Acq: 18 Jan 2024 10:27

Instrument :
MSVOA_X
ClientSampleId :

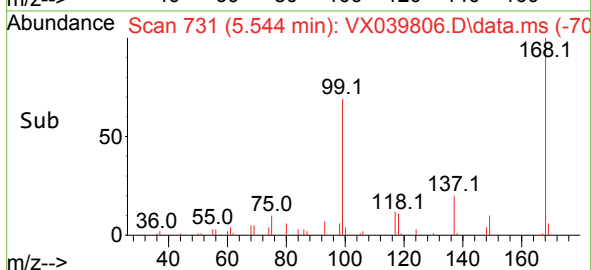
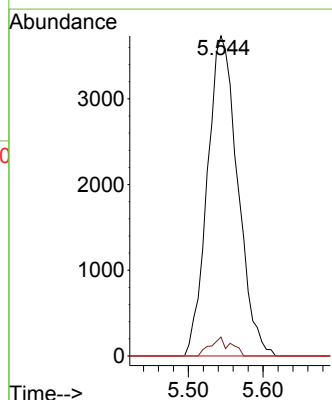
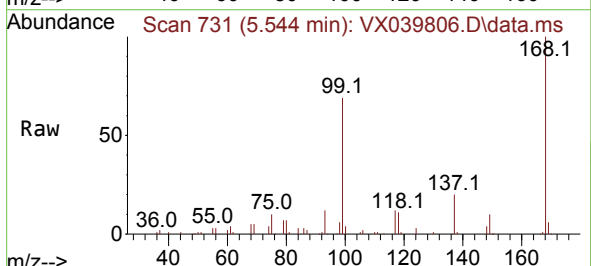


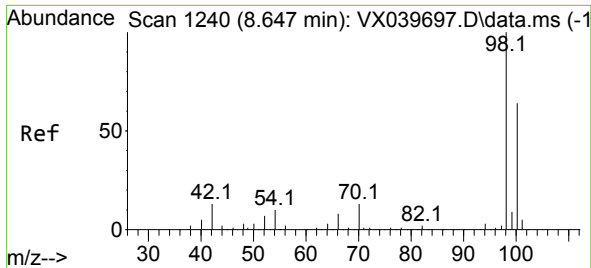
Tgt Ion: 75 Resp: 8878
Ion Ratio Lower Upper
75 100
110 9.3 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.136 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.134 min
Lab File: VX039806.D
Acq: 18 Jan 2024 10:27

Tgt Ion: 117 Resp: 10525
Ion Ratio Lower Upper
117 100
119 5.9 78.2 117.2#
121 0.0 24.4 36.6#

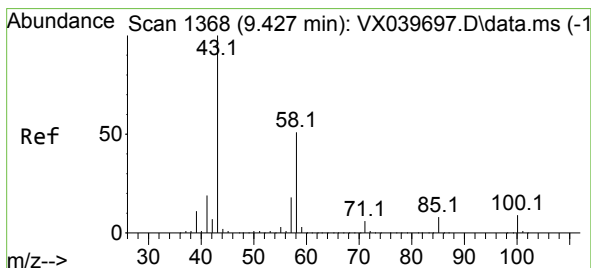
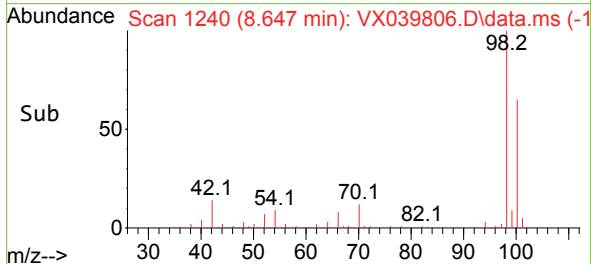
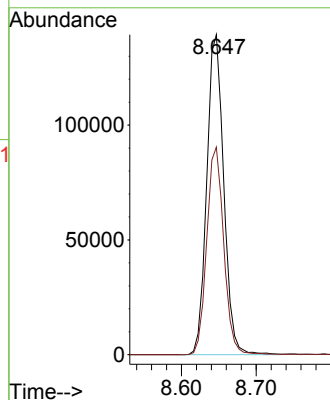
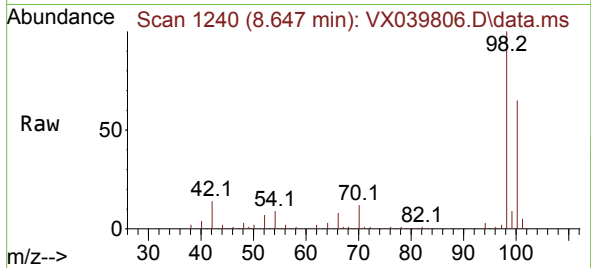




#50
Toluene-d8
Concen: 48.399 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX039806.D
Acq: 18 Jan 2024 10:27

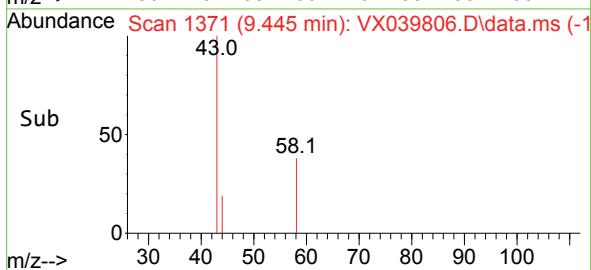
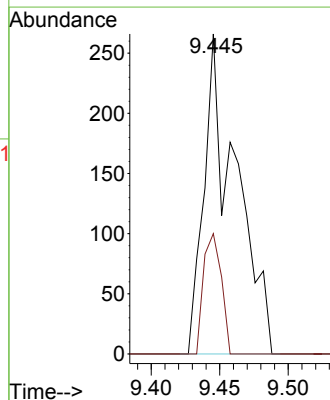
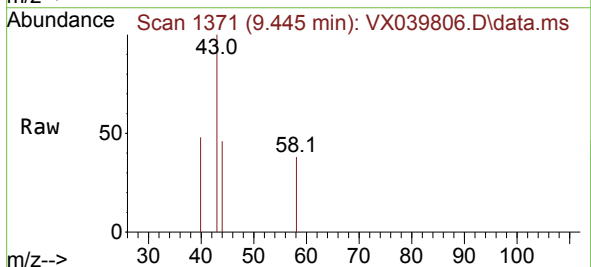
Instrument :
MSVOA_X
ClientSampleId :

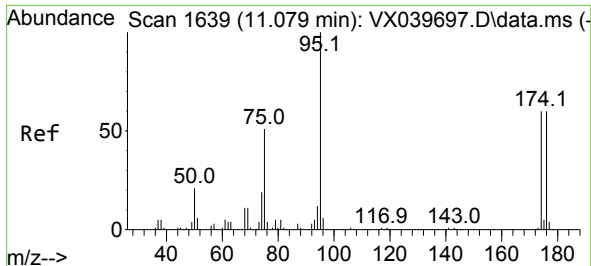
Tgt Ion: 98 Resp: 219615
Ion Ratio Lower Upper
98 100
100 65.0 53.1 79.7



#59
2-Hexanone
Concen: 0.215 ug/l
RT: 9.445 min Scan# 1371
Delta R.T. 0.018 min
Lab File: VX039806.D
Acq: 18 Jan 2024 10:27

Tgt Ion: 43 Resp: 430
Ion Ratio Lower Upper
43 100
58 20.9 26.2 78.5#

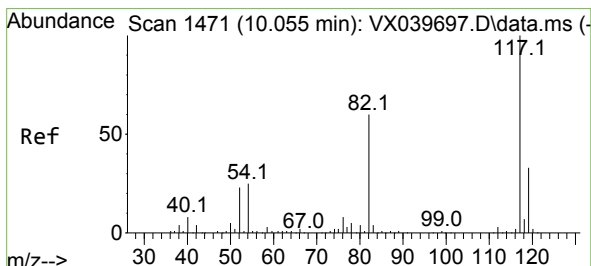
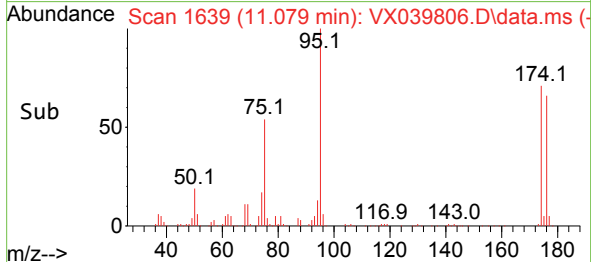
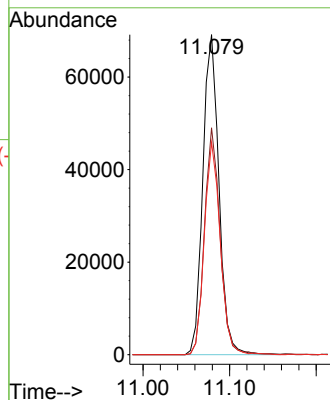
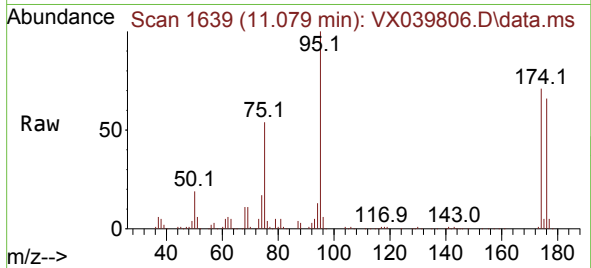




#62
4-Bromofluorobenzene
Concen: 50.358 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX039806.D
Acq: 18 Jan 2024 10:27

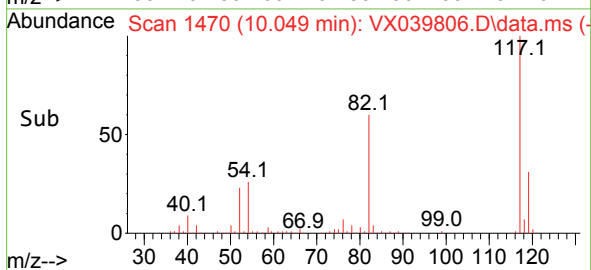
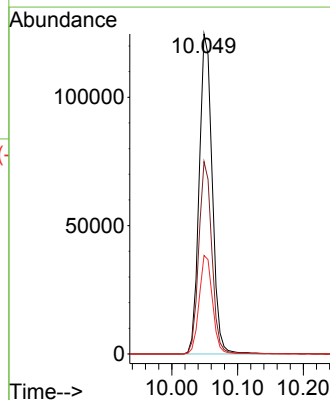
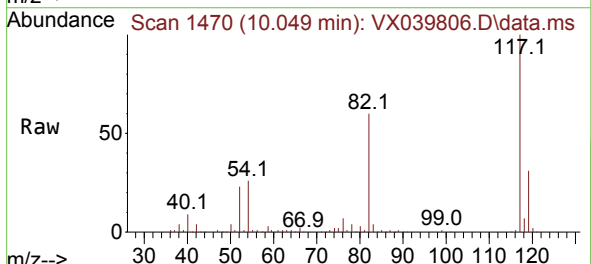
Instrument :
MSVOA_X
ClientSampleId :

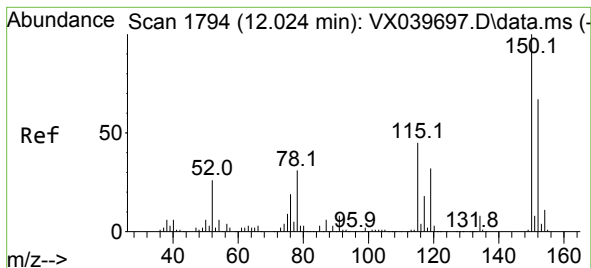
Tgt Ion: 95 Resp: 89357
Ion Ratio Lower Upper
95 100
174 68.6 0.0 135.6
176 65.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX039806.D
Acq: 18 Jan 2024 10:27

Tgt Ion: 117 Resp: 171898
Ion Ratio Lower Upper
117 100
82 60.1 46.2 69.4
119 30.8 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: VX039806.D

Acq: 18 Jan 2024 10:27

Instrument :

MSVOA_X

ClientSampleId :

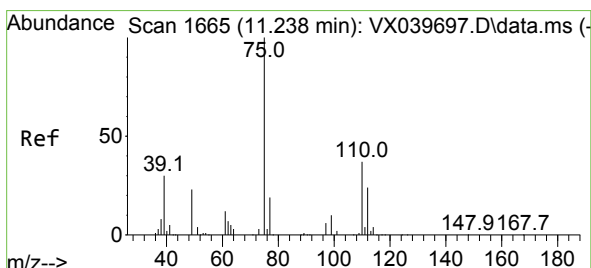
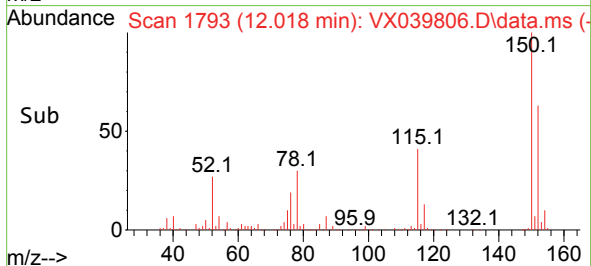
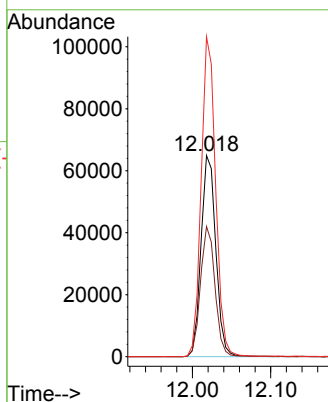
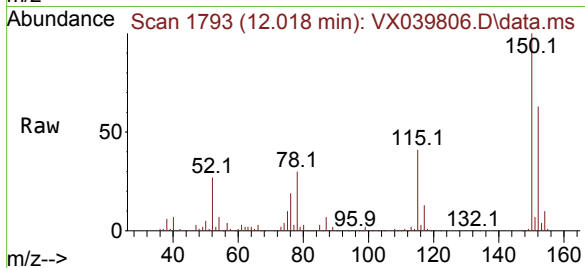
Tgt Ion:152 Resp: 85028

Ion Ratio Lower Upper

152 100

115 63.8 43.3 129.9

150 155.5 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.250 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX039806.D

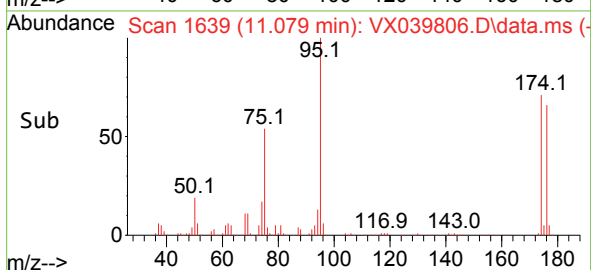
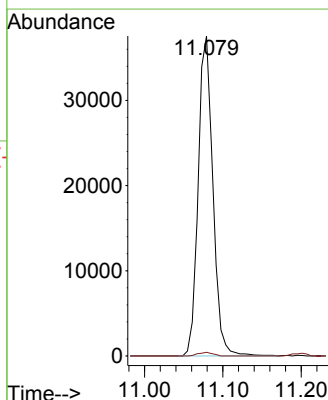
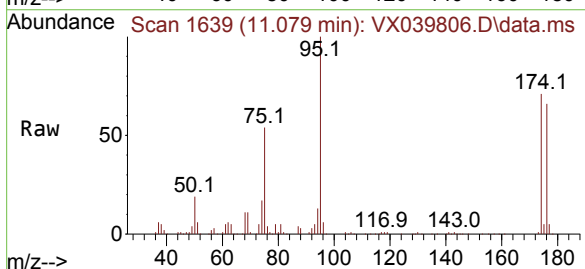
Acq: 18 Jan 2024 10:27

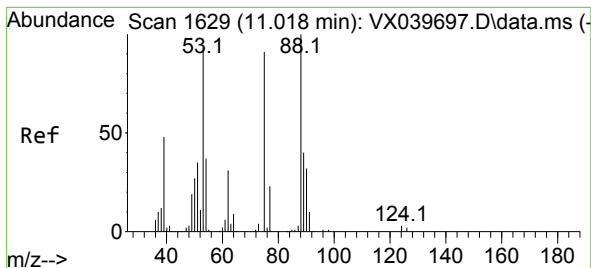
Tgt Ion: 75 Resp: 49049

Ion Ratio Lower Upper

75 100

77 1.1 19.1 57.5#

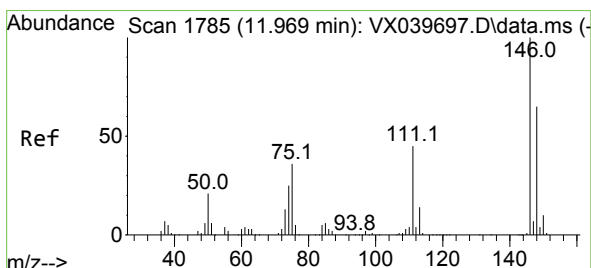
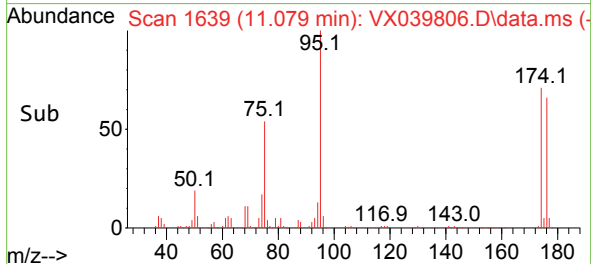
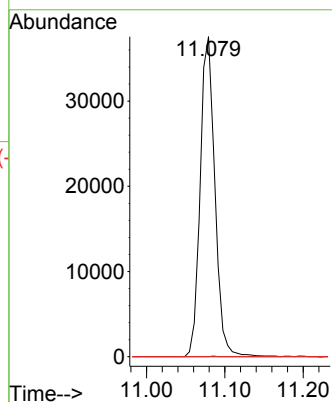
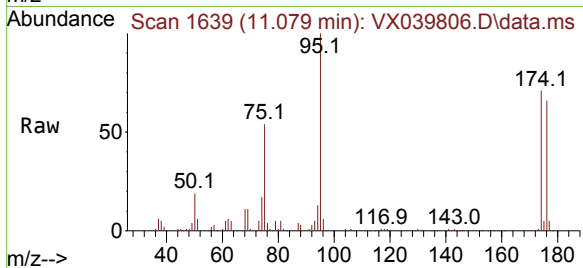




#81
trans-1,4-Dichloro-2-butene
Concen: 64.491 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX039806.D
Acq: 18 Jan 2024 10:27

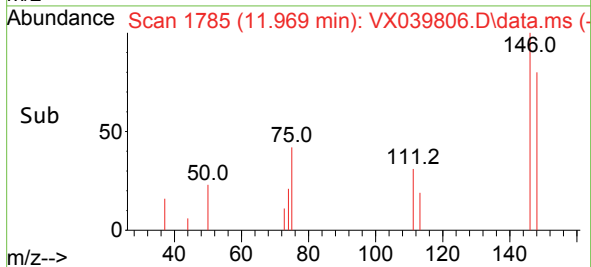
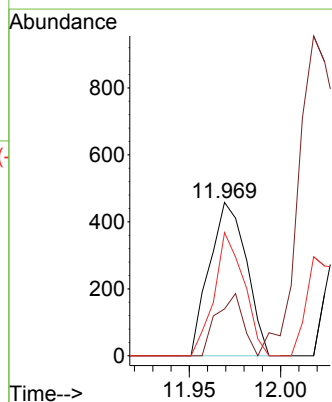
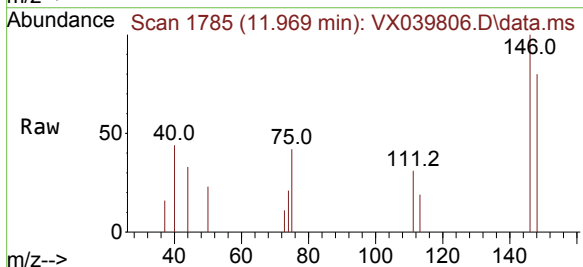
Instrument :
MSVOA_X
ClientSampleId :

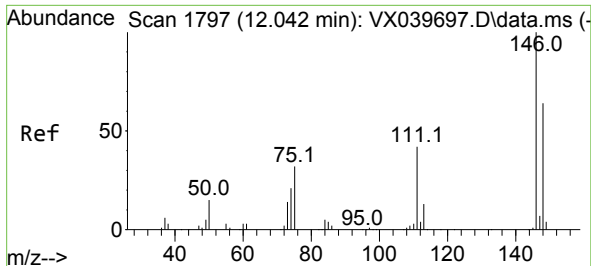
Tgt Ion: 75 Resp: 49049
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#



#87
1,3-Dichlorobenzene
Concen: 0.223 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX039806.D
Acq: 18 Jan 2024 10:27

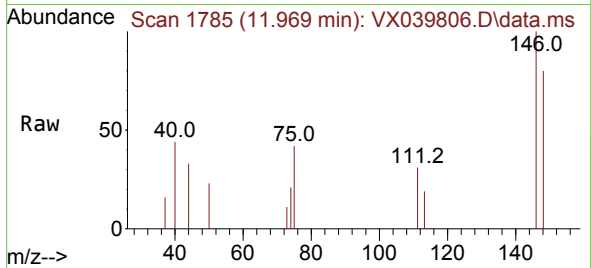
Tgt Ion:146 Resp: 644
Ion Ratio Lower Upper
146 100
111 29.0 22.1 66.1
148 65.2 31.8 95.3



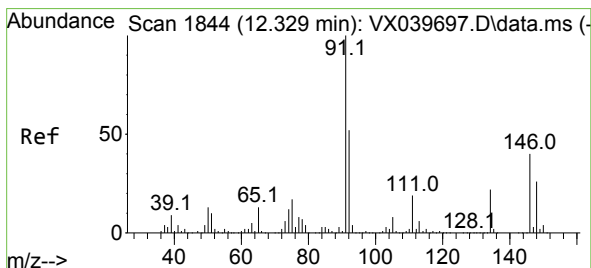
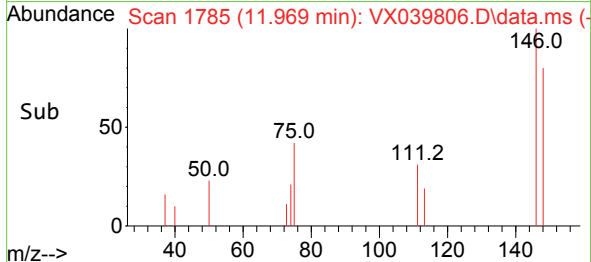
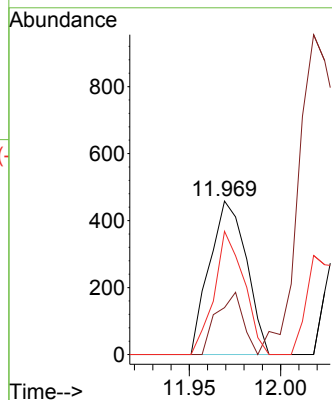


#88
1,4-Dichlorobenzene
Concen: 0.216 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.073 min
Lab File: VX039806.D
Acq: 18 Jan 2024 10:27

Instrument :
MSVOA_X
ClientSampleId :

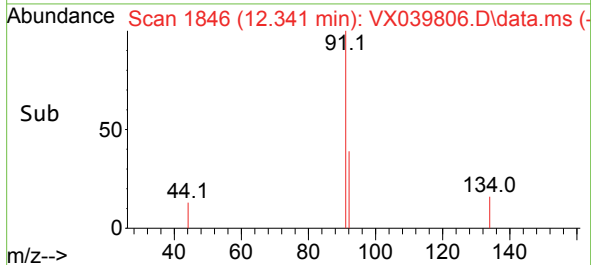
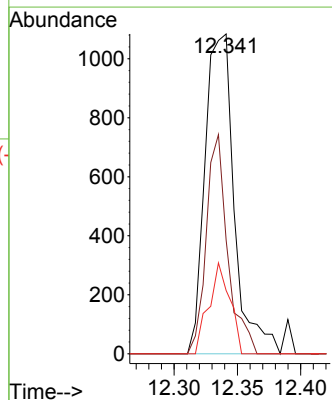
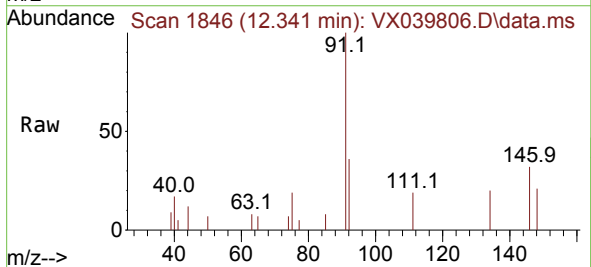


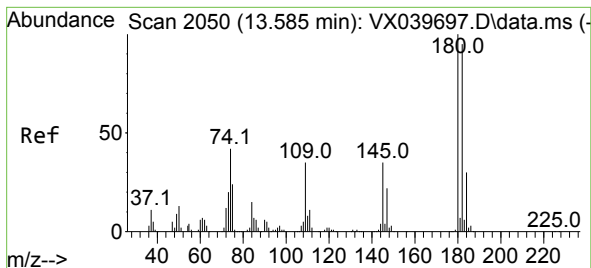
Tgt Ion:146 Resp: 644
Ion Ratio Lower Upper
146 100
111 29.0 21.3 63.7
148 65.2 31.8 95.4



#89
n-Butylbenzene
Concen: 0.317 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.012 min
Lab File: VX039806.D
Acq: 18 Jan 2024 10:27

Tgt Ion: 91 Resp: 1744
Ion Ratio Lower Upper
91 100
92 50.4 27.4 82.0
134 20.5 12.6 37.8





#93

1,2,4-Trichlorobenzene

Concen: 0.600 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX039806.D

Acq: 18 Jan 2024 10:27

Instrument :

MSVOA_X

ClientSampleId :

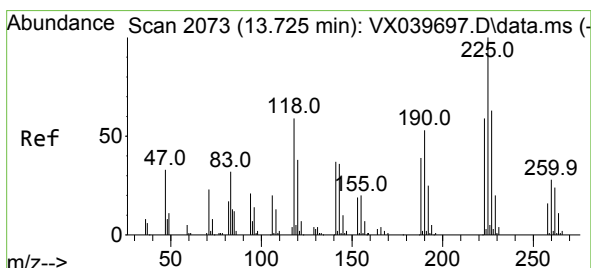
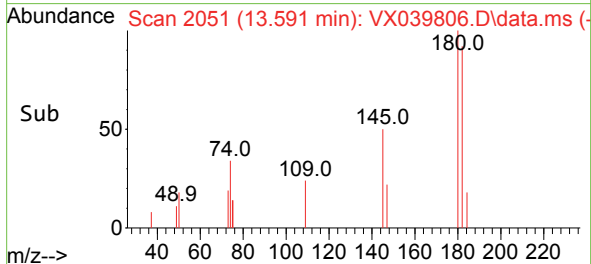
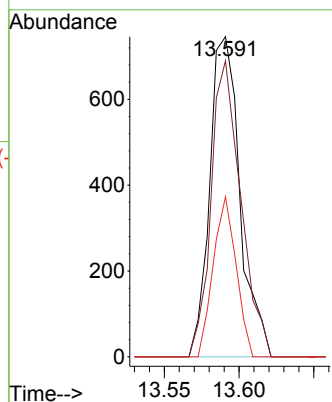
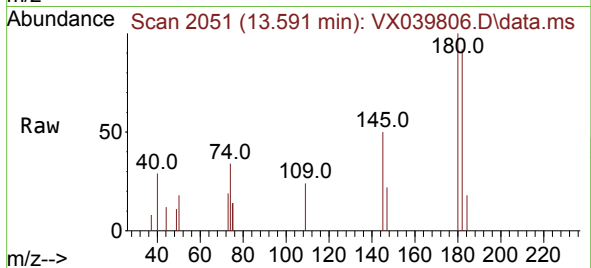
Tgt Ion:180 Resp: 1048

Ion Ratio Lower Upper

180 100

182 90.8 48.3 144.8

145 37.8 18.0 54.0



#94

Hexachlorobutadiene

Concen: 0.746 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX039806.D

Acq: 18 Jan 2024 10:27

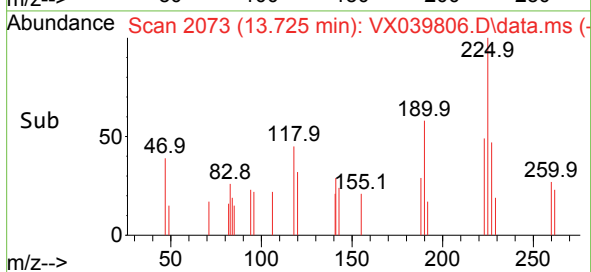
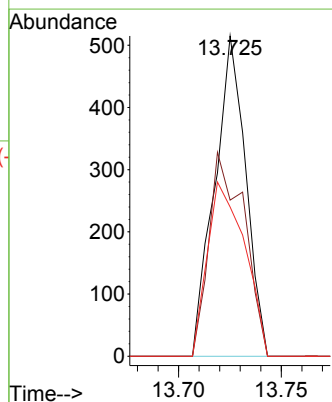
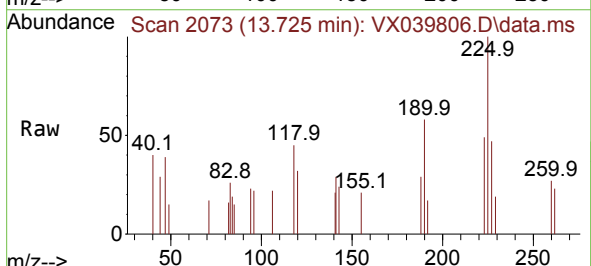
Tgt Ion:225 Resp: 541

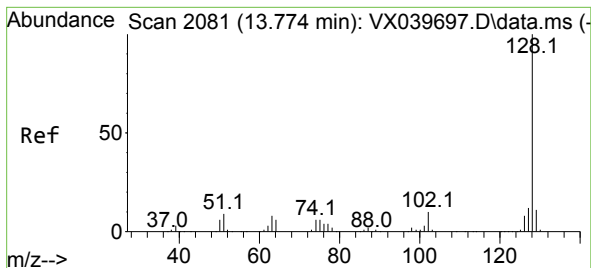
Ion Ratio Lower Upper

225 100

223 72.3 31.1 93.2

227 65.2 32.5 97.5





#95

Naphthalene

Concen: 0.637 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX039806.D

Acq: 18 Jan 2024 10:27

Instrument :

MSVOA_X

ClientSampleId :

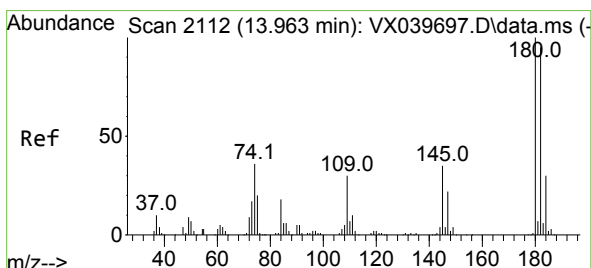
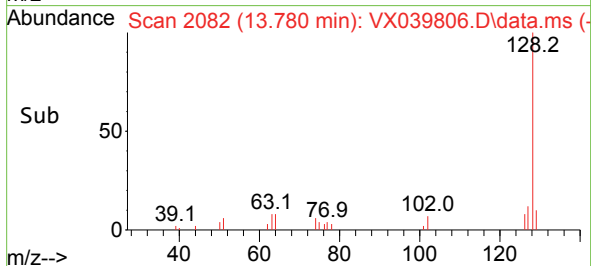
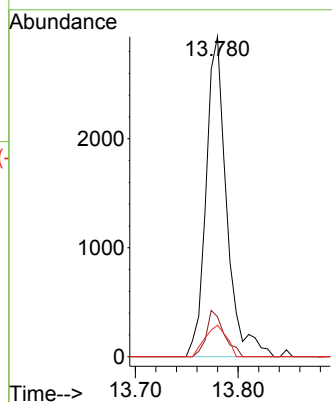
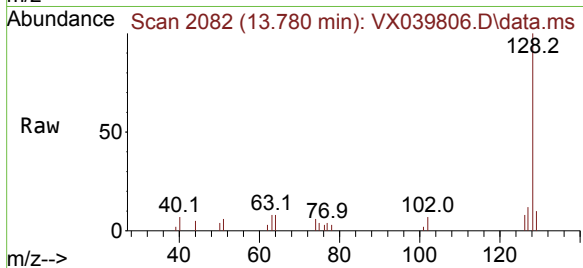
Tgt Ion:128 Resp: 4096

Ion Ratio Lower Upper

128 100

127 12.5 10.3 15.5

129 10.2 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 0.523 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX039806.D

Acq: 18 Jan 2024 10:27

Tgt Ion:180 Resp: 921

Ion Ratio Lower Upper

180 100

182 100.3 46.9 140.6

145 31.7 17.8 53.5

