

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011724\
 Data File : VX039788.D
 Acq On : 17 Jan 2024 09:49
 Operator : JC/MD
 Sample : VX0117MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117MBL01

Quant Time: Jan 18 02:37:16 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)

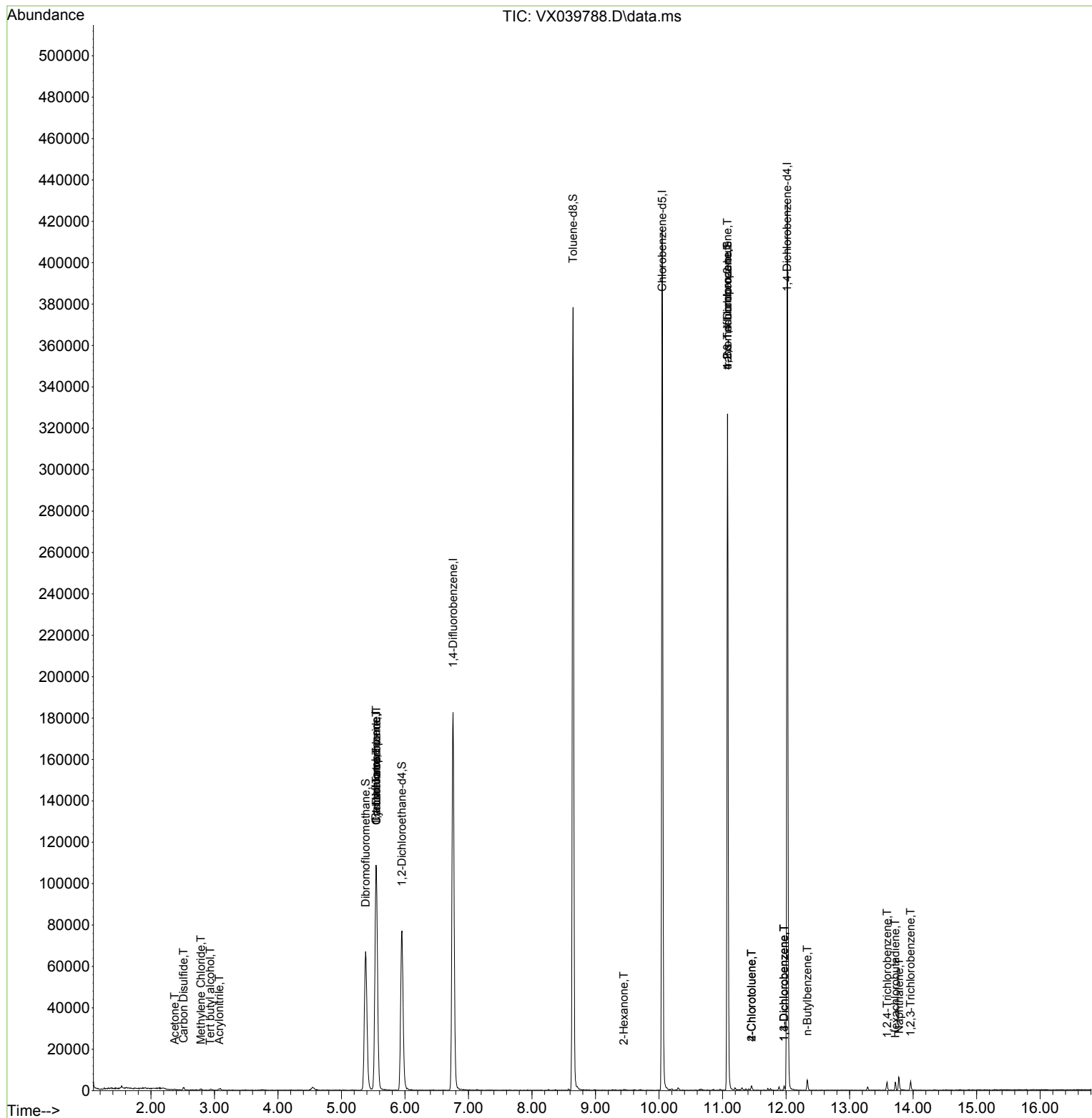
Internal Standards						
1) Pentafluorobenzene	5.543	168	97523	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	179791	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	173230	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	81656	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74496	45.601	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.200%		
35) Dibromofluoromethane	5.379	113	58440	48.259	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.520%		
50) Toluene-d8	8.647	98	221621	48.524	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.040%		
62) 4-Bromofluorobenzene	11.079	95	87851	49.188	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.380%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.934	59	172	0.404	ug/l #	78
13) Acrolein	2.227	56	168	Below Cal	#	75
15) Acrylonitrile	3.074	53	543	0.618	ug/l #	91
16) Acetone	2.373	43	406	0.442	ug/l	94
17) Carbon Disulfide	2.514	76	1497	0.444	ug/l #	88
20) Methylene Chloride	2.788	84	315	0.227	ug/l #	90
31) Cyclohexane	5.550	56	2769	1.284	ug/l #	11
36) 1,1-Dichloropropene	5.550	75	8696	4.613	ug/l #	51
38) Carbon Tetrachloride	5.550	117	10896	6.311	ug/l #	14
59) 2-Hexanone	9.445	43	412	0.205	ug/l	81
76) 1,2,3-Trichloropropane	11.079	75	48424	22.874	ug/l #	39
79) 2-Chlorotoluene	11.457	91	1114	0.229	ug/l	86
81) trans-1,4-Dichloro-2-b...	11.079	75	48424	66.093	ug/l #	5
82) 4-Chlorotoluene	11.457	91	1114	0.202	ug/l	93
87) 1,3-Dichlorobenzene	11.969	146	767	0.276	ug/l	94
88) 1,4-Dichlorobenzene	11.969	146	767	0.268	ug/l	93
89) n-Butylbenzene	12.335	91	1981	0.375	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	1058	0.631	ug/l	88
94) Hexachlorobutadiene	13.719	225	586	0.841	ug/l	86
95) Naphthalene	13.780	128	4439	0.719	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	1055	0.624	ug/l	96

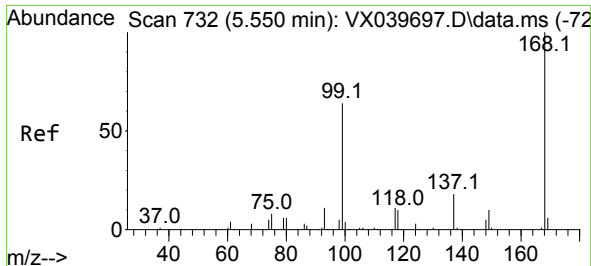
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : VX0117MBL01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0117MBL01

Quant Time: Jan 18 02:37:16 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

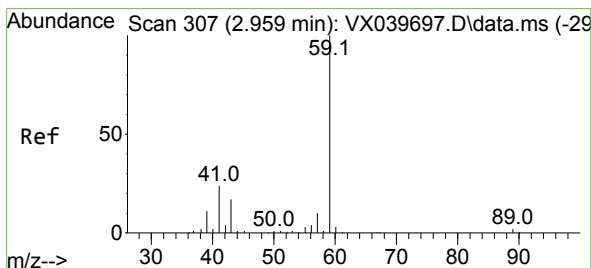
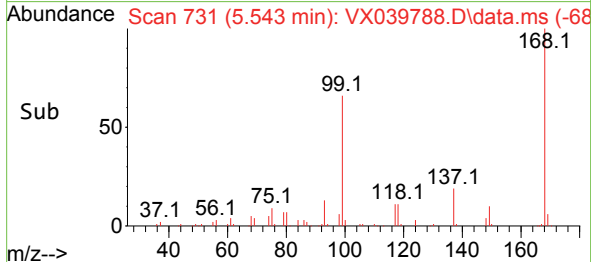
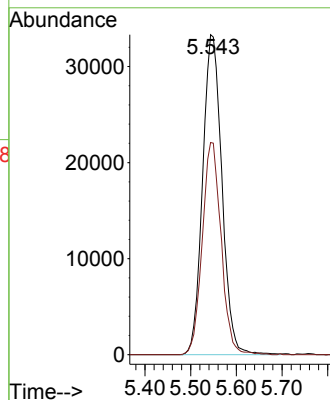
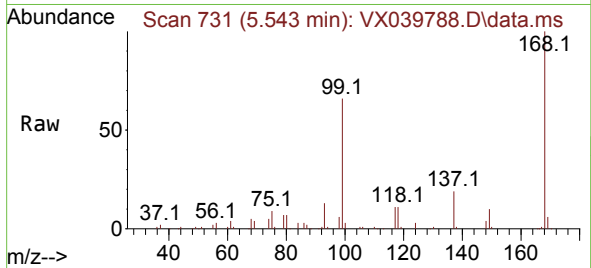




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.543 min Scan# 71
Delta R.T. -0.007 min
Lab File: VX039788.D
Acq: 17 Jan 2024 09:49

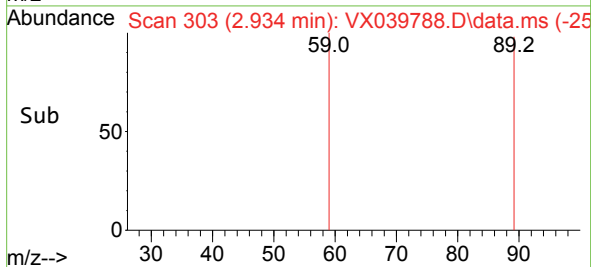
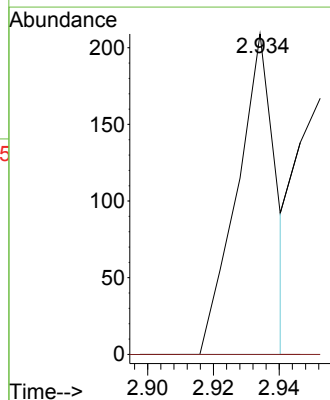
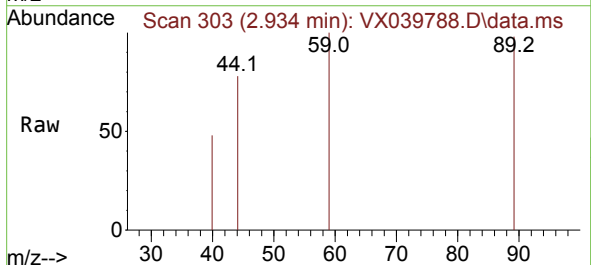
Instrument :
MSVOA_X
ClientSampleId :
VX0117MBL01

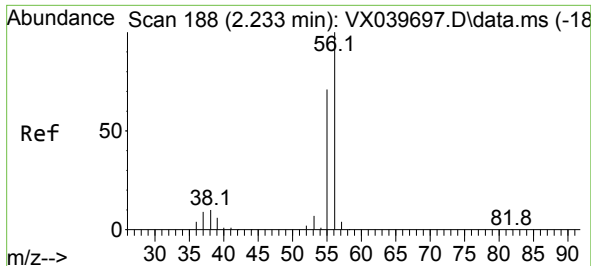
Tgt Ion:168 Resp: 97523
Ion Ratio Lower Upper
168 100
99 66.3 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.404 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.025 min
Lab File: VX039788.D
Acq: 17 Jan 2024 09:49

Tgt Ion: 59 Resp: 172
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

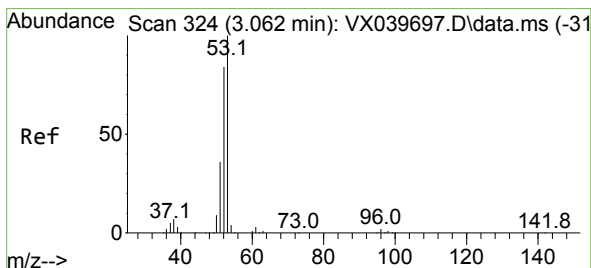
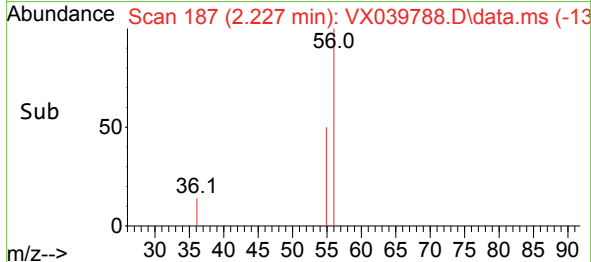
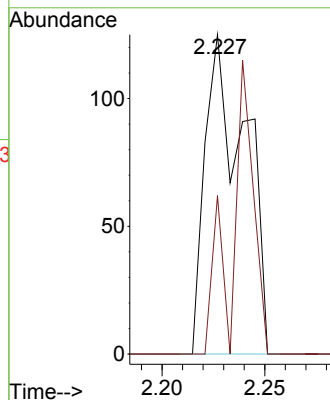
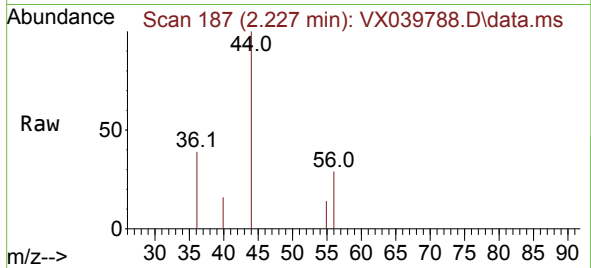




#13
Acrolein
Concen: Below Cal
RT: 2.227 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039788.D
Acq: 17 Jan 2024 09:49

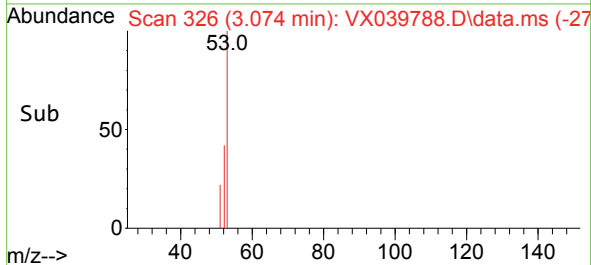
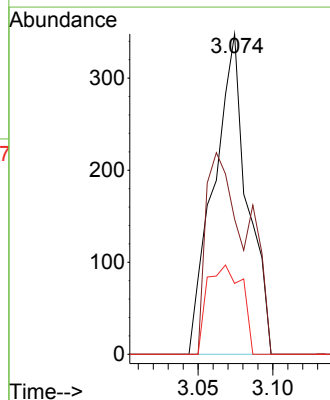
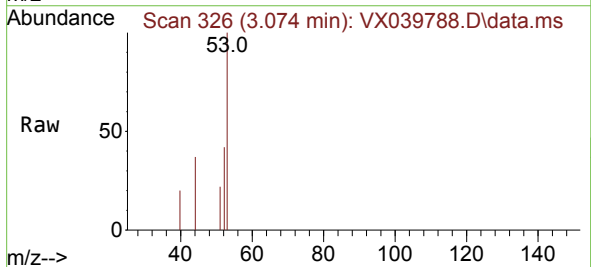
Instrument :
MSVOA_X
ClientSampleId :
VX0117MBL01

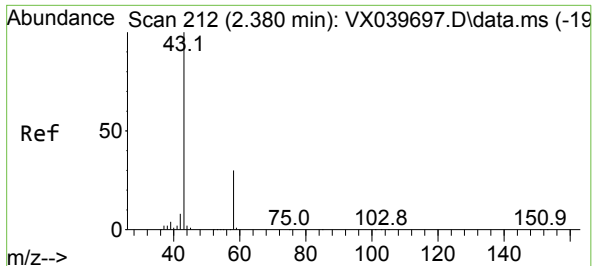
Tgt Ion: 56 Resp: 168
Ion Ratio Lower Upper
56 100
55 50.6 57.1 85.7#



#15
Acrylonitrile
Concen: 0.618 ug/l
RT: 3.074 min Scan# 326
Delta R.T. 0.012 min
Lab File: VX039788.D
Acq: 17 Jan 2024 09:49

Tgt Ion: 53 Resp: 543
Ion Ratio Lower Upper
53 100
52 76.2 66.0 99.0
51 28.5 29.8 44.6#

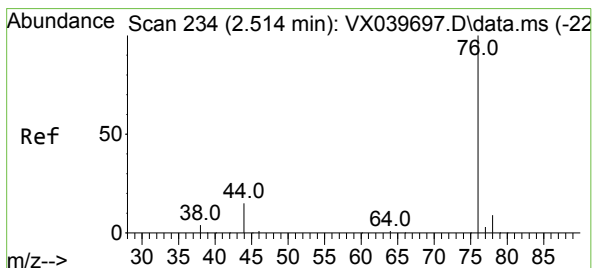
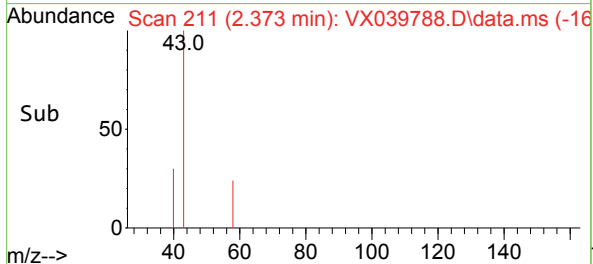
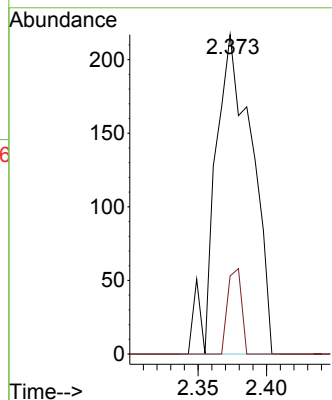
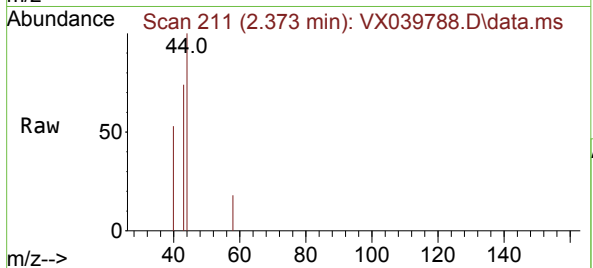




#16
Acetone
Concen: 0.442 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039788.D
Acq: 17 Jan 2024 09:49

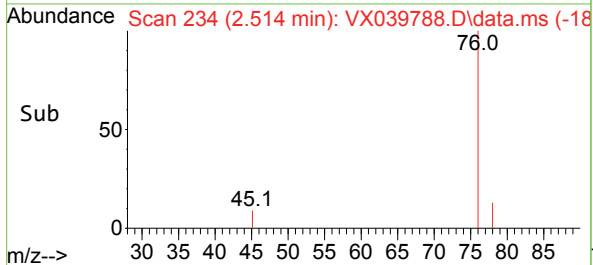
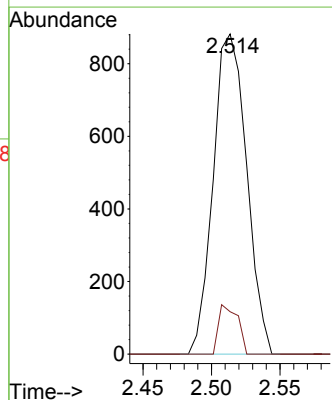
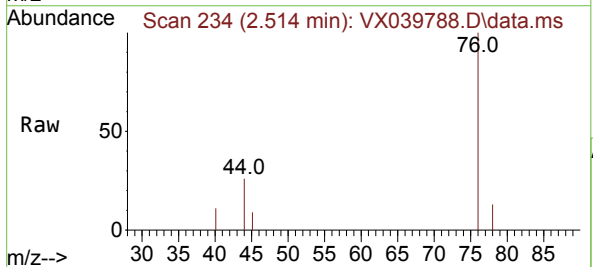
Instrument :
MSVOA_X
ClientSampleId :
VX0117MBL01

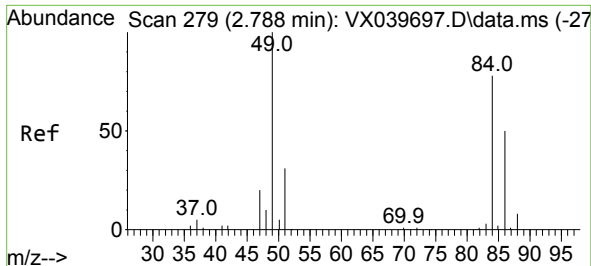
Tgt Ion: 43 Resp: 406
Ion Ratio Lower Upper
43 100
58 24.4 21.9 32.9



#17
Carbon Disulfide
Concen: 0.444 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX039788.D
Acq: 17 Jan 2024 09:49

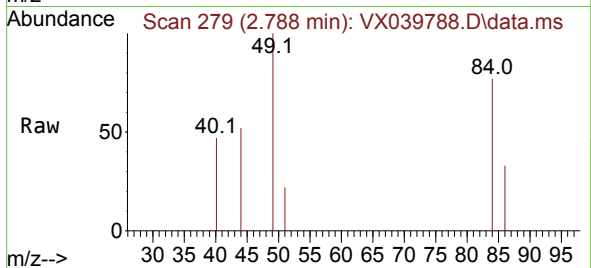
Tgt Ion: 76 Resp: 1497
Ion Ratio Lower Upper
76 100
78 13.3 7.0 10.6#





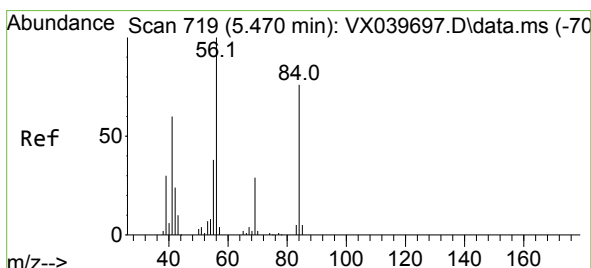
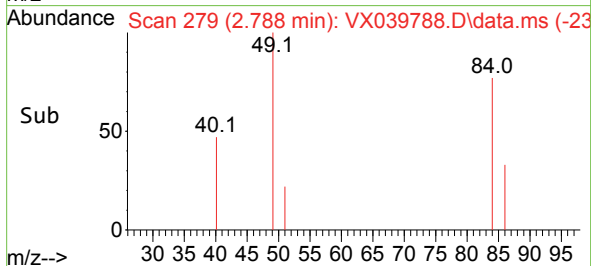
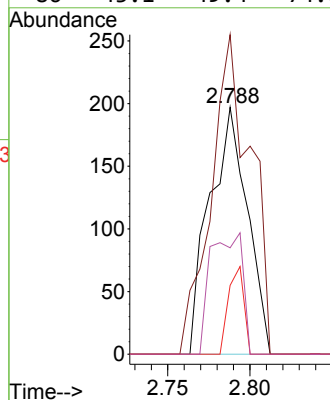
#20
Methylene Chloride
Concen: 0.227 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX039788.D
Acq: 17 Jan 2024 09:49

Instrument :
MSVOA_X
ClientSampleId :
VX0117MBL01



Tgt Ion: 84 Resp: 315

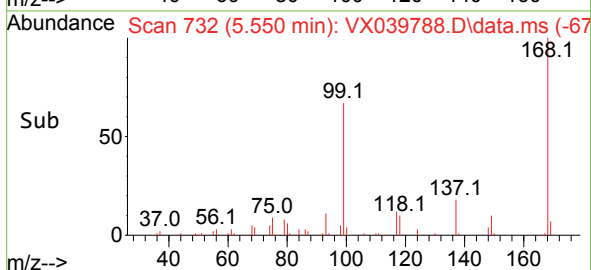
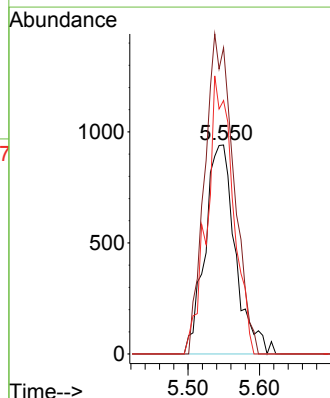
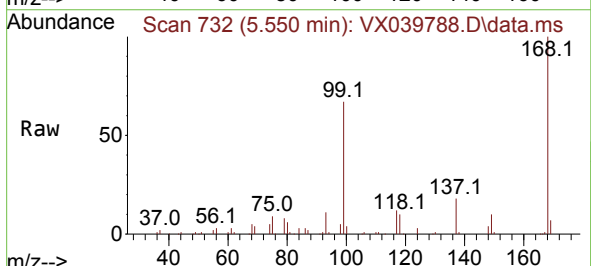
Ion	Ratio	Lower	Upper
84	100		
49	129.4	103.6	155.4
51	27.9	33.8	50.6#
86	43.1	49.4	74.0#

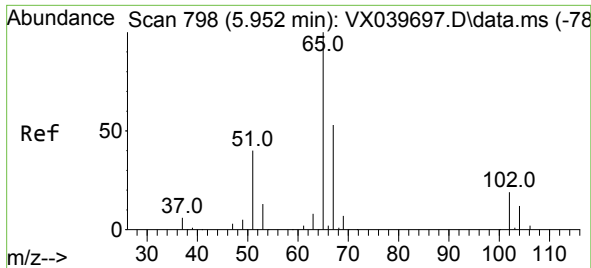


#31
Cyclohexane
Concen: 1.284 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX039788.D
Acq: 17 Jan 2024 09:49

Tgt Ion: 56 Resp: 2769

Ion	Ratio	Lower	Upper
56	100		
69	146.5	23.4	35.2#
84	121.3	65.9	98.9#

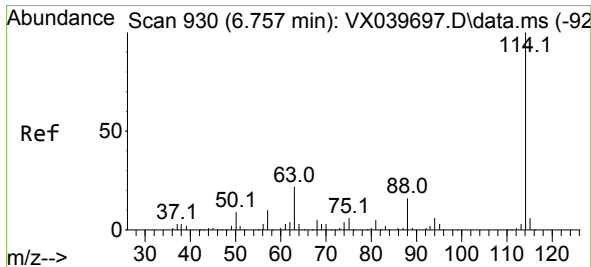
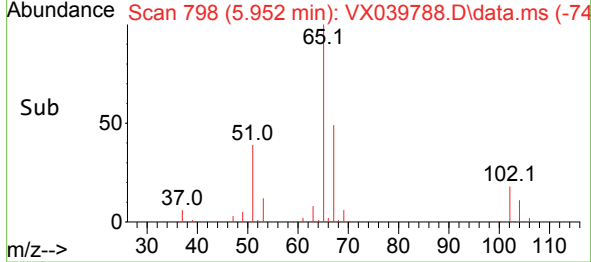
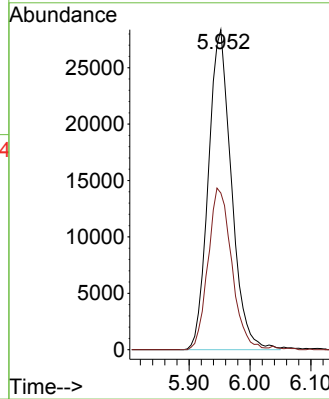
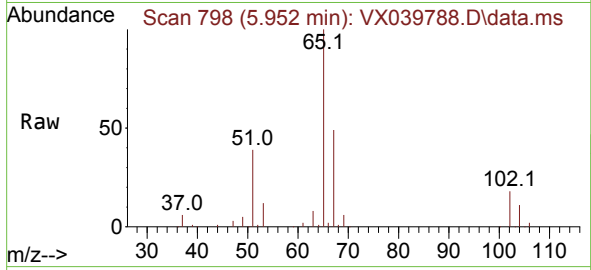




#33
1,2-Dichloroethane-d4
Concen: 45.601 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX039788.D
Acq: 17 Jan 2024 09:49

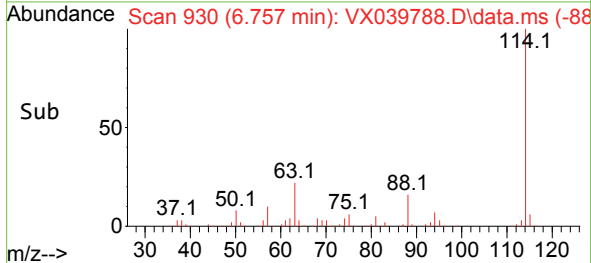
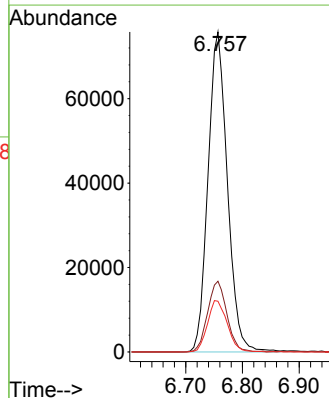
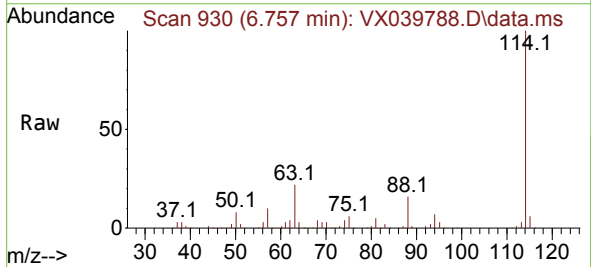
Instrument :
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ClientSampleId :
VX0117MBL01

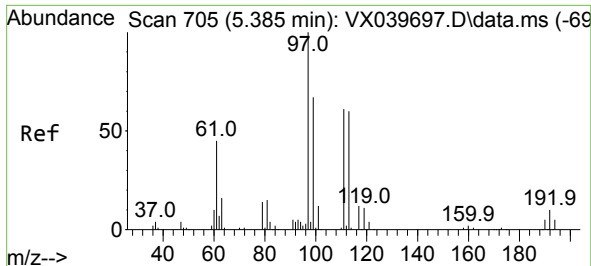
Tgt Ion: 65 Resp: 74496
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: VX039788.D
Acq: 17 Jan 2024 09:49

Tgt Ion: 114 Resp: 179791
Ion Ratio Lower Upper
114 100
63 22.1 0.0 45.0
88 15.9 0.0 36.6

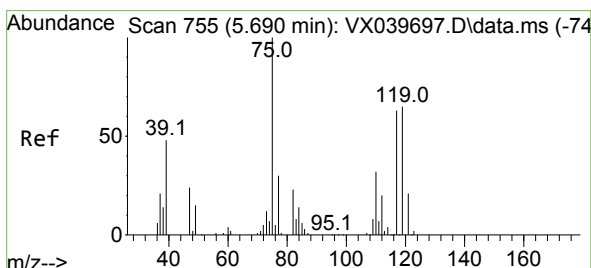
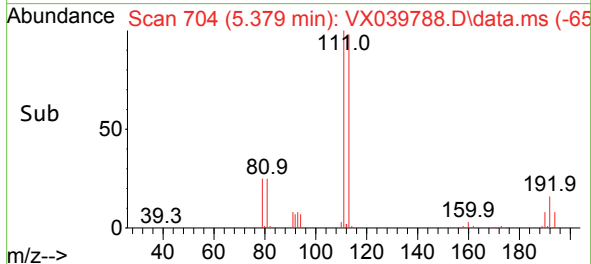
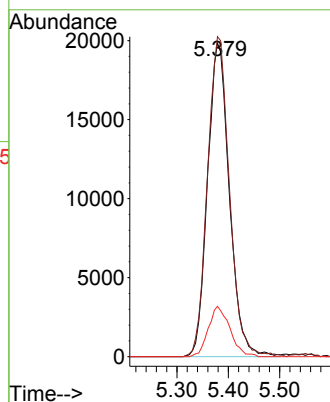
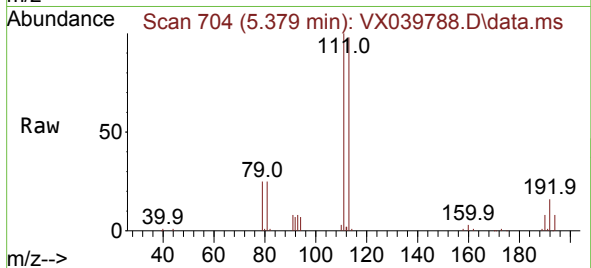




#35
Dibromofluoromethane
Concen: 48.259 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX039788.D
Acq: 17 Jan 2024 09:49

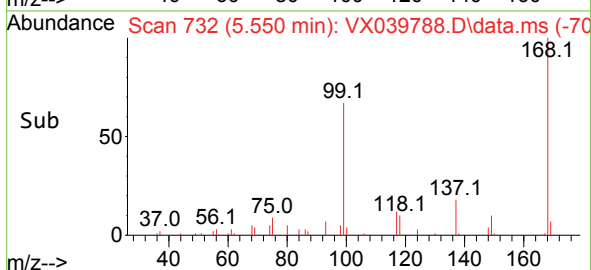
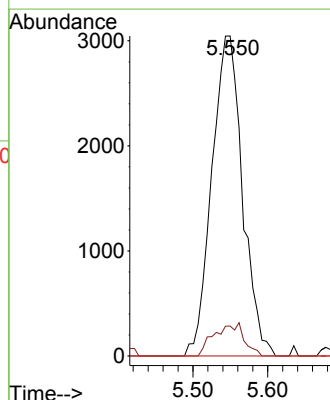
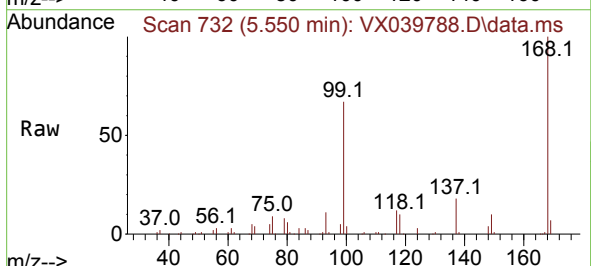
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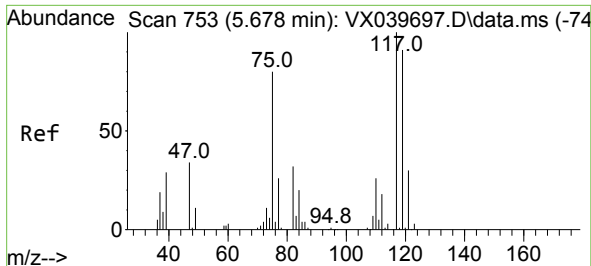
Tgt Ion:113 Resp: 58440
Ion Ratio Lower Upper
113 100
111 103.0 82.9 124.3
192 16.0 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.613 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX039788.D
Acq: 17 Jan 2024 09:49

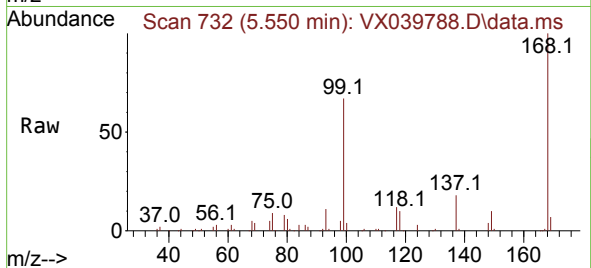
Tgt Ion: 75 Resp: 8696
Ion Ratio Lower Upper
75 100
110 9.9 17.0 50.9#
77 0.0 24.7 37.1#



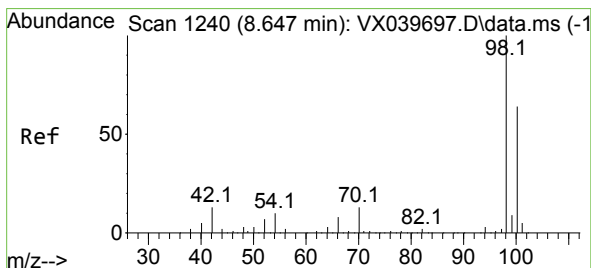
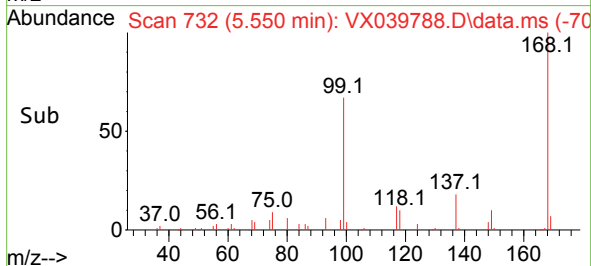
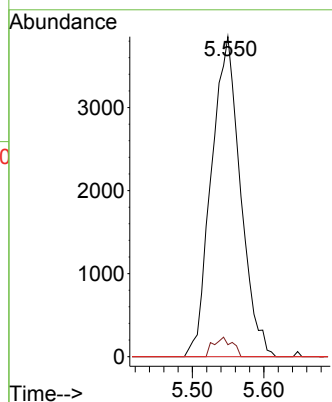


#38
Carbon Tetrachloride
Concen: 6.311 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX039788.D
Acq: 17 Jan 2024 09:49

Instrument :
MSVOA_X
ClientSampleId :
VX0117MBL01

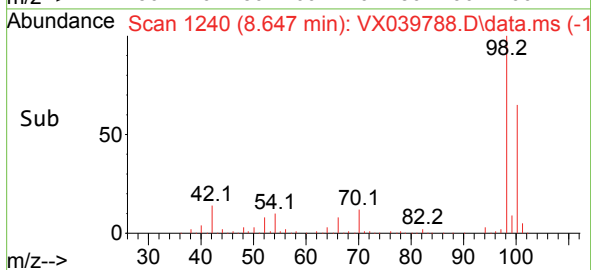
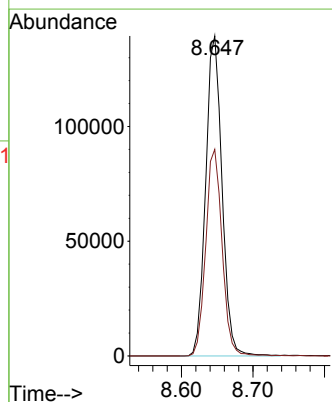
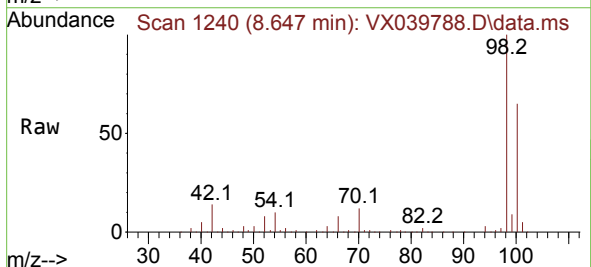


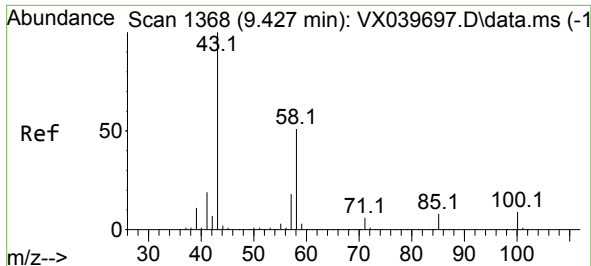
Tgt Ion:117 Resp: 10896
Ion Ratio Lower Upper
117 100
119 3.7 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 48.524 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039788.D
Acq: 17 Jan 2024 09:49

Tgt Ion: 98 Resp: 221621
Ion Ratio Lower Upper
98 100
100 64.5 53.1 79.7





#59

2-Hexanone

Concen: 0.205 ug/l

RT: 9.445 min Scan# 1371

Delta R.T. 0.018 min

Lab File: VX039788.D

Acq: 17 Jan 2024 09:49

Instrument :

MSVOA_X

ClientSampleId :

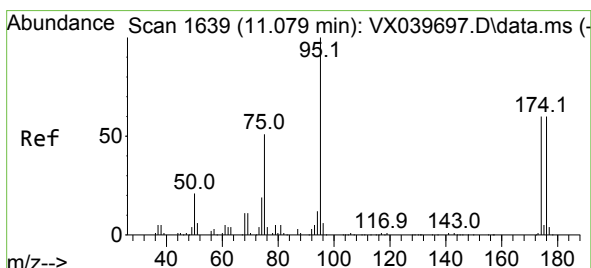
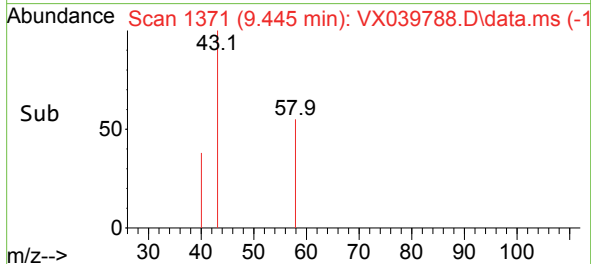
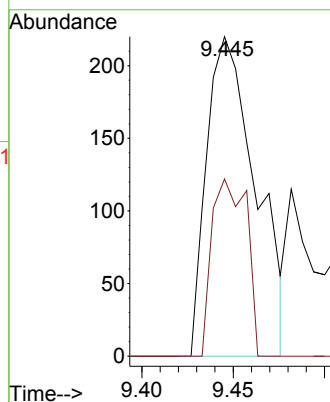
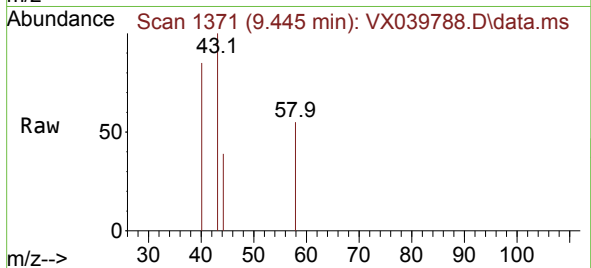
VX0117MBL01

Tgt Ion: 43 Resp: 412

Ion Ratio Lower Upper

43 100

58 39.1 26.2 78.5



#62

4-Bromofluorobenzene

Concen: 49.188 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX039788.D

Acq: 17 Jan 2024 09:49

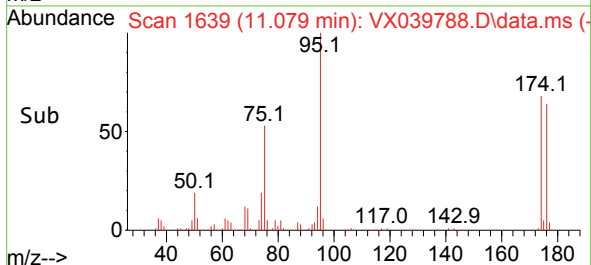
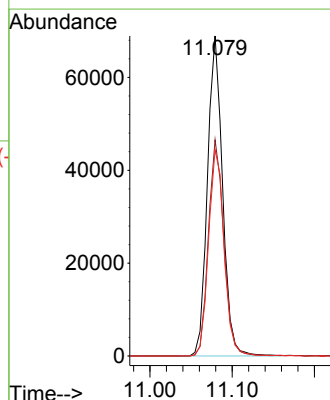
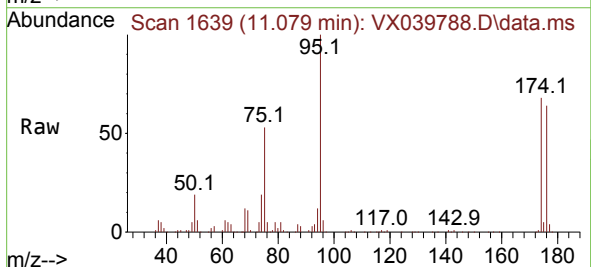
Tgt Ion: 95 Resp: 87851

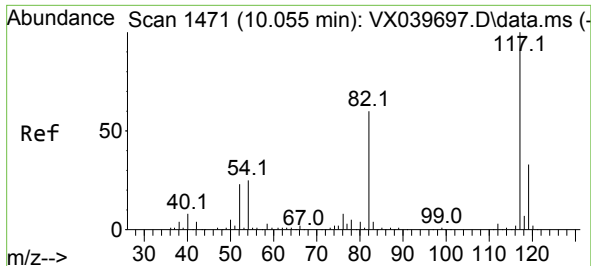
Ion Ratio Lower Upper

95 100

174 69.2 0.0 135.6

176 66.3 0.0 131.0

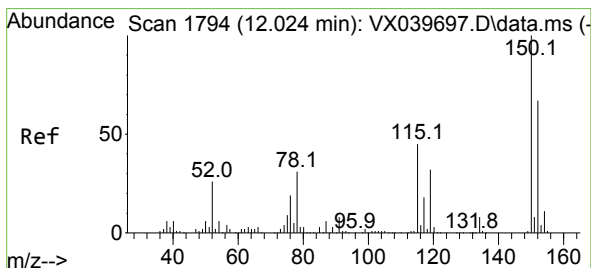
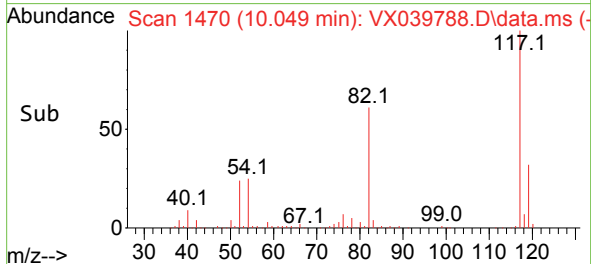
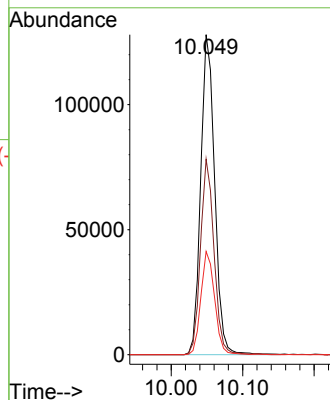
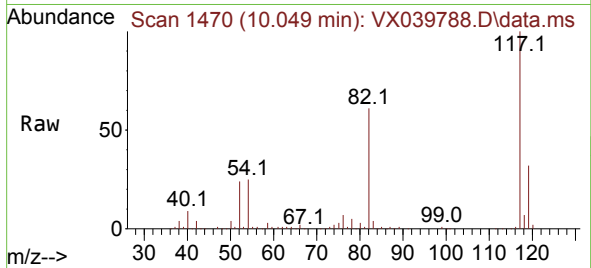




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VX039788.D
Acq: 17 Jan 2024 09:49

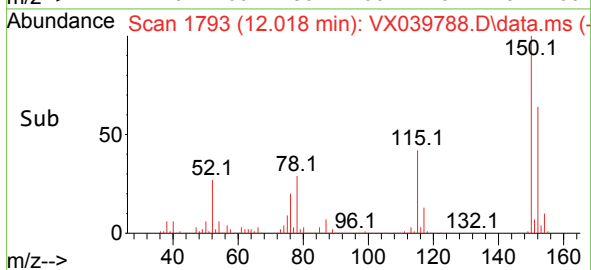
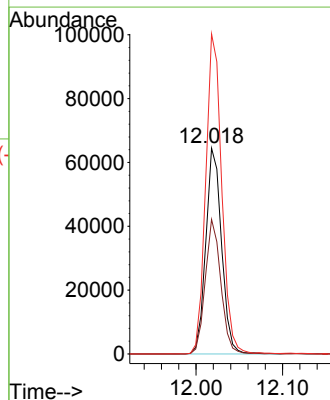
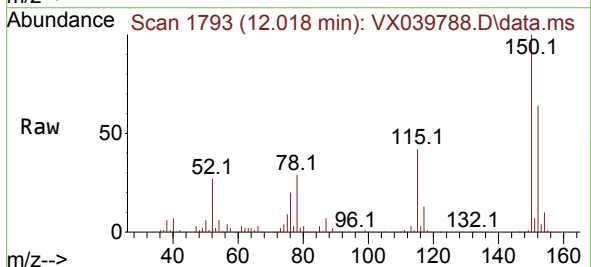
Instrument :
MSVOA_X
ClientSampleId :
VX0117MBL01

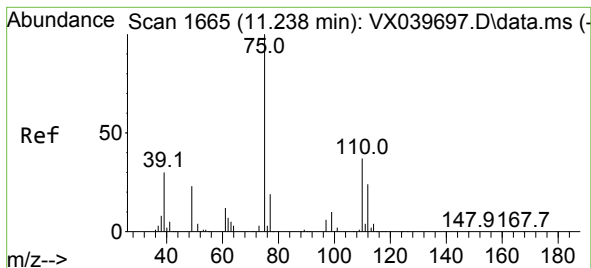
Tgt Ion:117 Resp: 173230
Ion Ratio Lower Upper
117 100
82 61.1 46.2 69.4
119 32.2 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX039788.D
Acq: 17 Jan 2024 09:49

Tgt Ion:152 Resp: 81656
Ion Ratio Lower Upper
152 100
115 64.5 43.3 129.9
150 157.7 0.0 345.0

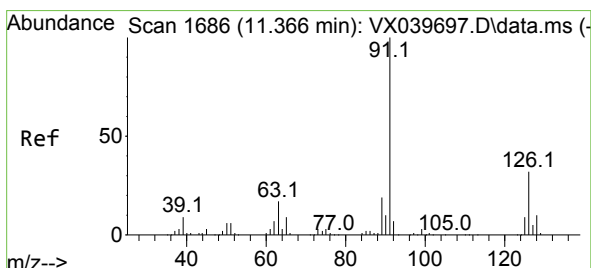
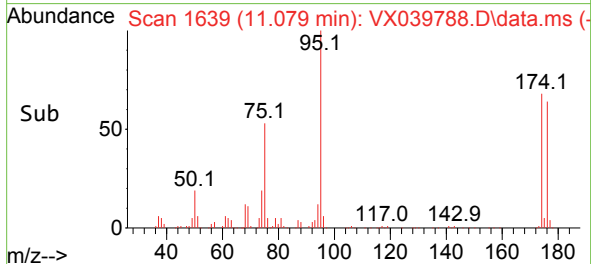
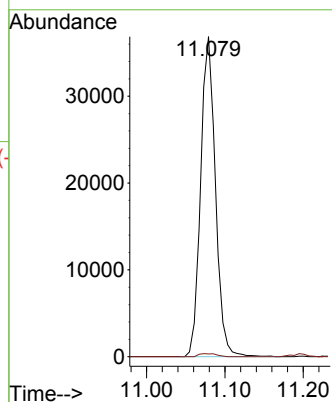
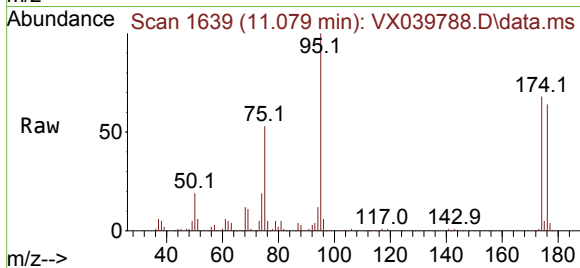




#76
1,2,3-Trichloropropane
Concen: 22.874 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.159 min
Lab File: VX039788.D
Acq: 17 Jan 2024 09:49

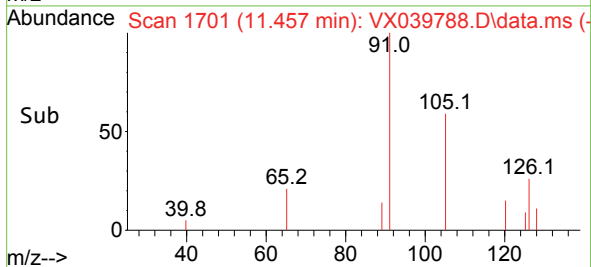
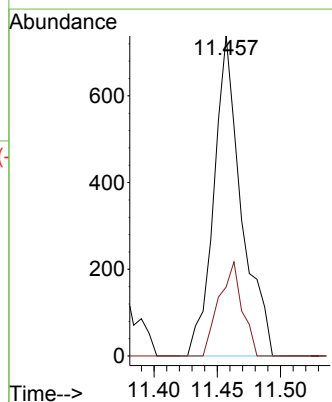
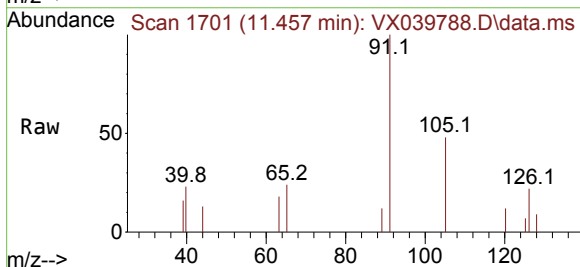
Instrument :
MSVOA_X
ClientSampleId :
VX0117MBL01

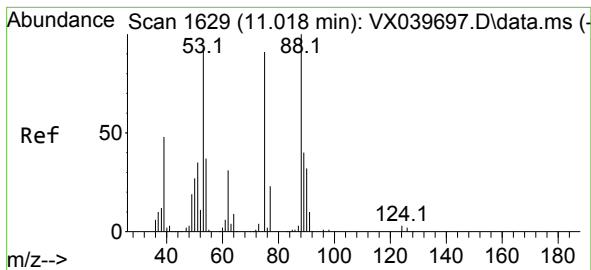
Tgt Ion: 75 Resp: 48424
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#79
2-Chlorotoluene
Concen: 0.229 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.091 min
Lab File: VX039788.D
Acq: 17 Jan 2024 09:49

Tgt Ion: 91 Resp: 1114
Ion Ratio Lower Upper
91 100
126 24.8 16.3 48.8

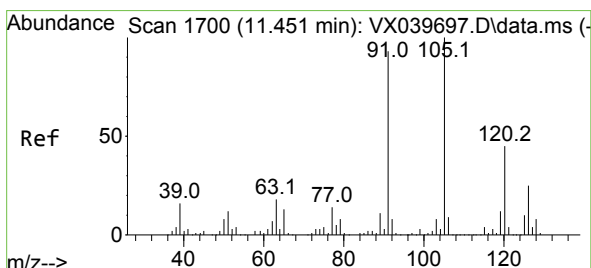
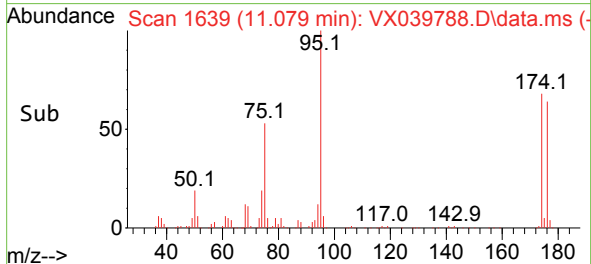
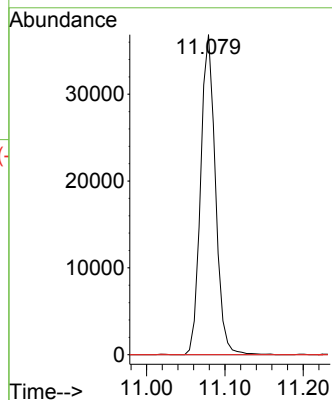
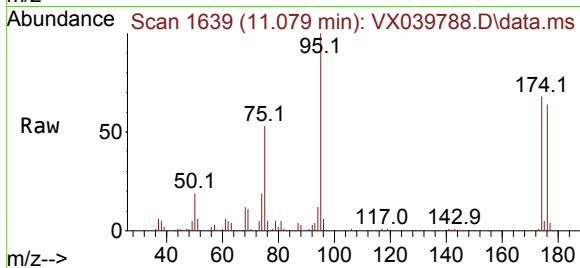




#81
trans-1,4-Dichloro-2-butene
Concen: 66.093 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX039788.D
Acq: 17 Jan 2024 09:49

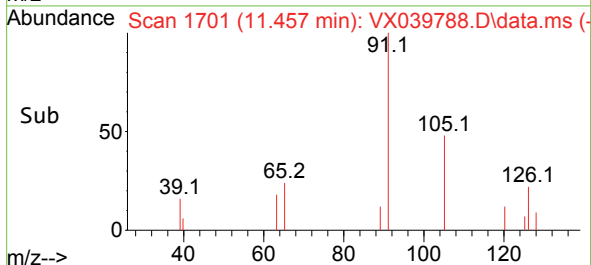
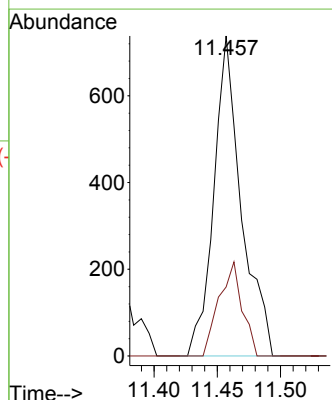
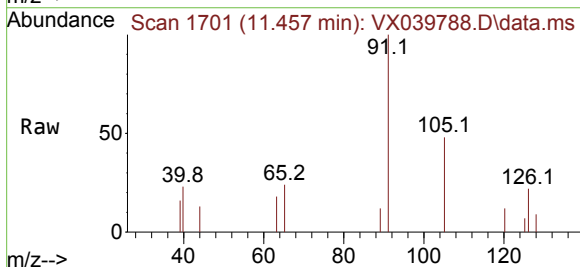
Instrument :
MSVOA_X
ClientSampleId :
VX0117MBL01

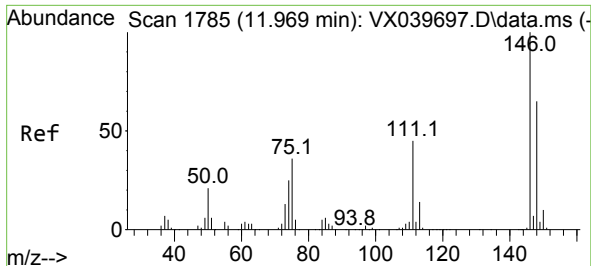
Tgt Ion: 75 Resp: 48424
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 0.202 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX039788.D
Acq: 17 Jan 2024 09:49

Tgt Ion: 91 Resp: 1114
Ion Ratio Lower Upper
91 100
126 24.8 14.2 42.6





#87

1,3-Dichlorobenzene

Concen: 0.276 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX039788.D

Acq: 17 Jan 2024 09:49

Instrument :

MSVOA_X

ClientSampleId :

VX0117MBL01

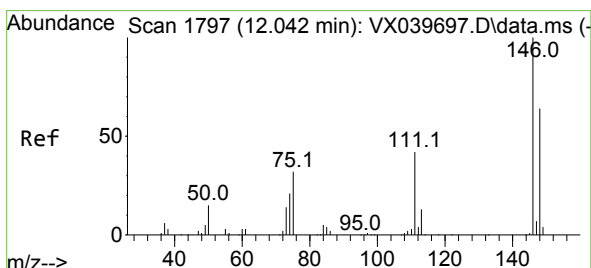
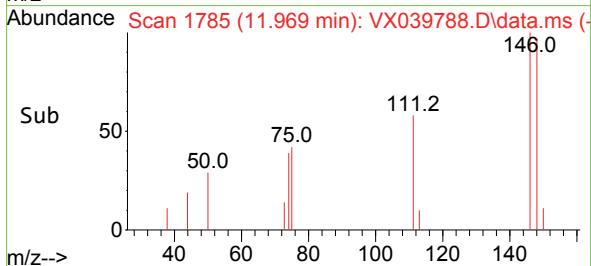
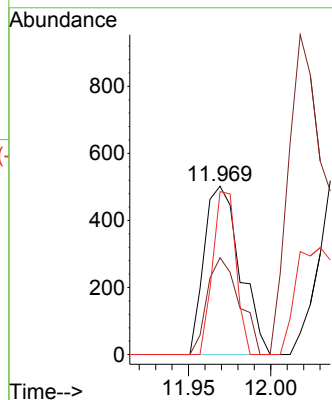
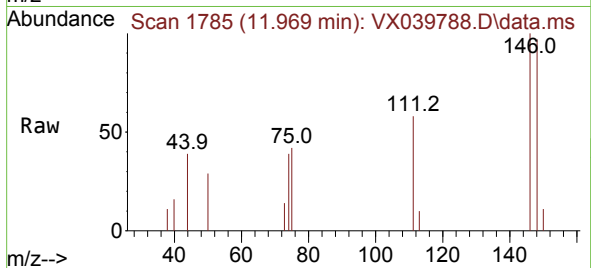
Tgt Ion:146 Resp: 767

Ion Ratio Lower Upper

146 100

111 51.6 22.1 66.1

148 62.3 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.268 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.073 min

Lab File: VX039788.D

Acq: 17 Jan 2024 09:49

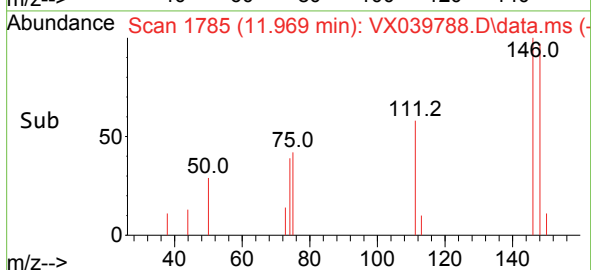
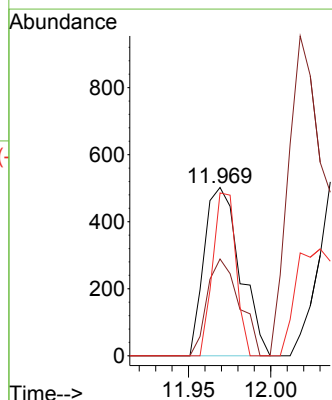
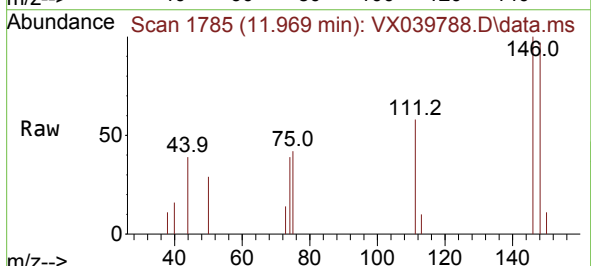
Tgt Ion:146 Resp: 767

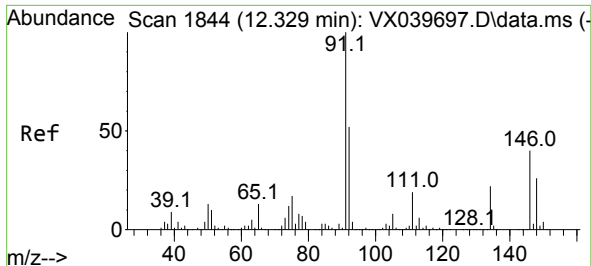
Ion Ratio Lower Upper

146 100

111 51.6 21.3 63.7

148 62.3 31.8 95.4





#89

n-Butylbenzene

Concen: 0.375 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX039788.D

Acq: 17 Jan 2024 09:49

Instrument :

MSVOA_X

ClientSampleId :

VX0117MBL01

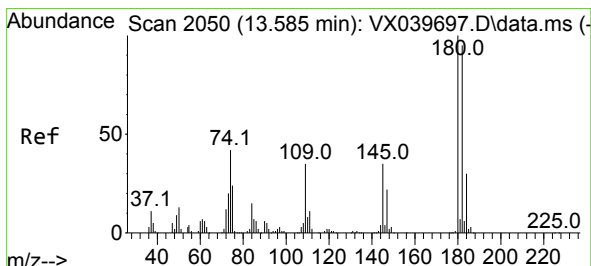
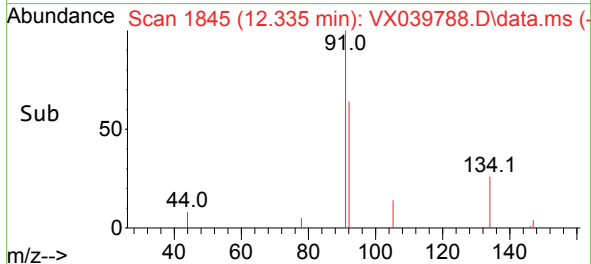
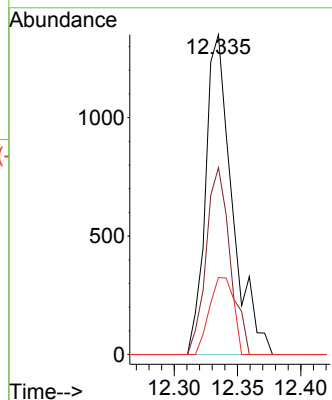
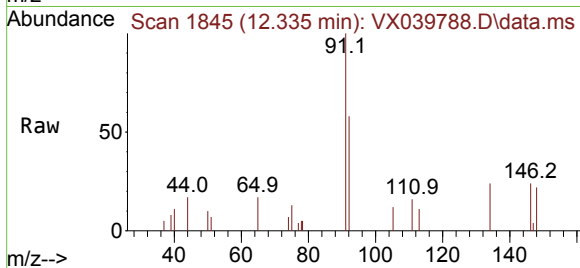
Tgt Ion: 91 Resp: 1981

Ion Ratio Lower Upper

91 100

92 52.4 27.4 82.0

134 21.8 12.6 37.8



#93

1,2,4-Trichlorobenzene

Concen: 0.631 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX039788.D

Acq: 17 Jan 2024 09:49

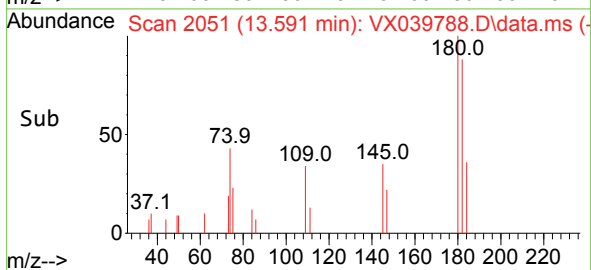
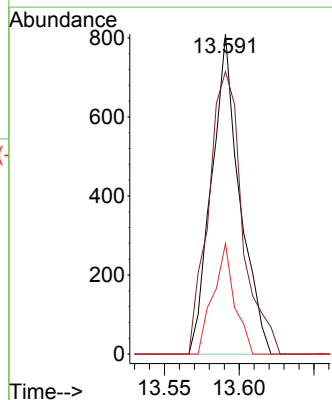
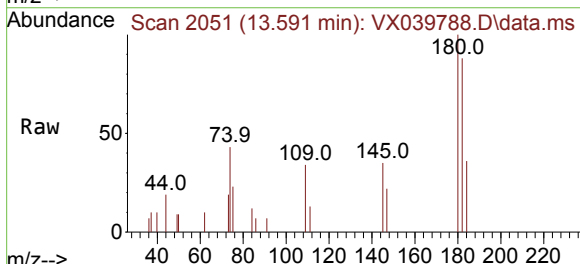
Tgt Ion: 180 Resp: 1058

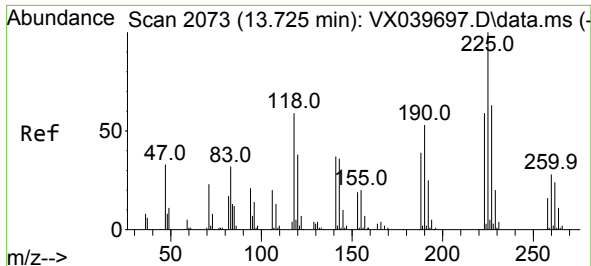
Ion Ratio Lower Upper

180 100

182 106.0 48.3 144.8

145 26.2 18.0 54.0

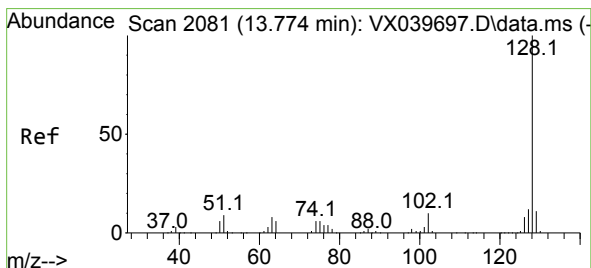
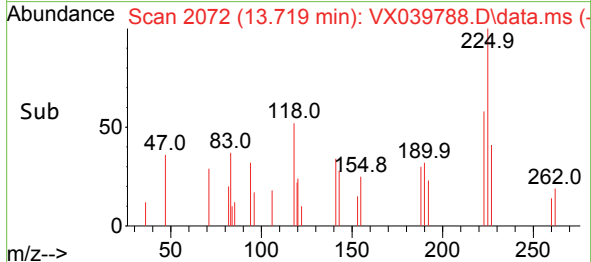
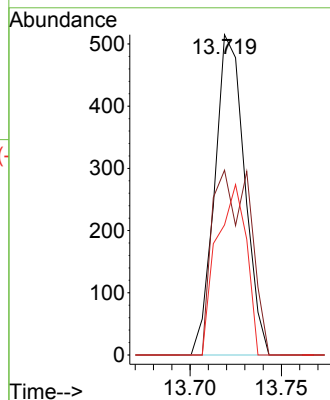
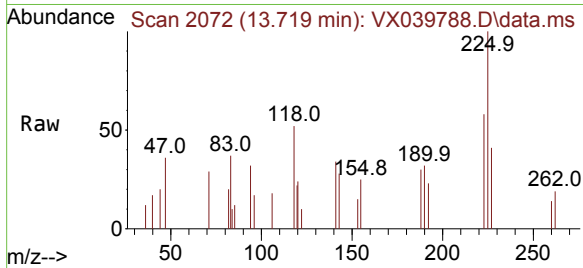




#94
Hexachlorobutadiene
Concen: 0.841 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX039788.D
Acq: 17 Jan 2024 09:49

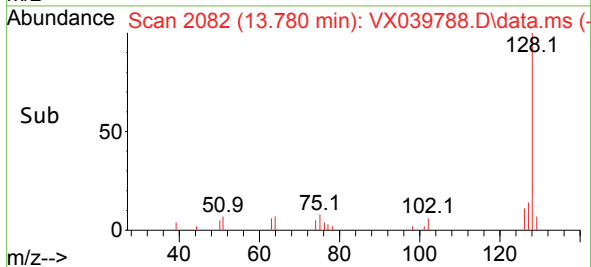
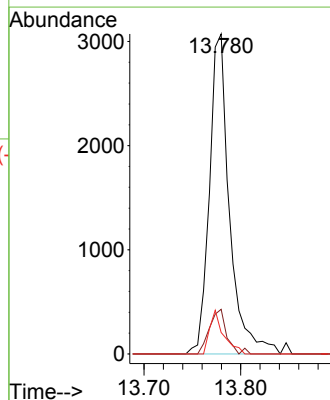
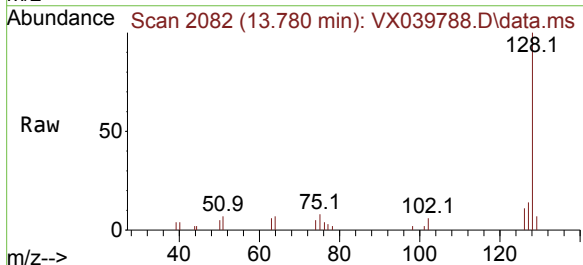
Instrument :
MSVOA_X
ClientSampleId :
VX0117MBL01

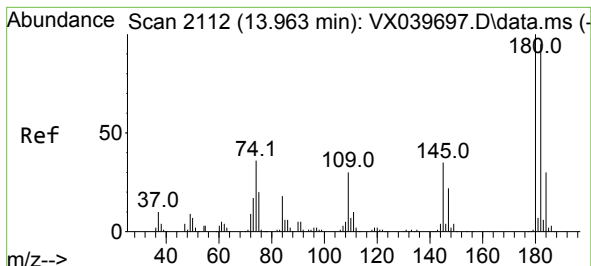
Tgt Ion:225	Resp:	586
Ion Ratio	Lower	Upper
225	100	
223	72.5	31.1 93.2
227	52.9	32.5 97.5



#95
Naphthalene
Concen: 0.719 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX039788.D
Acq: 17 Jan 2024 09:49

Tgt Ion:128	Resp:	4439
Ion Ratio	Lower	Upper
128	100	
127	12.0	10.3 15.5
129	9.4	8.8 13.2





#96
 1,2,3-Trichlorobenzene
 Concen: 0.624 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX039788.D
 Acq: 17 Jan 2024 09:49

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117MBL01

Tgt Ion:180 Resp: 1055
 Ion Ratio Lower Upper
 180 100
 182 91.2 46.9 140.6
 145 41.0 17.8 53.5

