

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX013124\
 Data File : VX040039.D
 Acq On : 31 Jan 2024 11:41
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Feb 01 04:21:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 31 07:12:04 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

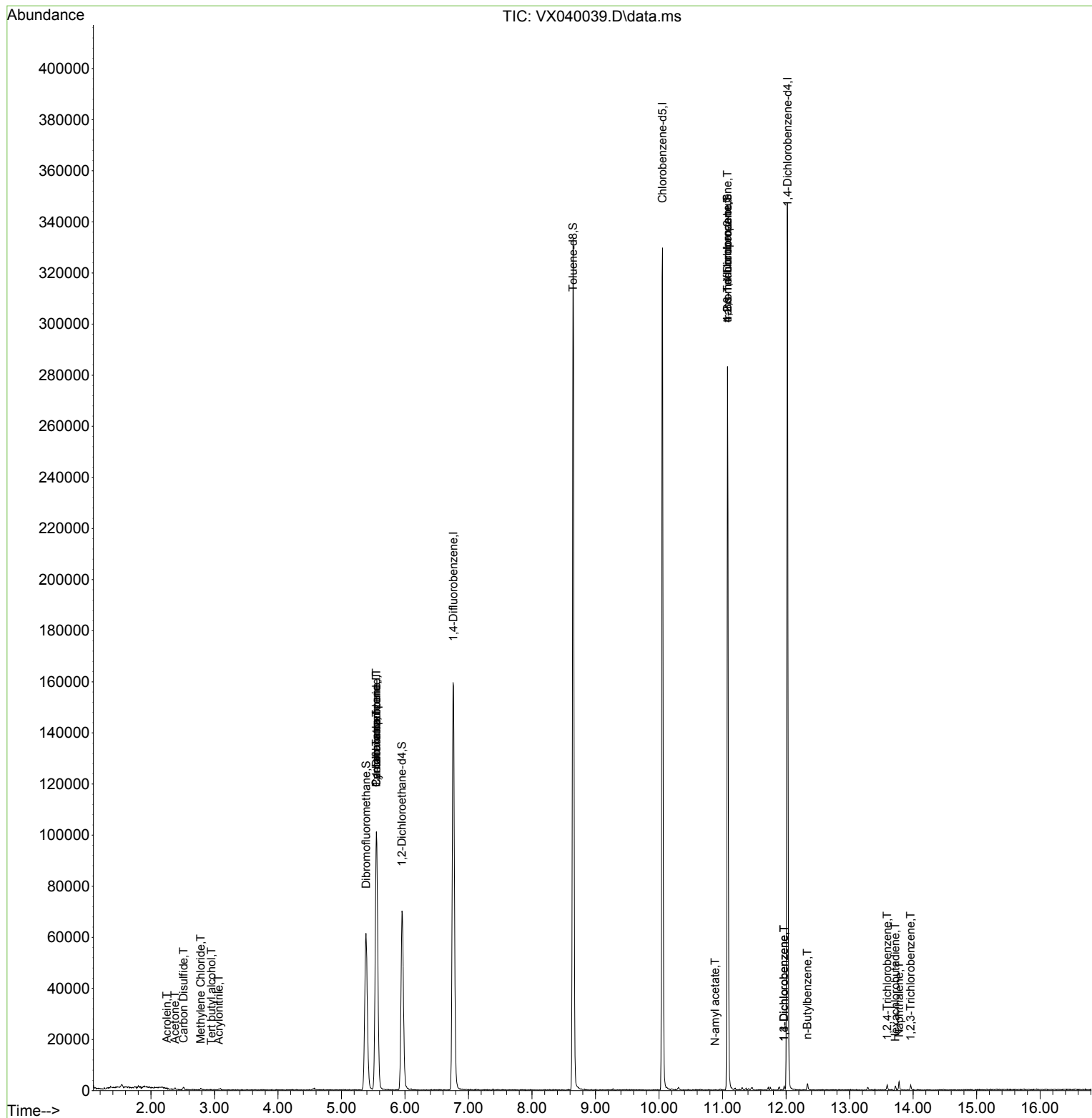
Internal Standards						
1) Pentafluorobenzene	5.550	168	89348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	158793	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	144489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69478	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	67323	46.819	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.640%
35) Dibromofluoromethane	5.385	113	53141	49.161	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.320%
50) Toluene-d8	8.647	98	192045	47.507	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.020%
62) 4-Bromofluorobenzene	11.079	95	72856	46.806	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.620%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	196	0.751	ug/l #	78
13) Acrolein	2.252	56	63	0.252	ug/l #	52
15) Acrylonitrile	3.068	53	280	0.428	ug/l #	66
16) Acetone	2.380	43	411	0.610	ug/l #	87
17) Carbon Disulfide	2.514	76	1081	0.368	ug/l #	73
20) Methylene Chloride	2.782	84	248	0.207	ug/l #	59
31) Cyclohexane	5.550	56	2537	1.409	ug/l #	17
36) 1,1-Dichloropropene	5.550	75	8133	5.202	ug/l #	50
38) Carbon Tetrachloride	5.550	117	9624	6.434	ug/l #	15
74) N-amyl acetate	10.884	43	19	0.207	ug/l #	44
76) 1,2,3-Trichloropropane	11.079	75	41610	28.123	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	41610	81.542	ug/l #	5
87) 1,3-Dichlorobenzene	11.969	146	633	0.273	ug/l	77
88) 1,4-Dichlorobenzene	11.969	146	633	0.266	ug/l	78
89) n-Butylbenzene	12.335	91	1231	0.286	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	631	0.451	ug/l	84
94) Hexachlorobutadiene	13.719	225	364	0.660	ug/l	75
95) Naphthalene	13.780	128	2140	0.450	ug/l #	91
96) 1,2,3-Trichlorobenzene	13.963	180	531	0.384	ug/l	95

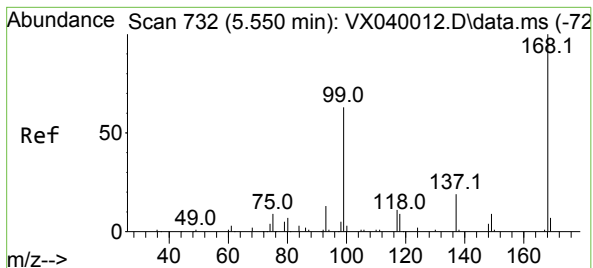
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_X
ClientSampleId :
IBLK

Quant Time: Feb 01 04:21:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 31 07:12:04 2024
Response via : Initial Calibration

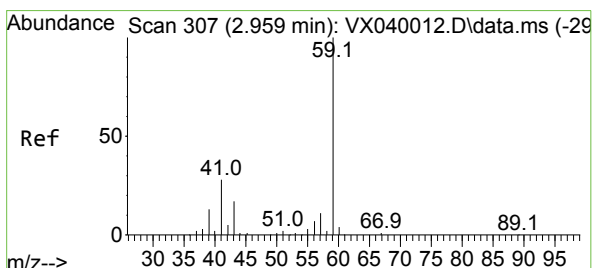
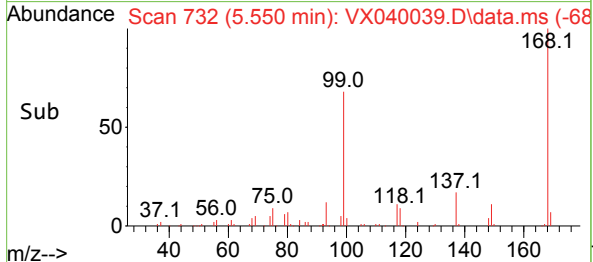
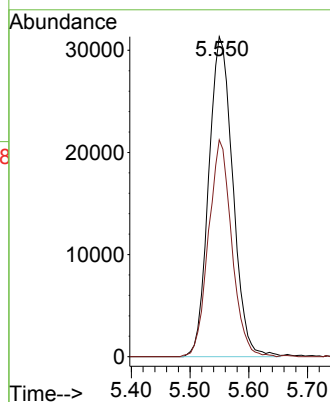
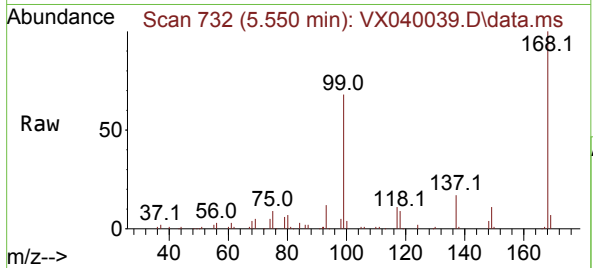




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040039.D
Acq: 31 Jan 2024 11:41

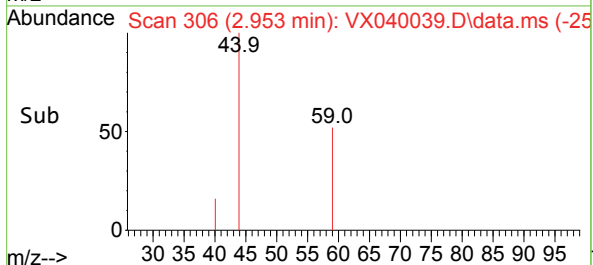
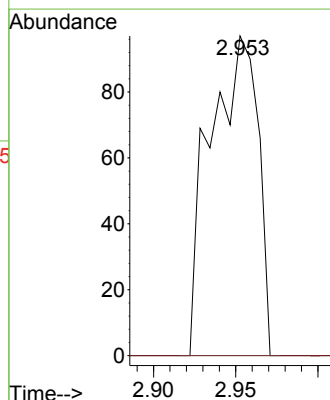
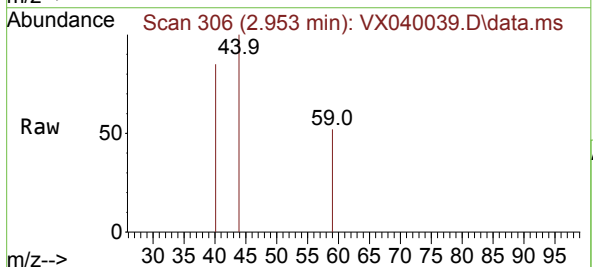
Instrument :
MSVOA_X
ClientSampleId :
IBLK

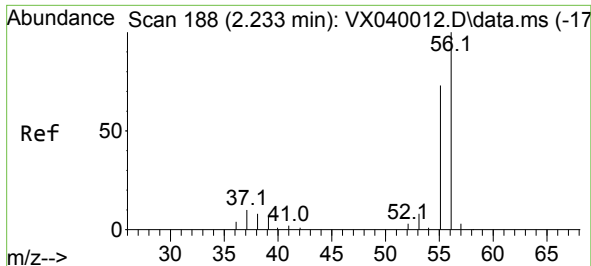
Tgt Ion:168 Resp: 89348
Ion Ratio Lower Upper
168 100
99 67.8 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.751 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX040039.D
Acq: 31 Jan 2024 11:41

Tgt Ion: 59 Resp: 196
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

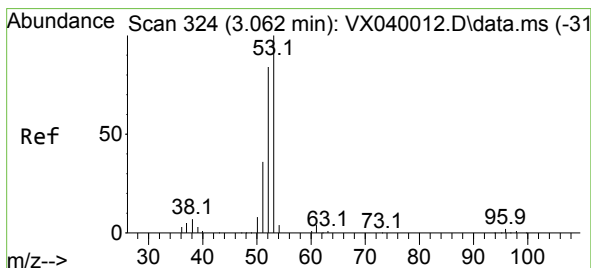
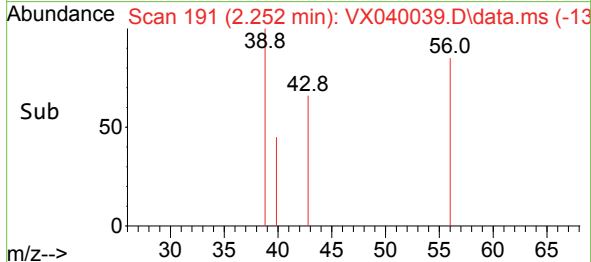
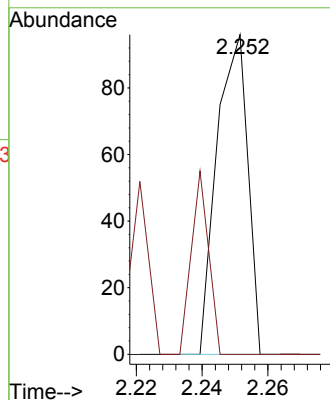
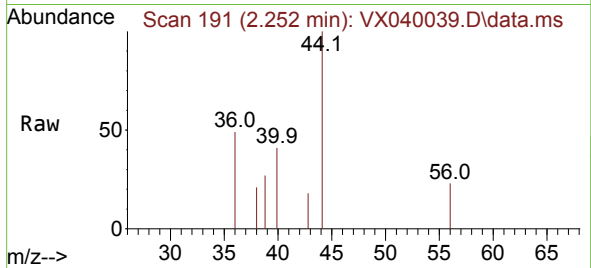




#13
Acrolein
Concen: 0.252 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.018 min
Lab File: VX040039.D
Acq: 31 Jan 2024 11:41

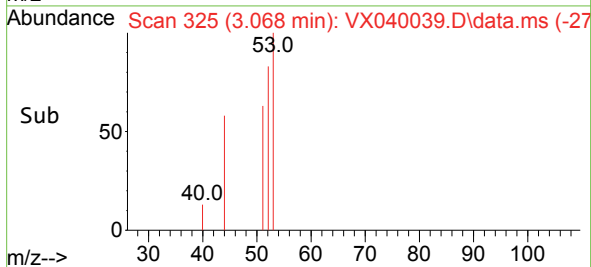
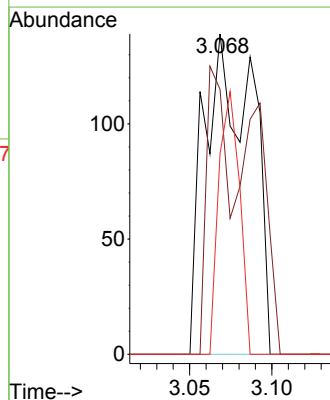
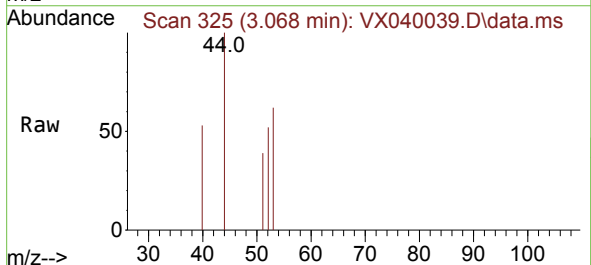
Instrument :
MSVOA_X
ClientSampleId :
IBLK

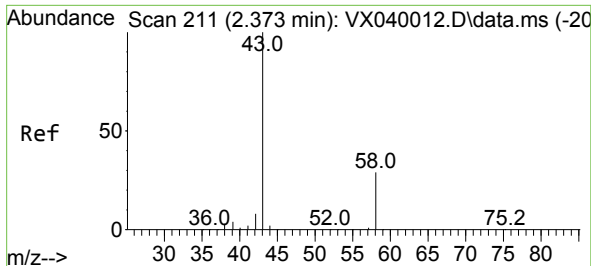
Tgt Ion: 56 Resp: 63
Ion Ratio Lower Upper
56 100
55 31.7 57.1 85.7#



#15
Acrylonitrile
Concen: 0.428 ug/l
RT: 3.068 min Scan# 325
Delta R.T. 0.006 min
Lab File: VX040039.D
Acq: 31 Jan 2024 11:41

Tgt Ion: 53 Resp: 280
Ion Ratio Lower Upper
53 100
52 38.9 66.0 99.0#
51 35.7 29.8 44.6

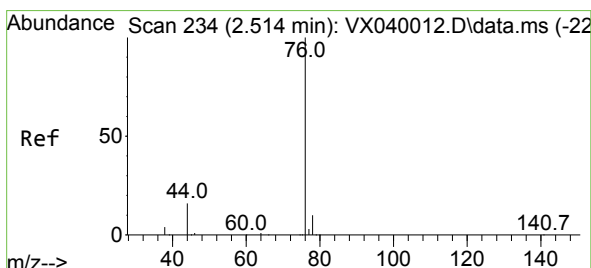
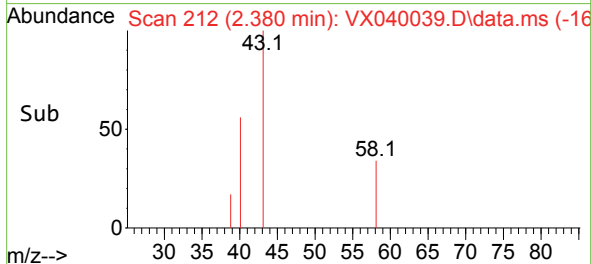
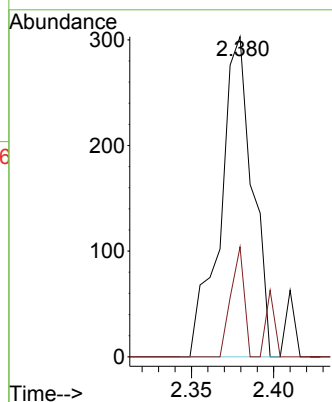
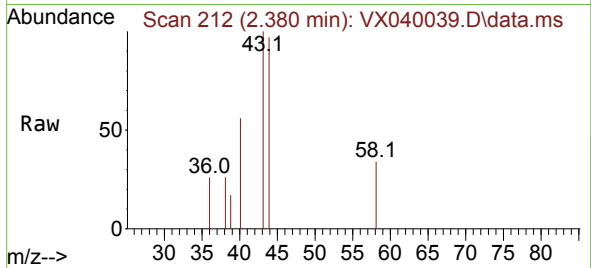




#16
Acetone
Concen: 0.610 ug/l
RT: 2.380 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX040039.D
Acq: 31 Jan 2024 11:41

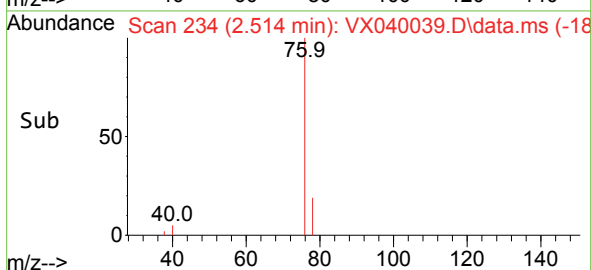
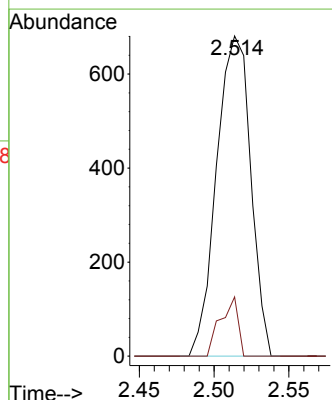
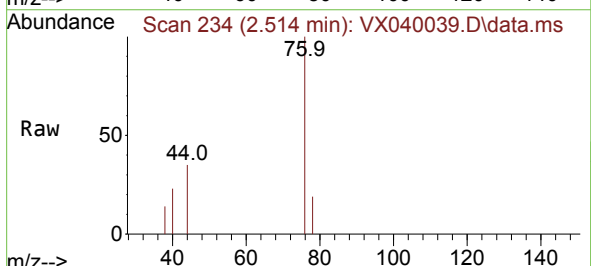
Instrument :
MSVOA_X
ClientSampleId :
IBLK

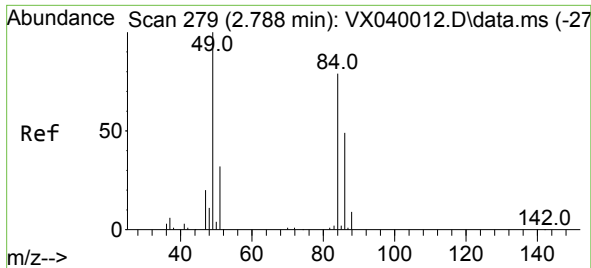
Tgt Ion: 43 Resp: 411
Ion Ratio Lower Upper
43 100
58 34.3 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.368 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX040039.D
Acq: 31 Jan 2024 11:41

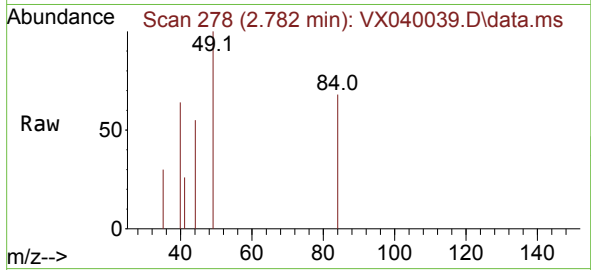
Tgt Ion: 76 Resp: 1081
Ion Ratio Lower Upper
76 100
78 18.5 7.0 10.6#





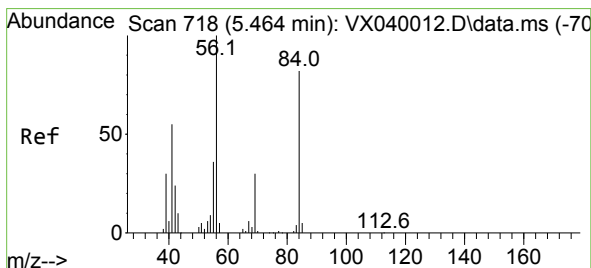
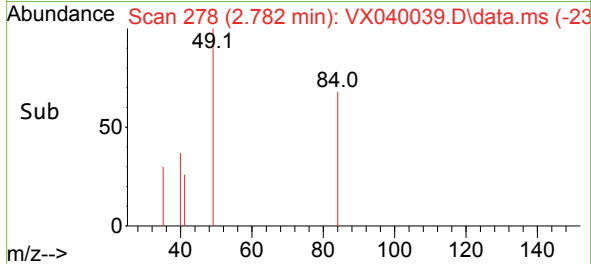
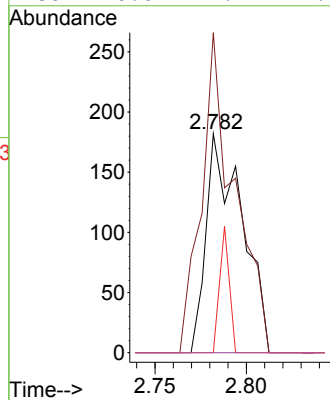
#20
Methylene Chloride
Concen: 0.207 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX040039.D
Acq: 31 Jan 2024 11:41

Instrument :
MSVOA_X
ClientSampleId :
IBLK



Tgt Ion: 84 Resp: 248

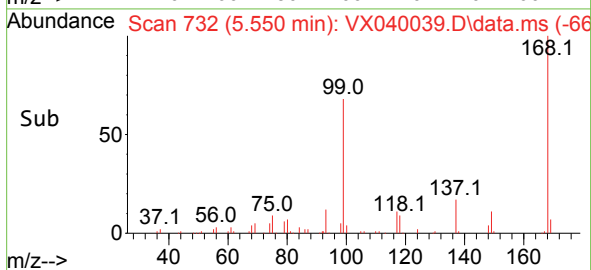
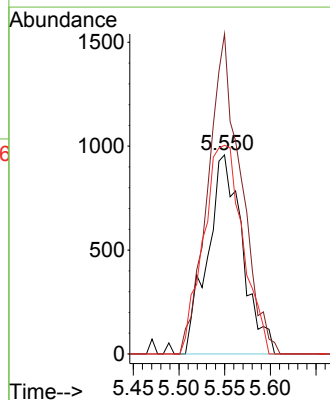
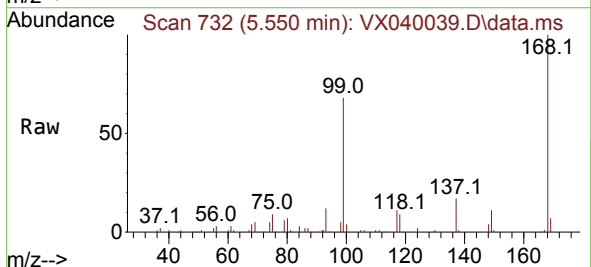
Ion	Ratio	Lower	Upper
84	100		
49	146.2	103.6	155.4
51	0.0	33.8	50.6#
86	0.0	49.4	74.0#

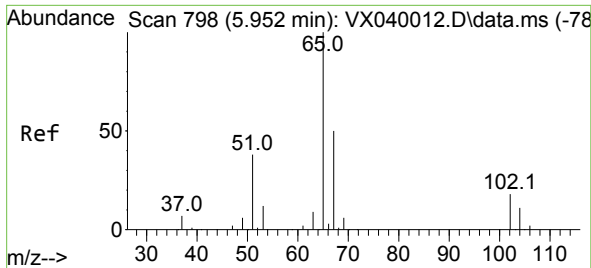


#31
Cyclohexane
Concen: 1.409 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX040039.D
Acq: 31 Jan 2024 11:41

Tgt Ion: 56 Resp: 2537

Ion	Ratio	Lower	Upper
56	100		
69	160.8	23.4	35.2#
84	104.8	65.9	98.9#

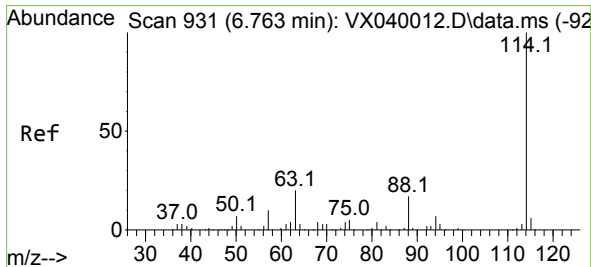
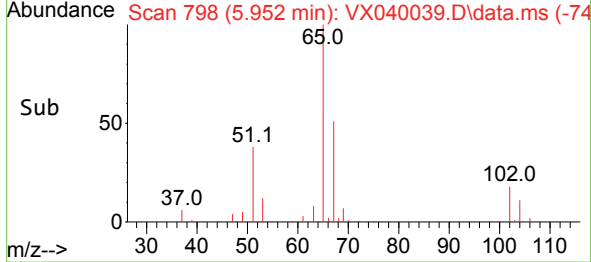
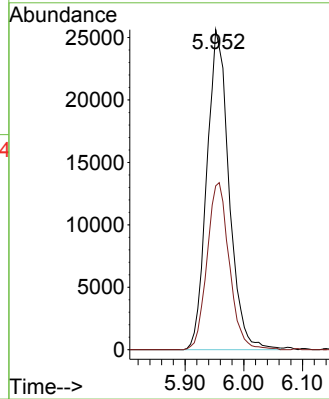
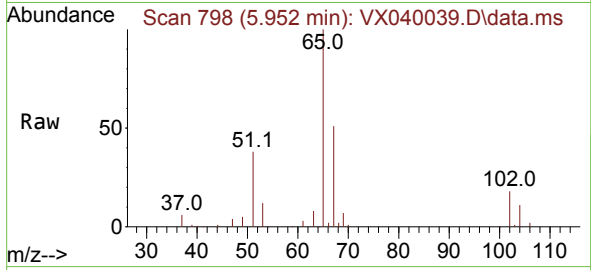




#33
1,2-Dichloroethane-d4
Concen: 46.819 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX040039.D
Acq: 31 Jan 2024 11:41

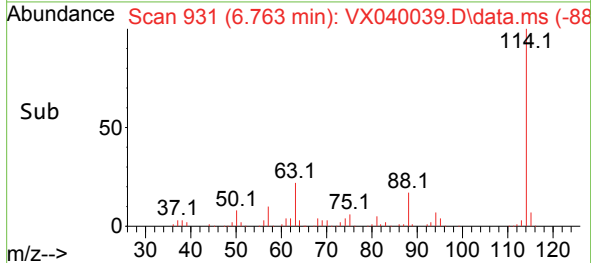
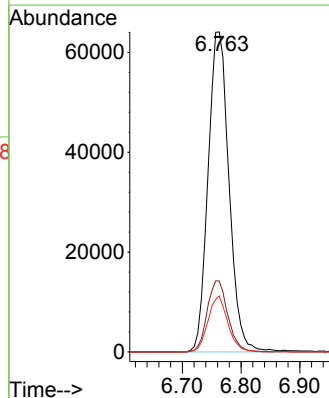
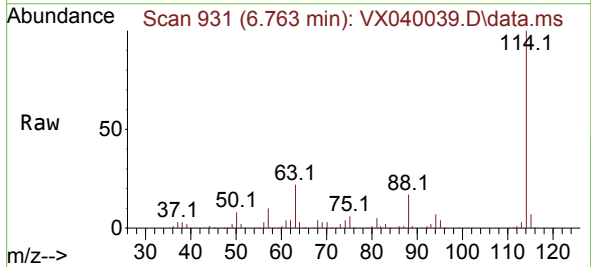
Instrument :
MSVOA_X
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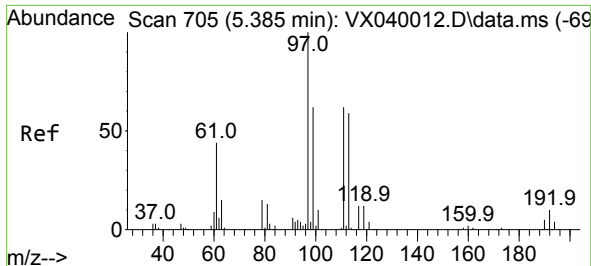
Tgt Ion: 65 Resp: 67323
Ion Ratio Lower Upper
65 100
67 52.3 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX040039.D
Acq: 31 Jan 2024 11:41

Tgt Ion: 114 Resp: 158793
Ion Ratio Lower Upper
114 100
63 22.2 0.0 45.0
88 17.5 0.0 36.6

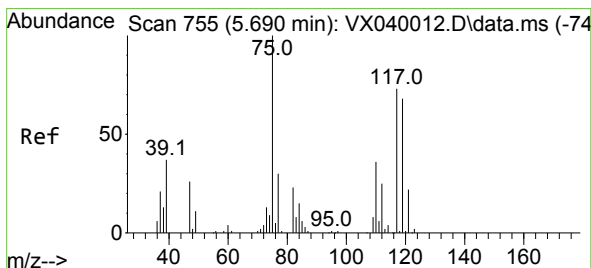
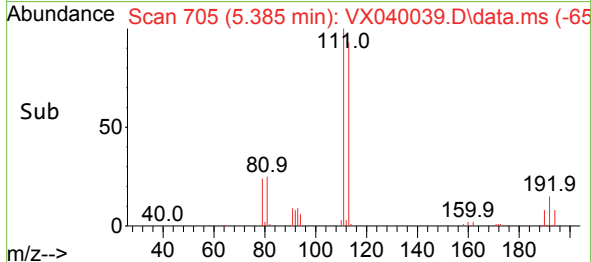
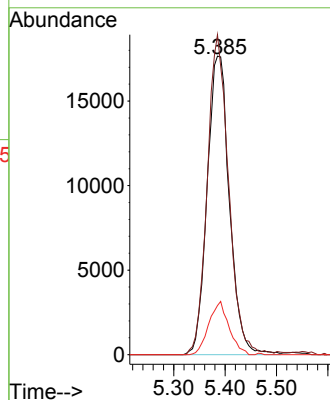
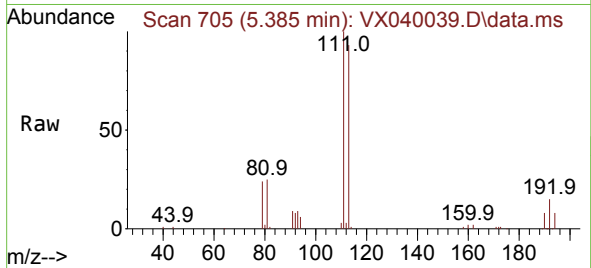




#35
Dibromofluoromethane
Concen: 49.161 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040039.D
Acq: 31 Jan 2024 11:41

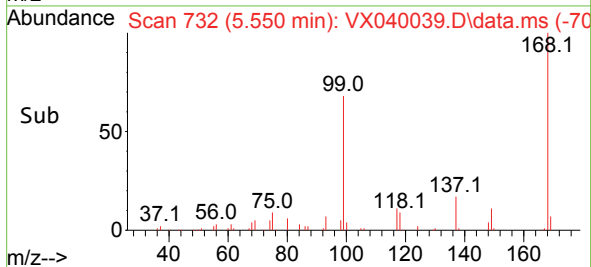
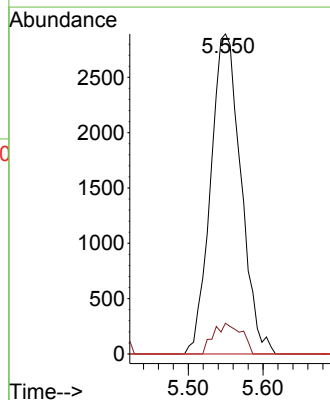
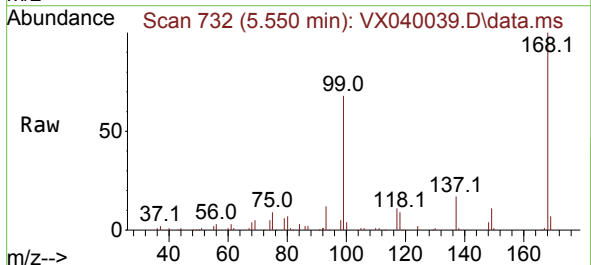
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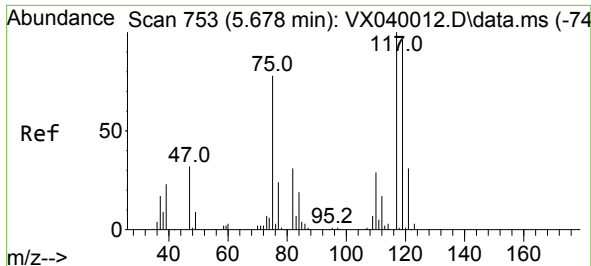
Tgt Ion:113 Resp: 53141
Ion Ratio Lower Upper
113 100
111 102.8 82.9 124.3
192 16.2 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.202 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX040039.D
Acq: 31 Jan 2024 11:41

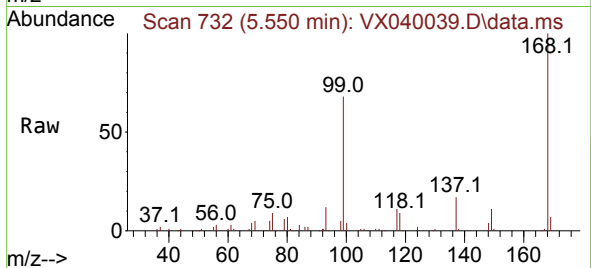
Tgt Ion: 75 Resp: 8133
Ion Ratio Lower Upper
75 100
110 8.9 17.0 50.9#
77 0.0 24.7 37.1#



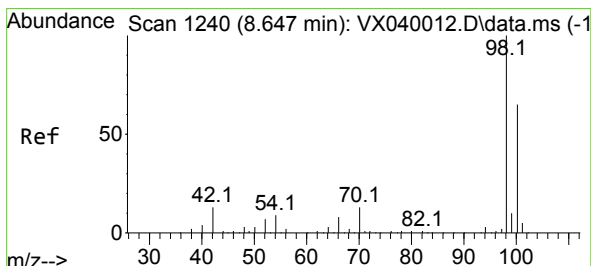
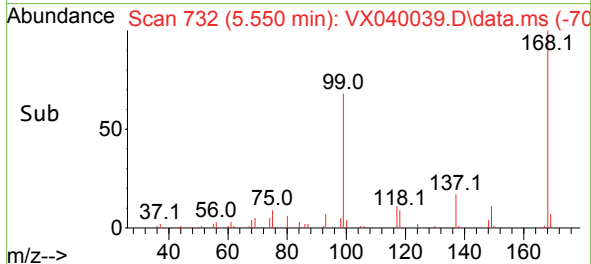
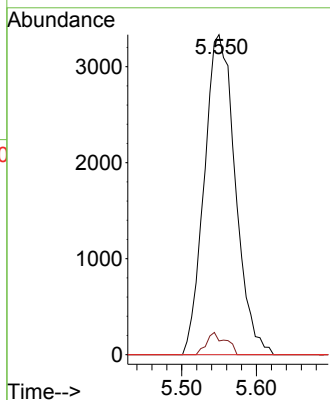


#38
Carbon Tetrachloride
Concen: 6.434 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX040039.D
Acq: 31 Jan 2024 11:41

Instrument :
MSVOA_X
ClientSampleId :
IBLK

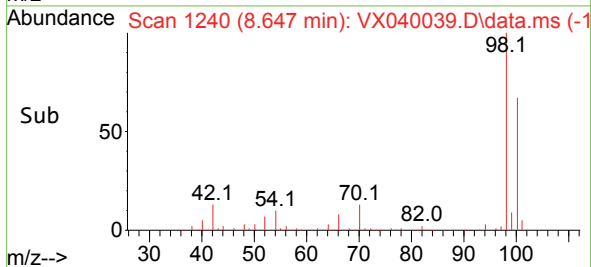
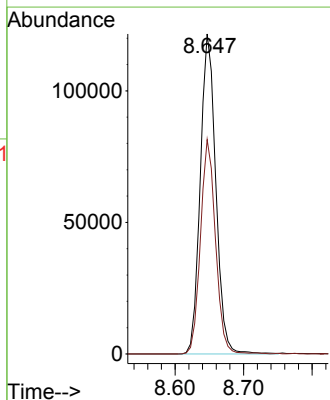
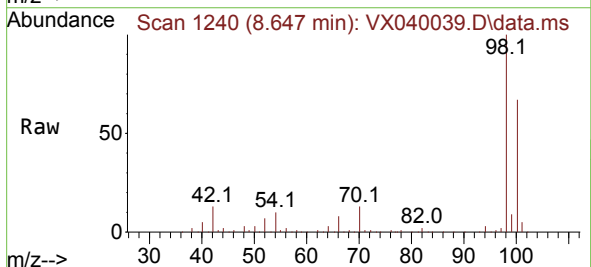


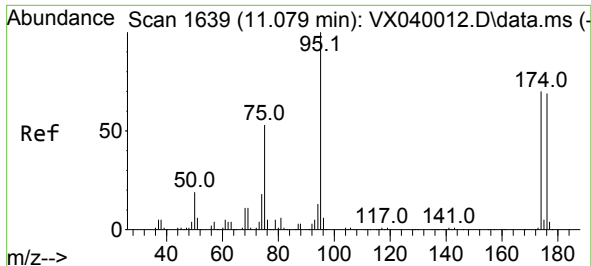
Tgt Ion:117 Resp: 9624
Ion Ratio Lower Upper
117 100
119 4.3 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 47.507 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX040039.D
Acq: 31 Jan 2024 11:41

Tgt Ion: 98 Resp: 192045
Ion Ratio Lower Upper
98 100
100 64.9 53.1 79.7

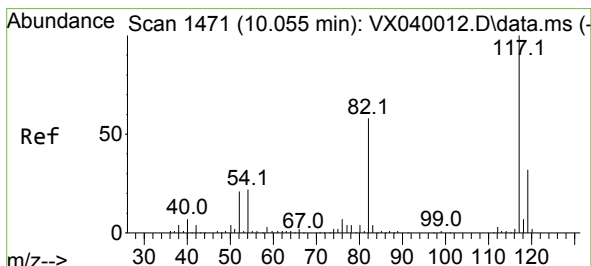
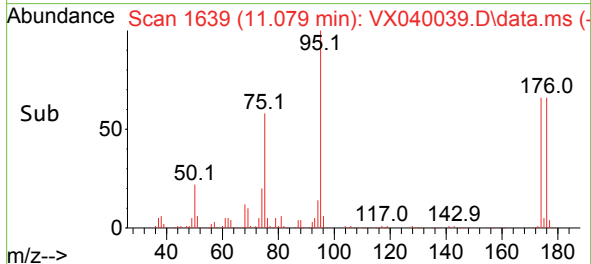
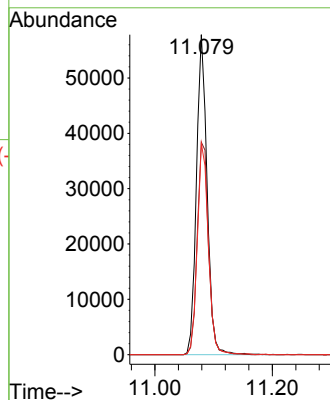
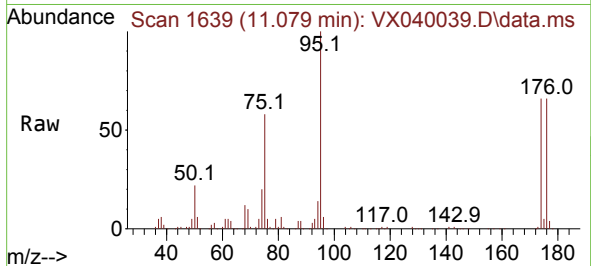




#62
4-Bromofluorobenzene
Concen: 46.806 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX040039.D
Acq: 31 Jan 2024 11:41

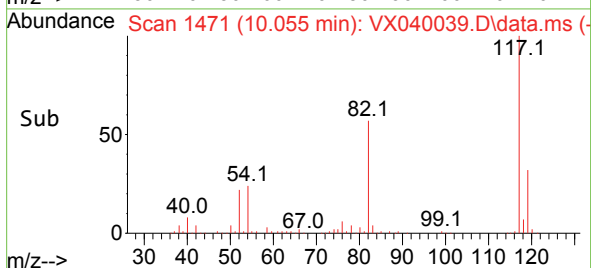
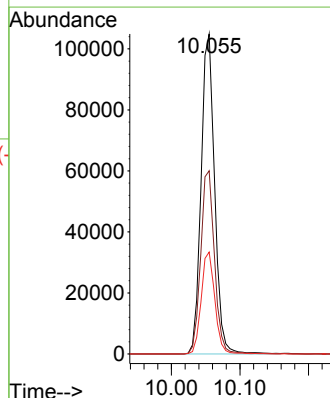
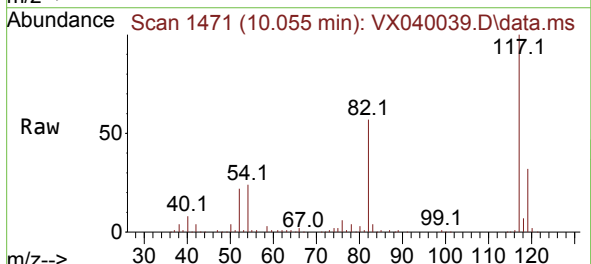
Instrument :
MSVOA_X
ClientSampleId :
IBLK

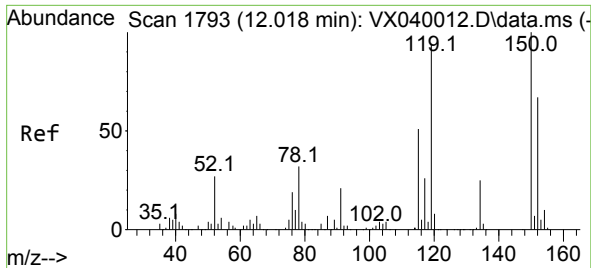
Tgt Ion: 95 Resp: 72856
Ion Ratio Lower Upper
95 100
174 70.0 0.0 135.6
176 68.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040039.D
Acq: 31 Jan 2024 11:41

Tgt Ion: 117 Resp: 144489
Ion Ratio Lower Upper
117 100
82 57.3 46.2 69.4
119 31.9 25.5 38.3

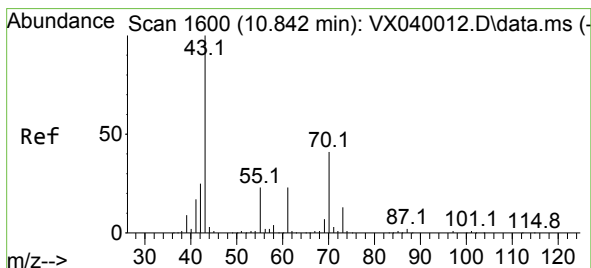
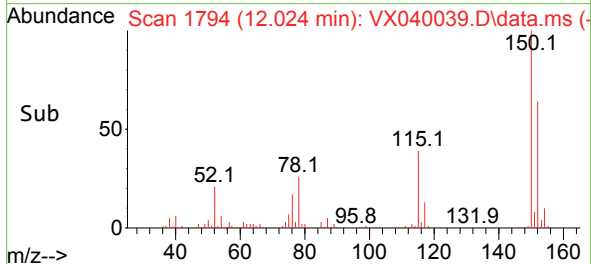
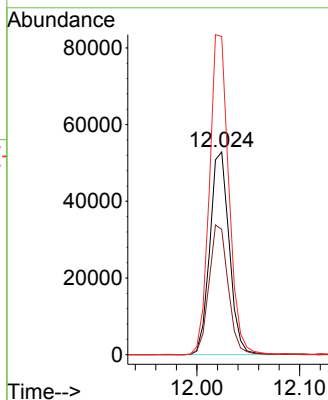
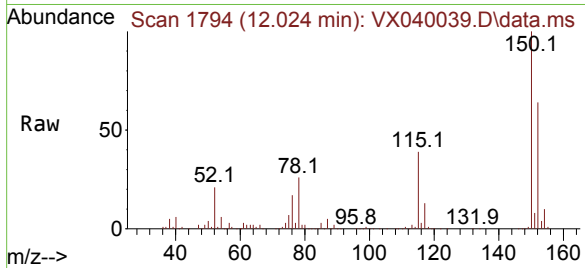




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX040039.D
 Acq: 31 Jan 2024 11:41

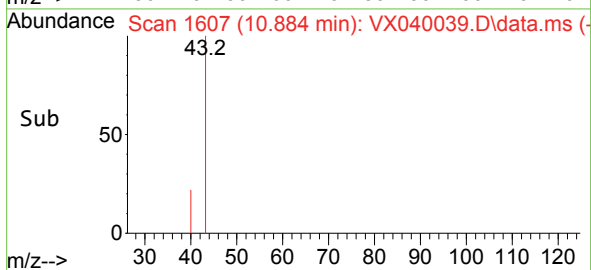
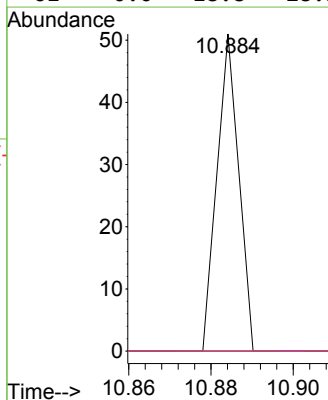
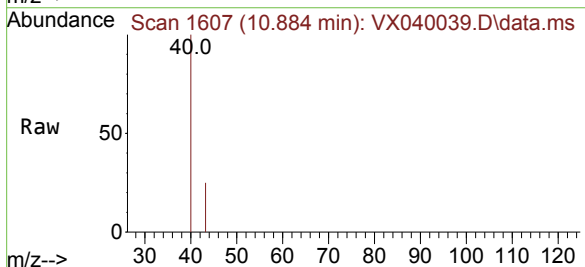
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

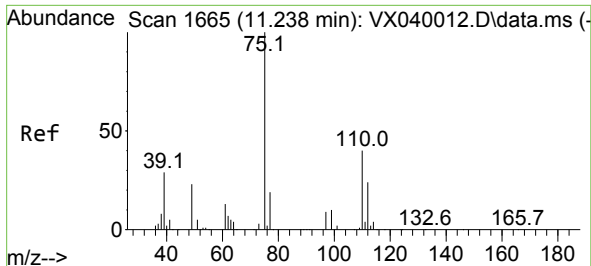
Tgt Ion:152 Resp: 69478
 Ion Ratio Lower Upper
 152 100
 115 63.5 43.3 129.9
 150 157.5 0.0 345.0



#74
 N-ethyl acetate
 Concen: 0.207 ug/l
 RT: 10.884 min Scan# 1607
 Delta R.T. 0.042 min
 Lab File: VX040039.D
 Acq: 31 Jan 2024 11:41

Tgt Ion: 43 Resp: 19
 Ion Ratio Lower Upper
 43 100
 70 0.0 32.9 49.3#
 55 0.0 19.3 28.9#
 61 0.0 18.8 28.2#

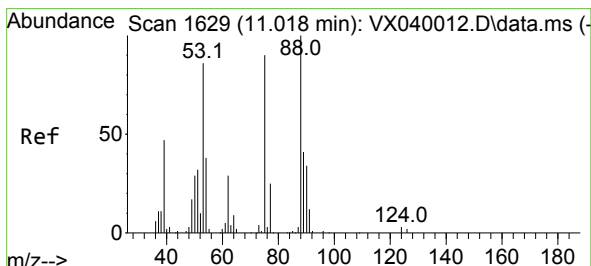
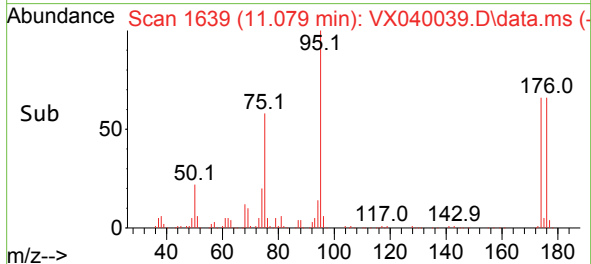
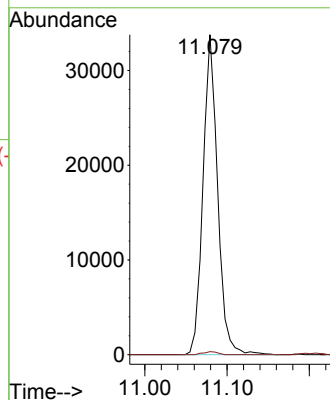
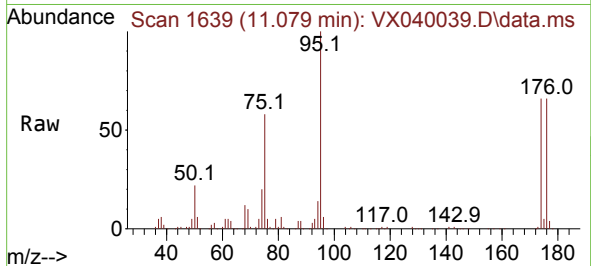




#76
1,2,3-Trichloropropane
Concen: 28.123 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX040039.D
Acq: 31 Jan 2024 11:41

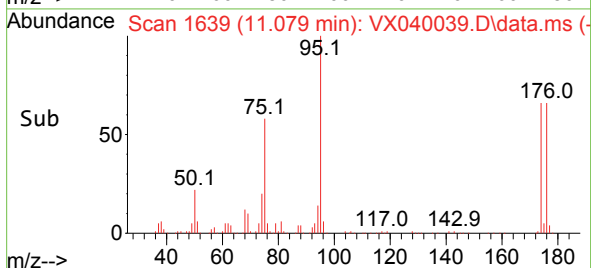
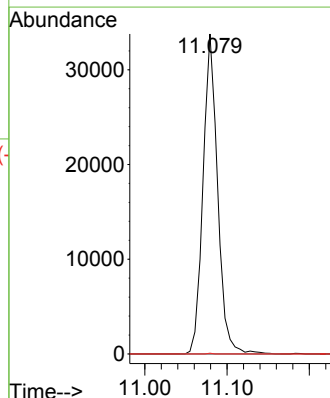
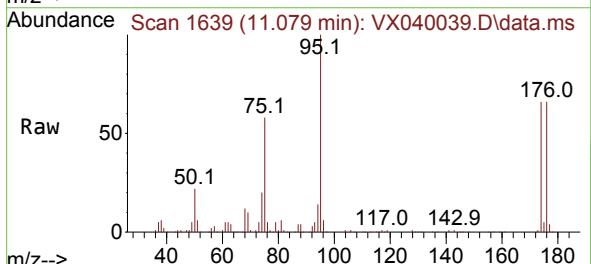
Instrument :
MSVOA_X
ClientSampleId :
IBLK

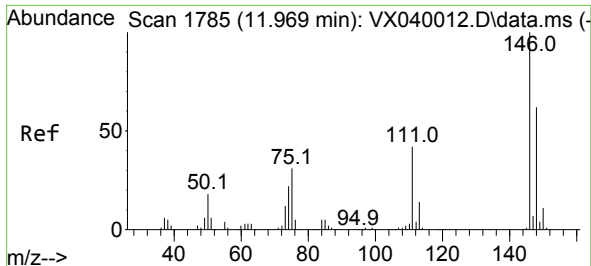
Tgt Ion: 75 Resp: 41610
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.542 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040039.D
Acq: 31 Jan 2024 11:41

Tgt Ion: 75 Resp: 41610
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: 0.273 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.000 min

Lab File: VX040039.D

Acq: 31 Jan 2024 11:41

Instrument :

MSVOA_X

ClientSampleId :

IBLK

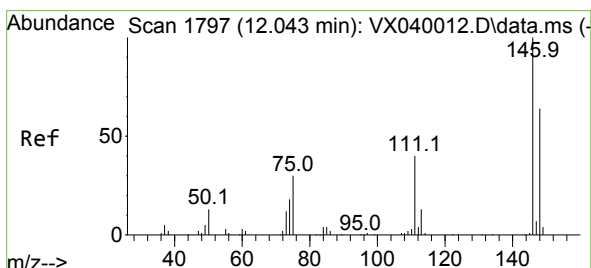
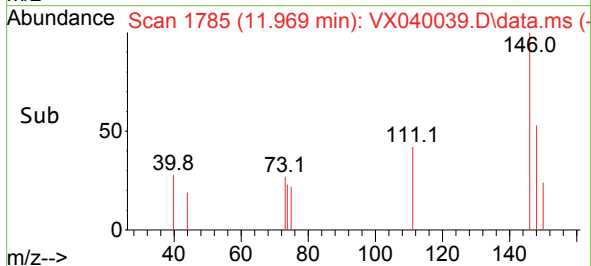
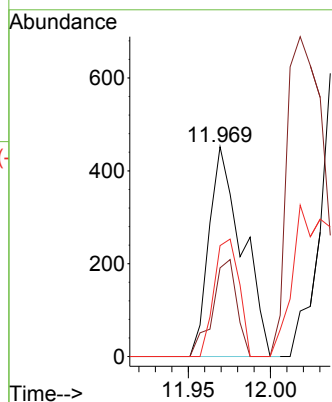
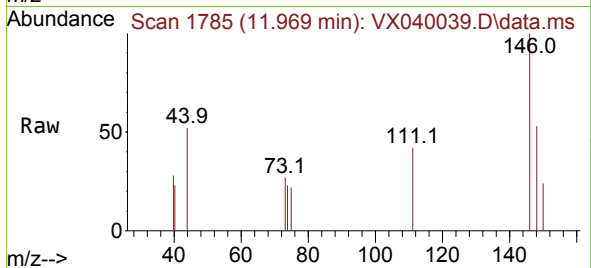
Tgt Ion:146 Resp: 633

Ion Ratio Lower Upper

146 100

111 33.6 22.1 66.1

148 42.2 31.8 95.3



#88

1,4-Dichlorobenzene

Concen: 0.266 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.073 min

Lab File: VX040039.D

Acq: 31 Jan 2024 11:41

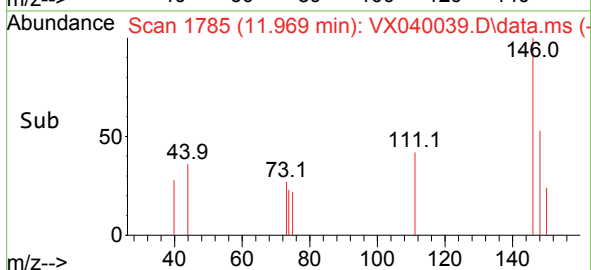
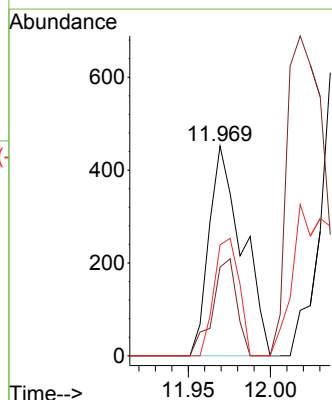
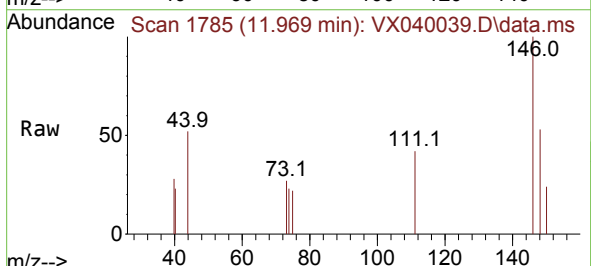
Tgt Ion:146 Resp: 633

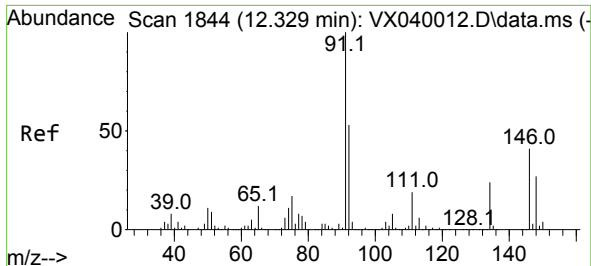
Ion Ratio Lower Upper

146 100

111 33.6 21.3 63.7

148 42.2 31.8 95.4

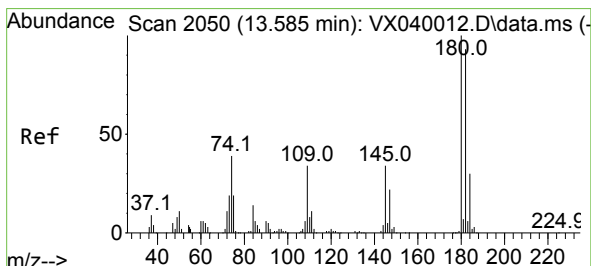
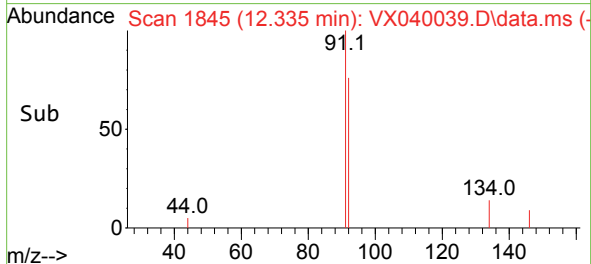
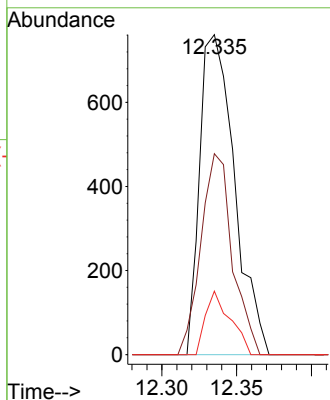
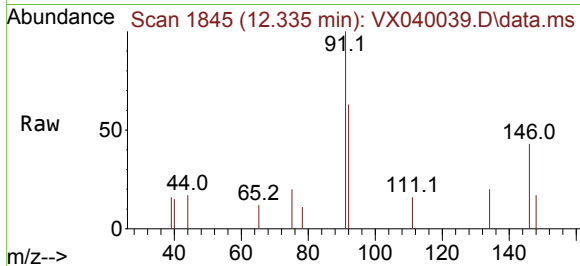




#89
n-Butylbenzene
Concen: 0.286 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.006 min
Lab File: VX040039.D
Acq: 31 Jan 2024 11:41

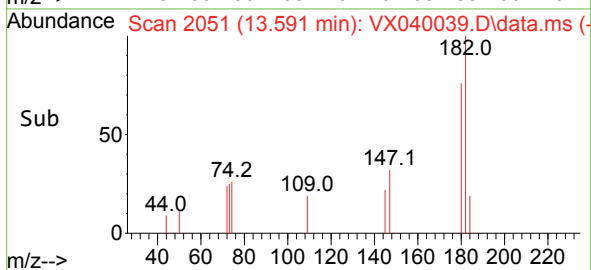
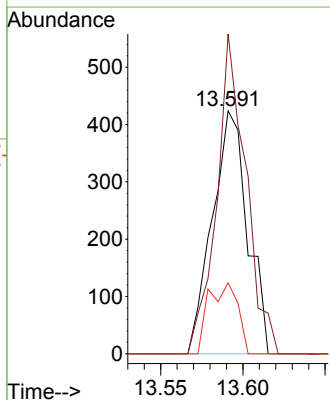
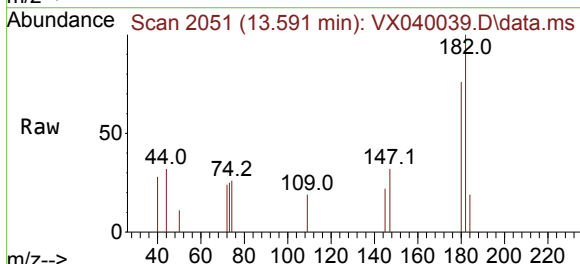
Instrument :
MSVOA_X
ClientSampleId :
IBLK

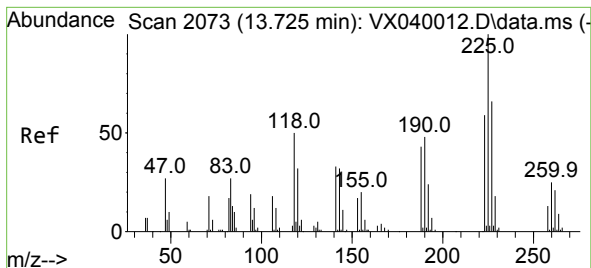
Tgt Ion: 91	Resp:	1231
Ion Ratio	Lower	Upper
91	100	
92	56.8	27.4 82.0
134	14.1	12.6 37.8



#93
1,2,4-Trichlorobenzene
Concen: 0.451 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX040039.D
Acq: 31 Jan 2024 11:41

Tgt Ion: 180	Resp:	631
Ion Ratio	Lower	Upper
180	100	
182	110.0	48.3 144.8
145	24.1	18.0 54.0





#94

Hexachlorobutadiene

Concen: 0.660 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX040039.D

Acq: 31 Jan 2024 11:41

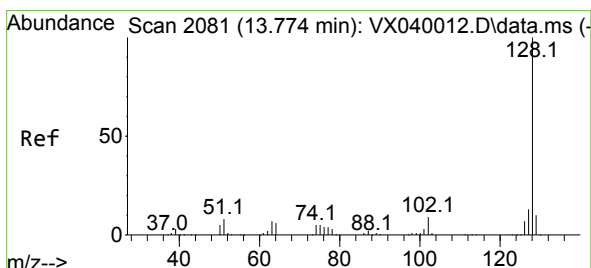
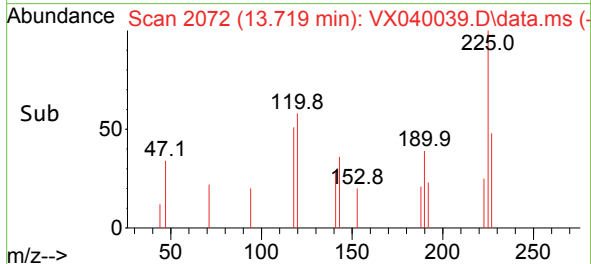
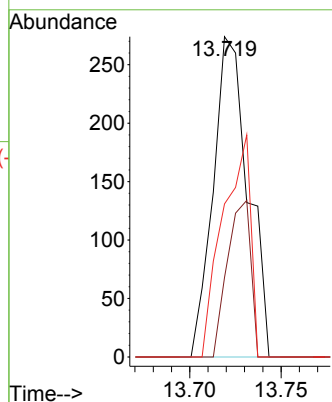
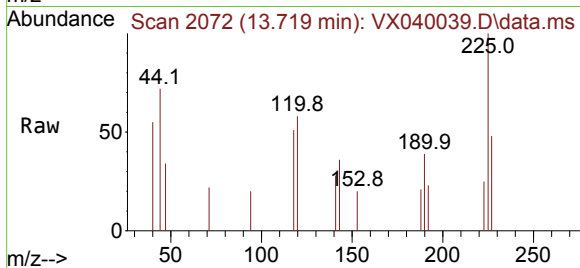
Instrument :

MSVOA_X

ClientSampleId :

IBLK

Tgt Ion:225	Resp:	364
Ion	Ratio	Lower Upper
225	100	
223	32.7	31.1 93.2
227	54.9	32.5 97.5



#95

Naphthalene

Concen: 0.450 ug/l

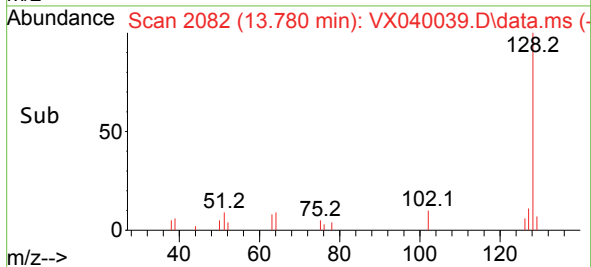
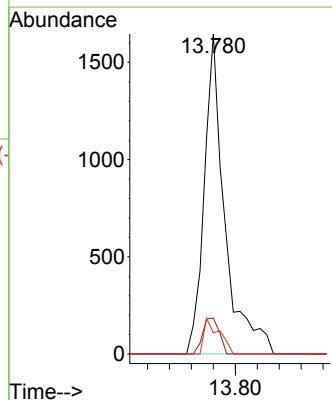
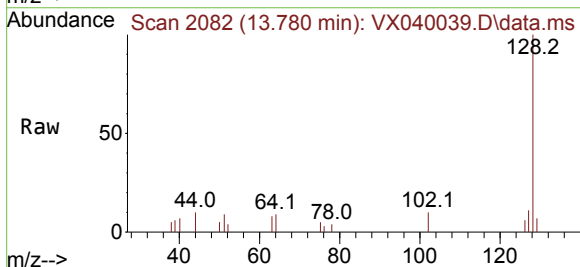
RT: 13.780 min Scan# 2082

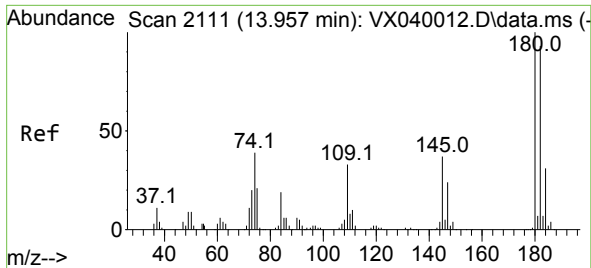
Delta R.T. 0.006 min

Lab File: VX040039.D

Acq: 31 Jan 2024 11:41

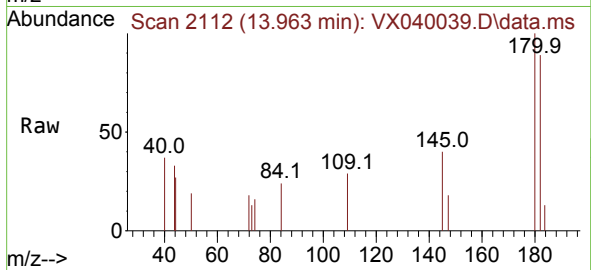
Tgt Ion:128	Resp:	2140
Ion	Ratio	Lower Upper
128	100	
127	9.0	10.3 15.5#
129	8.2	8.8 13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.384 ug/l
 RT: 13.963 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VX040039.D
 Acq: 31 Jan 2024 11:41

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion:180 Resp: 531
 Ion Ratio Lower Upper
 180 100
 182 92.8 46.9 140.6
 145 44.4 17.8 53.5

