

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012224\
 Data File : VX039876.D
 Acq On : 22 Jan 2024 12:21
 Operator : JC/MD
 Sample : P1185-07DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 23 00:15:00 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)

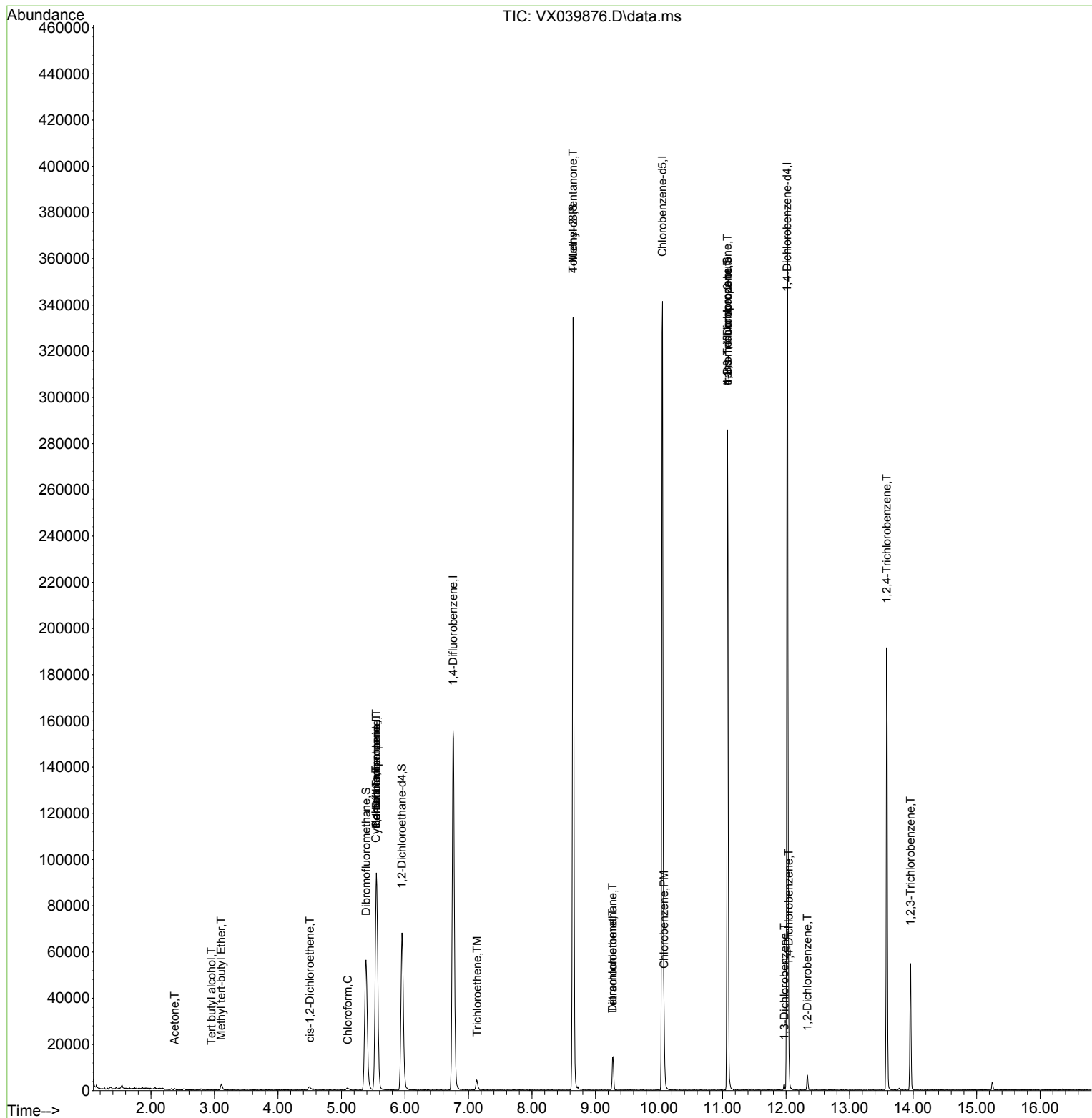
Internal Standards						
1) Pentafluorobenzene	5.549	168	82727	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.756	114	152104	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	147701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	72103	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	64810	46.767	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.540%
35) Dibromofluoromethane	5.385	113	49595	48.410	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.820%
50) Toluene-d8	8.646	98	186765	48.336	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.680%
62) 4-Bromofluorobenzene	11.079	95	75441	49.929	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.860%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.952	59	82	0.227	ug/l #	78
16) Acetone	2.373	43	479	0.615	ug/l	100
19) Methyl tert-butyl Ether	3.105	73	2313	0.654	ug/l #	80
27) cis-1,2-Dichloroethene	4.501	96	1124	0.935	ug/l	72
30) Chloroform	5.098	83	1200	0.591	ug/l	87
31) Cyclohexane	5.543	56	2488	1.360	ug/l #	21
36) 1,1-Dichloropropene	5.549	75	7844	4.919	ug/l #	50
38) Carbon Tetrachloride	5.549	117	9187	6.290	ug/l #	16
44) Trichloroethene	7.134	130	1729	1.562	ug/l	100
51) 4-Methyl-2-Pentanone	8.646	43	1005	0.468	ug/l #	1
60) Dibromochloromethane	9.268	129	2873	2.653	ug/l #	11
64) Tetrachloroethene	9.268	164	2688	2.799	ug/l	96
65) Chlorobenzene	10.079	112	10249	3.332	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	41897	22.413	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	41897	64.909	ug/l #	5
87) 1,3-Dichlorobenzene	11.975	146	836	0.341	ug/l	77
88) 1,4-Dichlorobenzene	12.042	146	5131	2.028	ug/l	80
91) 1,2-Dichlorobenzene	12.335	146	1890	0.780	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	39102	26.416	ug/l	97
96) 1,2,3-Trichlorobenzene	13.962	180	11628	7.783	ug/l	100

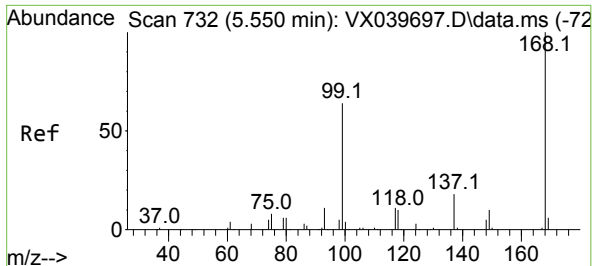
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012224\
Data File : VX039876.D
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Sample : P1185-07DL 5X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

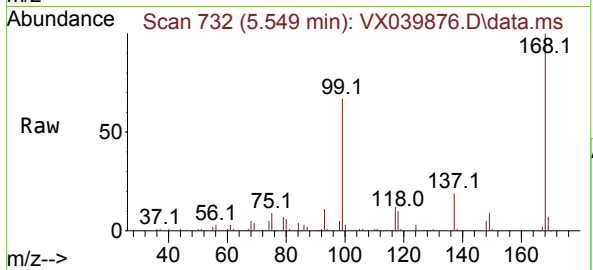
Quant Time: Jan 23 00:15:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011024W.M
Quant Title : SW846 8260
QLast Update : Thu Jan 11 03:51:26 2024
Response via : Initial Calibration



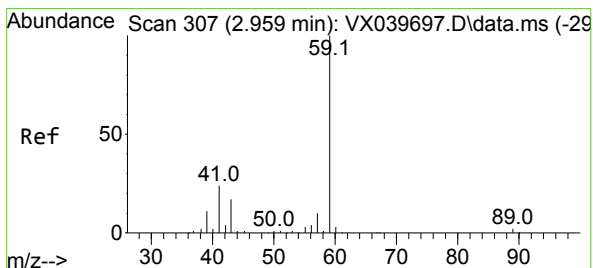
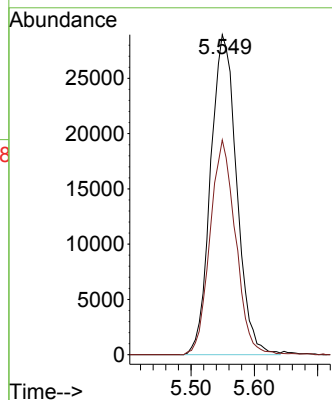
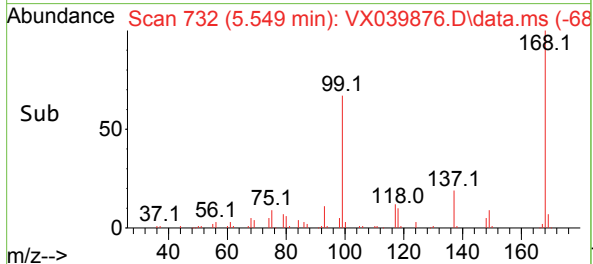


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX039876.D
Acq: 22 Jan 2024 12:21

Instrument :
MSVOA_X
ClientSampleId :

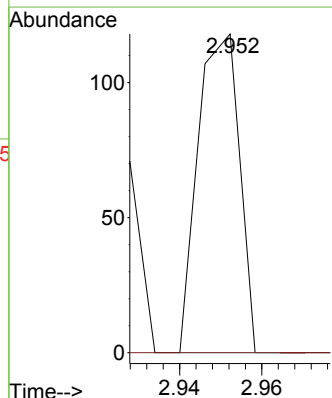
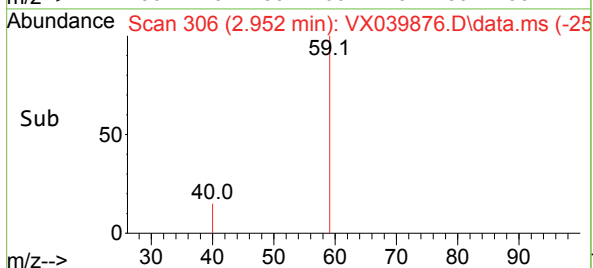
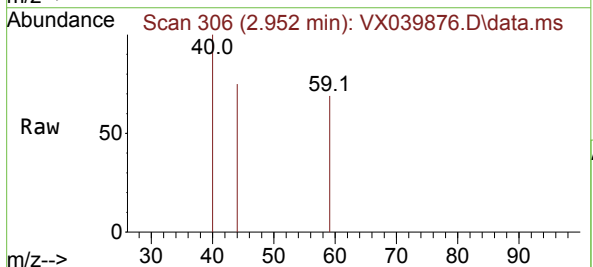


Tgt Ion:168 Resp: 82727
Ion Ratio Lower Upper
168 100
99 67.1 56.6 85.0



#11
Tert butyl alcohol
Concen: 0.227 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX039876.D
Acq: 22 Jan 2024 12:21

Tgt Ion: 59 Resp: 82
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

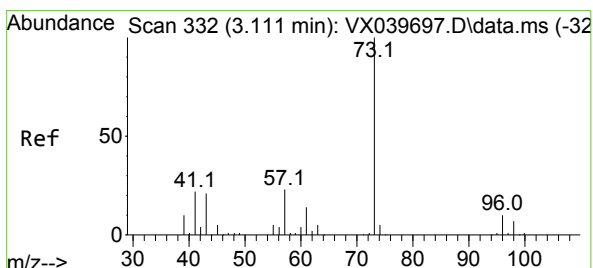
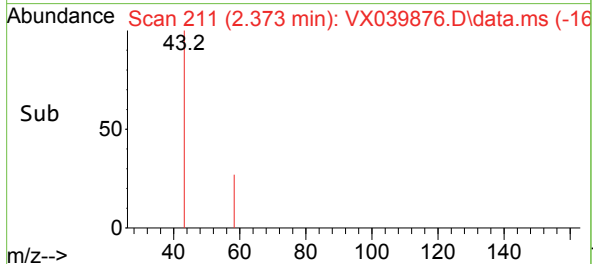
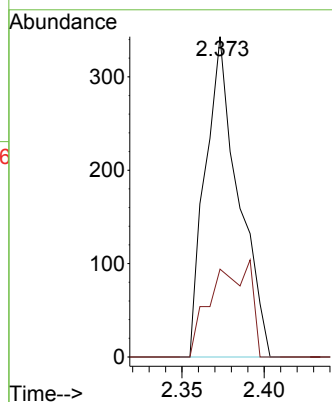
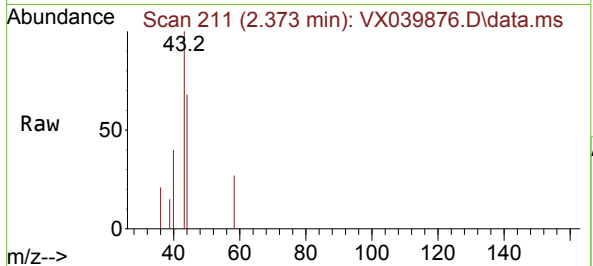




#16
Acetone
Concen: 0.615 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX039876.D
Acq: 22 Jan 2024 12:21

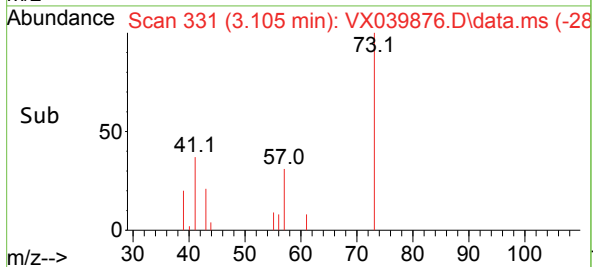
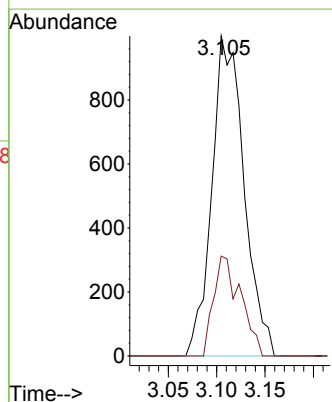
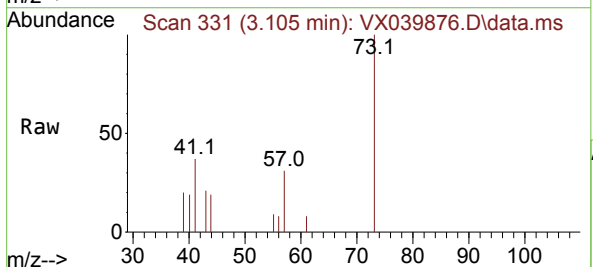
Instrument :
MSVOA_X
ClientSampleId :

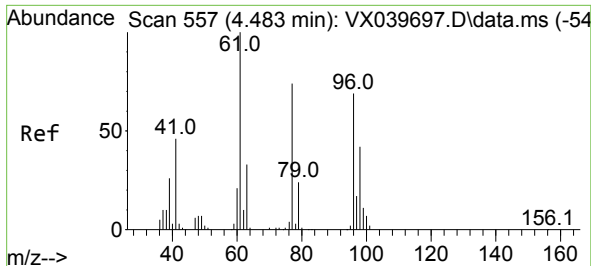
Tgt Ion: 43 Resp: 479
Ion Ratio Lower Upper
43 100
58 27.4 21.9 32.9



#19
Methyl tert-butyl Ether
Concen: 0.654 ug/l
RT: 3.105 min Scan# 331
Delta R.T. -0.006 min
Lab File: VX039876.D
Acq: 22 Jan 2024 12:21

Tgt Ion: 73 Resp: 2313
Ion Ratio Lower Upper
73 100
57 31.2 17.3 25.9#





#27

cis-1,2-Dichloroethene

Concen: 0.935 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.018 min

Lab File: VX039876.D

Acq: 22 Jan 2024 12:21

Instrument :

MSVOA_X

ClientSampleId :

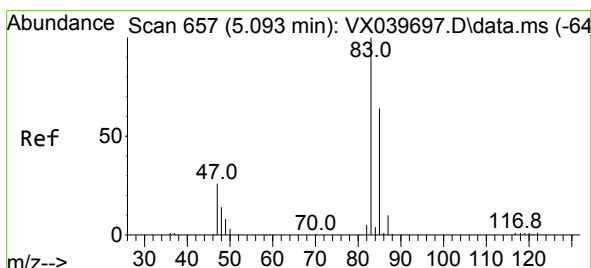
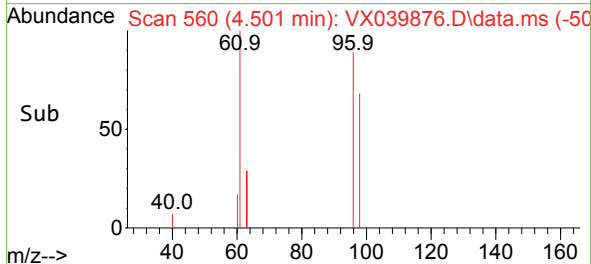
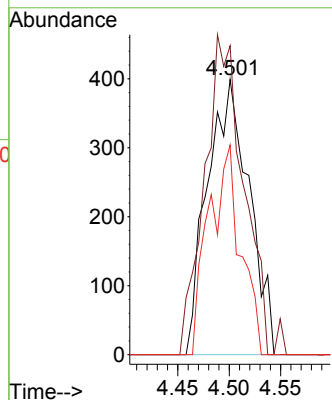
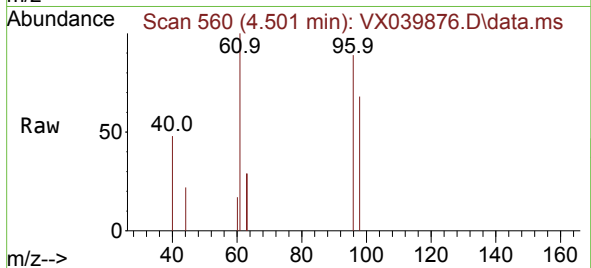
Tgt Ion: 96 Resp: 1124

Ion Ratio Lower Upper

96 100

61 108.4 0.0 312.2

98 58.4 0.0 129.0



#30

Chloroform

Concen: 0.591 ug/l

RT: 5.098 min Scan# 658

Delta R.T. 0.006 min

Lab File: VX039876.D

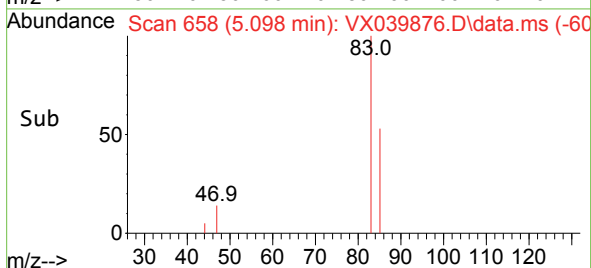
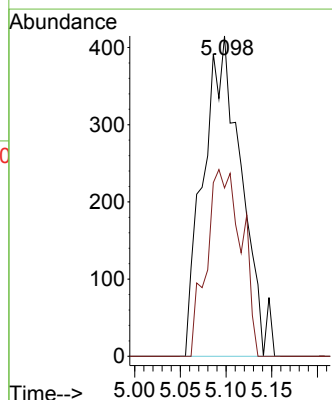
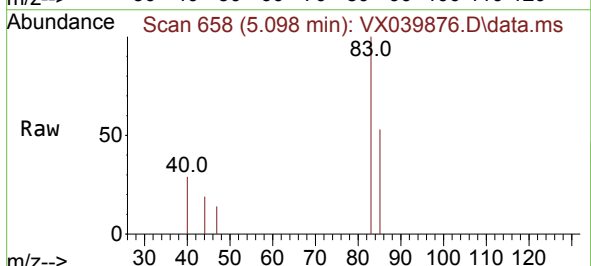
Acq: 22 Jan 2024 12:21

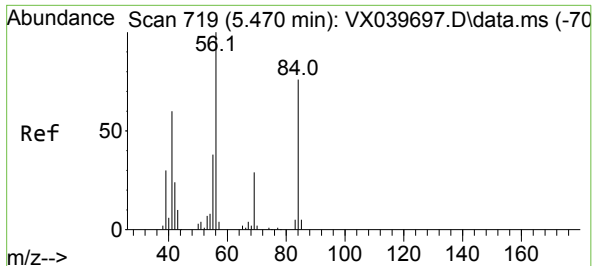
Tgt Ion: 83 Resp: 1200

Ion Ratio Lower Upper

83 100

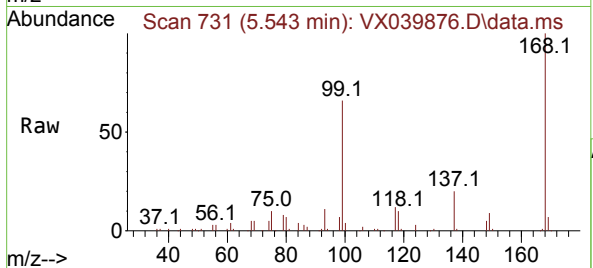
85 52.5 50.3 75.5



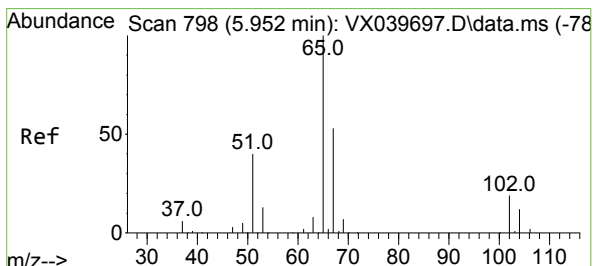
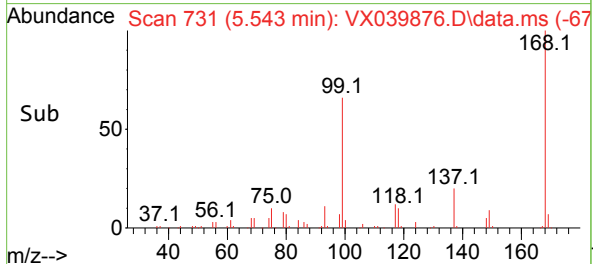
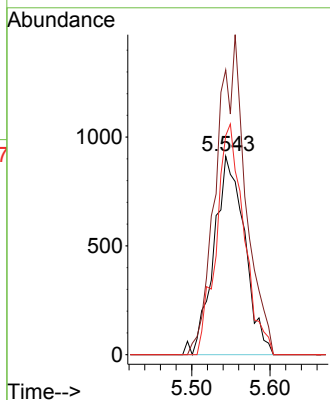


#31
Cyclohexane
Concen: 1.360 ug/l
RT: 5.543 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX039876.D
Acq: 22 Jan 2024 12:21

Instrument :
MSVOA_X
ClientSampleId :

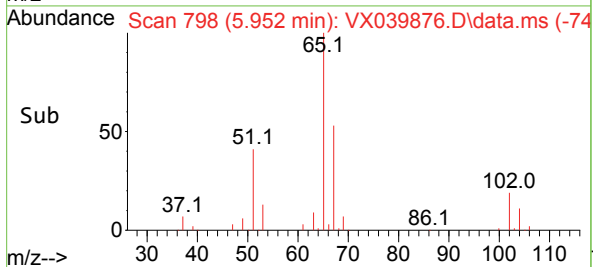
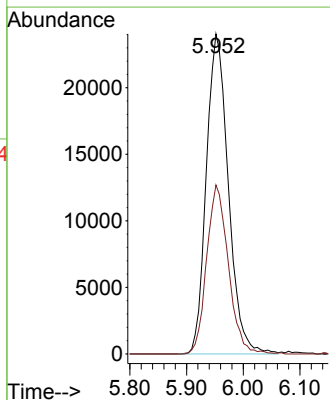
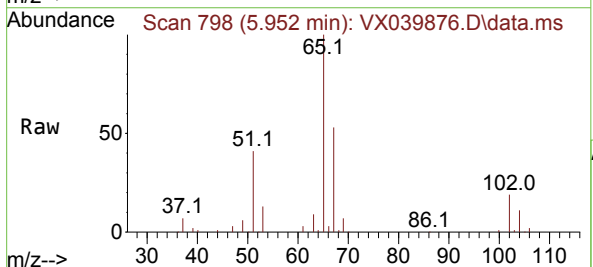


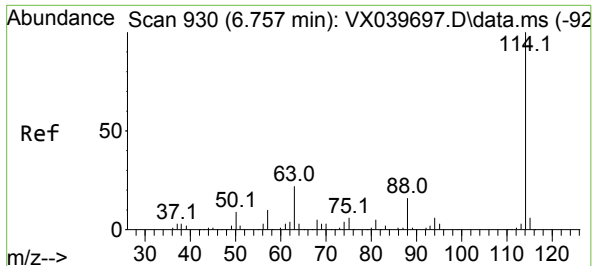
Tgt Ion: 56 Resp: 2488
Ion Ratio Lower Upper
56 100
69 143.5 23.4 35.2#
84 110.4 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.767 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX039876.D
Acq: 22 Jan 2024 12:21

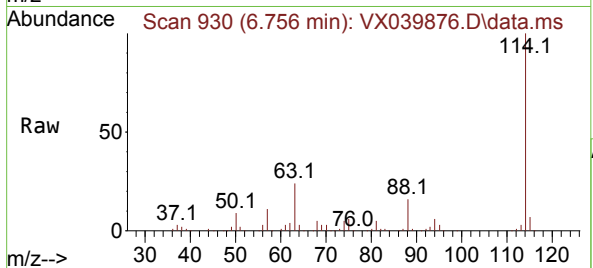
Tgt Ion: 65 Resp: 64810
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.2



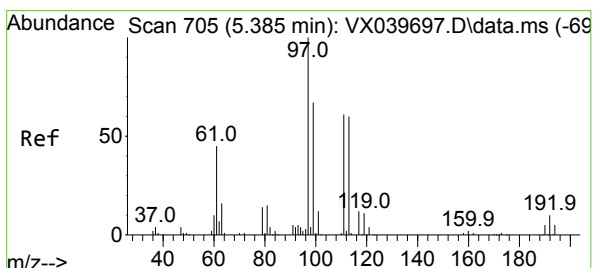
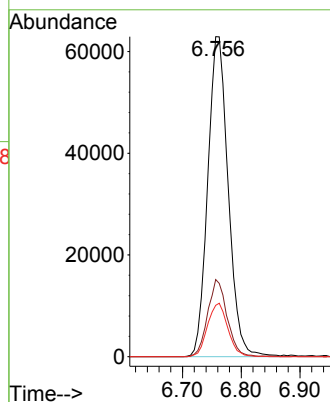
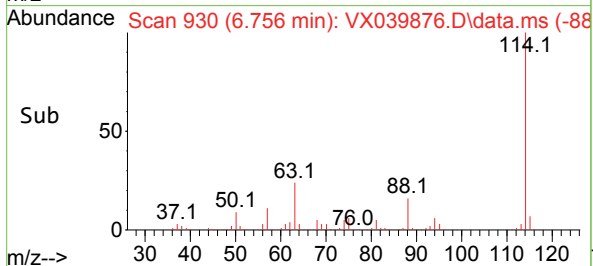


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.756 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX039876.D
Acq: 22 Jan 2024 12:21

Instrument :
MSVOA_X
ClientSampleId :

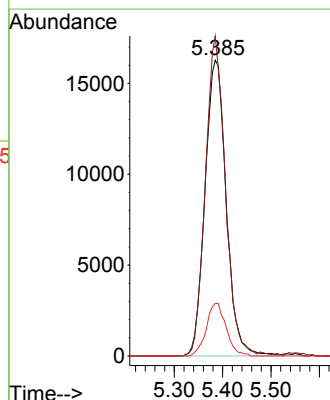
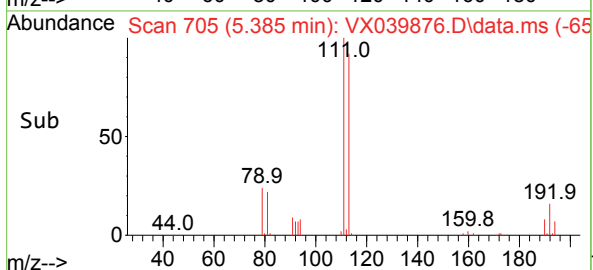
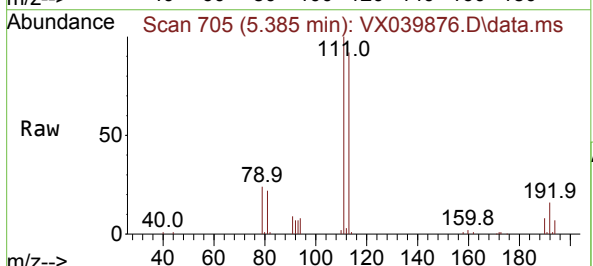


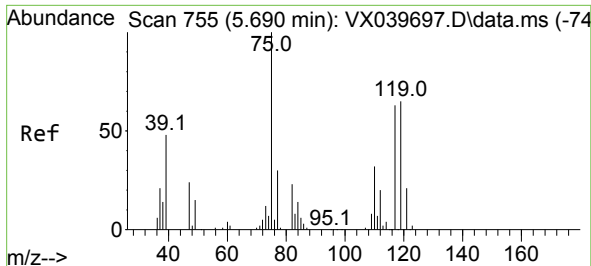
Tgt Ion:114 Resp: 152104
Ion Ratio Lower Upper
114 100
63 24.1 0.0 45.0
88 16.1 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.410 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX039876.D
Acq: 22 Jan 2024 12:21

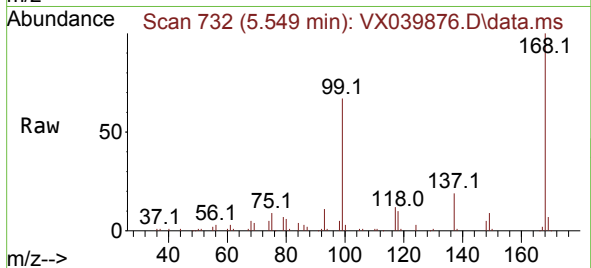
Tgt Ion:113 Resp: 49595
Ion Ratio Lower Upper
113 100
111 101.7 82.9 124.3
192 16.6 13.3 19.9



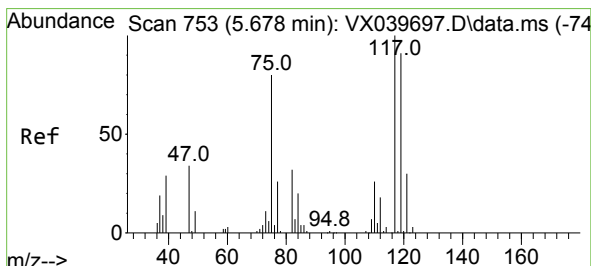
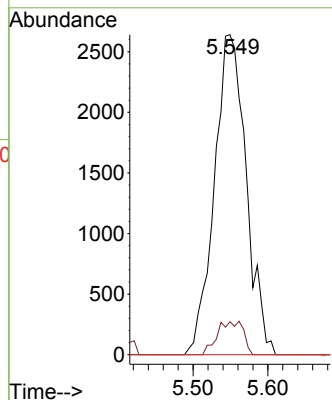
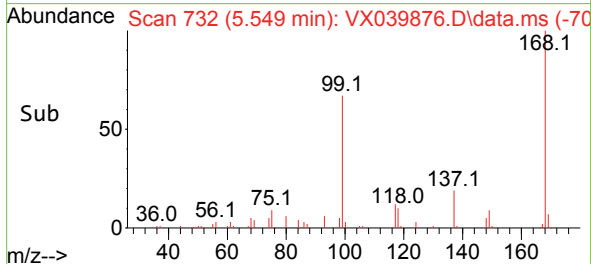


#36
1,1-Dichloropropene
Concen: 4.919 ug/l
RT: 5.549 min Scan# 712
Delta R.T. -0.141 min
Lab File: VX039876.D
Acq: 22 Jan 2024 12:21

Instrument :
MSVOA_X
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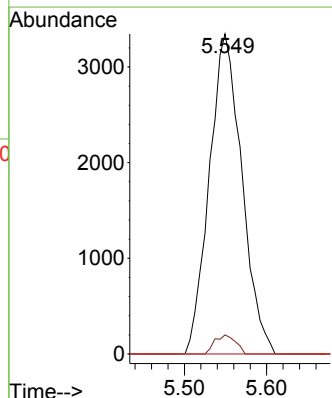
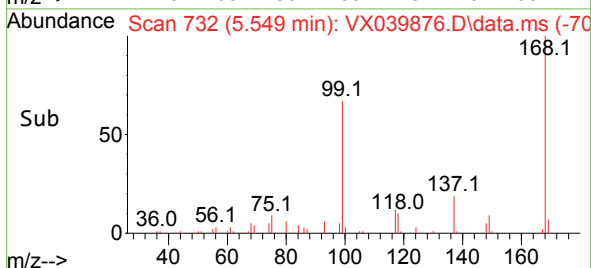
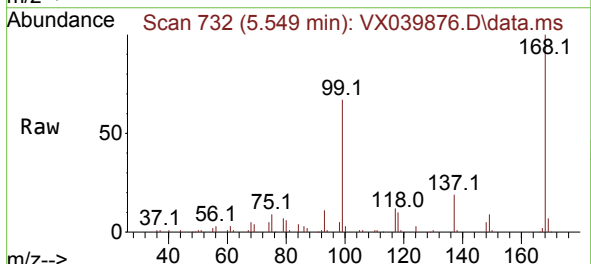


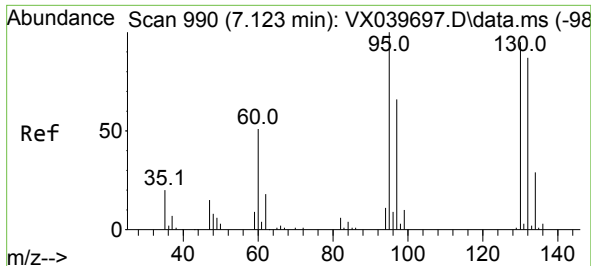
Tgt Ion: 75 Resp: 7844
Ion Ratio Lower Upper
75 100
110 8.5 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.290 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX039876.D
Acq: 22 Jan 2024 12:21

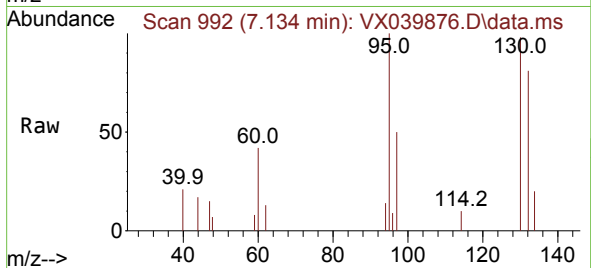
Tgt Ion: 117 Resp: 9187
Ion Ratio Lower Upper
117 100
119 5.9 78.2 117.2#
121 0.0 24.4 36.6#



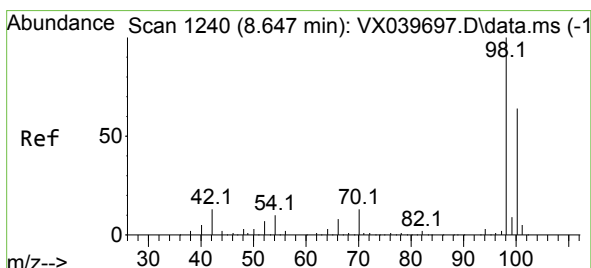
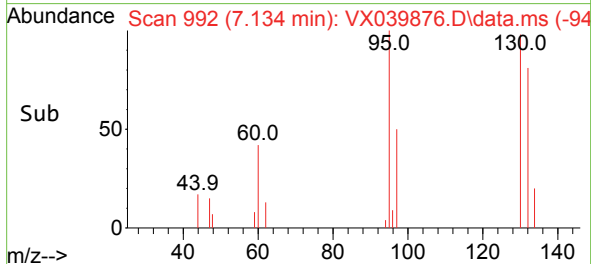
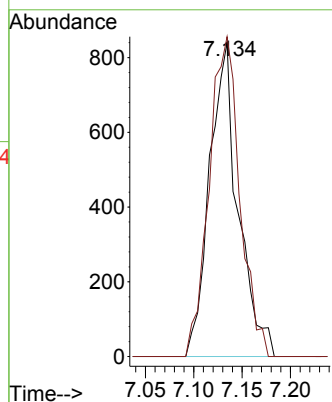


#44
Trichloroethene
Concen: 1.562 ug/l
RT: 7.134 min Scan# 990
Delta R.T. 0.012 min
Lab File: VX039876.D
Acq: 22 Jan 2024 12:21

Instrument :
MSVOA_X
ClientSampleId :

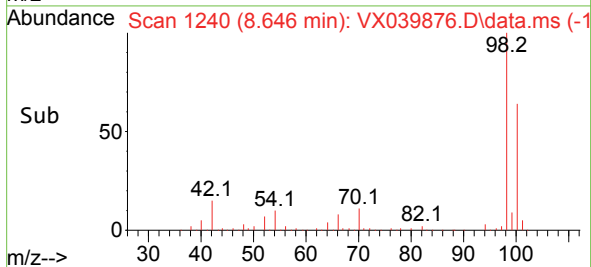
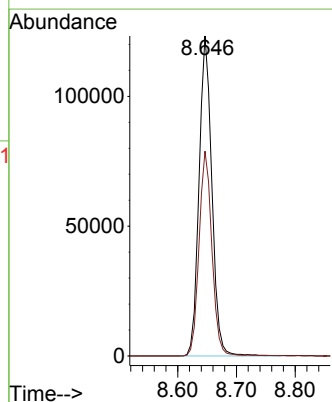
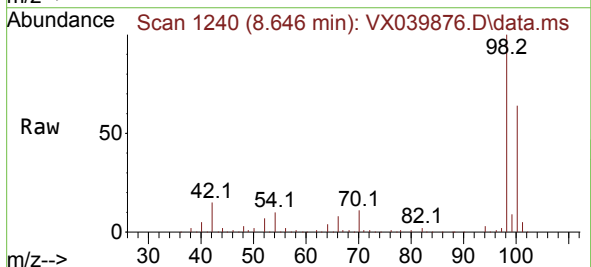


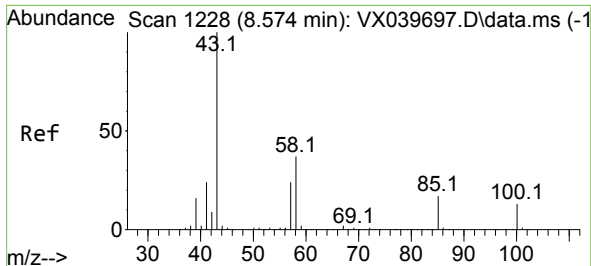
Tgt Ion:130 Resp: 1729
Ion Ratio Lower Upper
130 100
95 101.8 0.0 204.4



#50
Toluene-d8
Concen: 48.336 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX039876.D
Acq: 22 Jan 2024 12:21

Tgt Ion: 98 Resp: 186765
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7

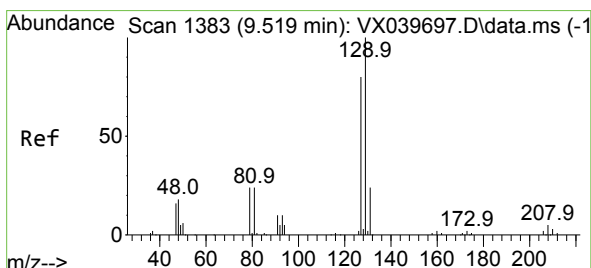
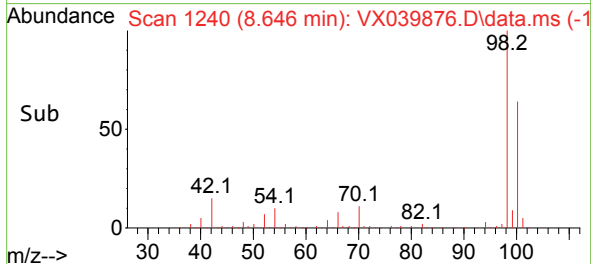
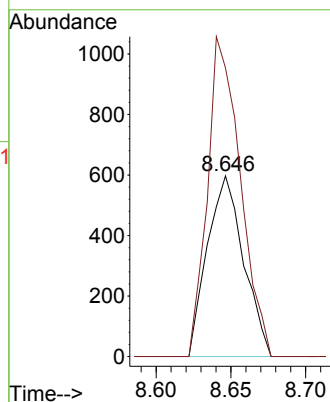
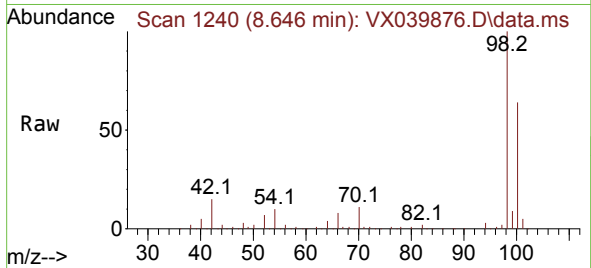




#51
4-Methyl-2-Pentanone
Concen: 0.468 ug/l
RT: 8.646 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX039876.D
Acq: 22 Jan 2024 12:21

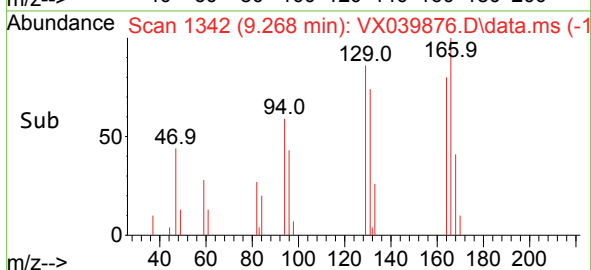
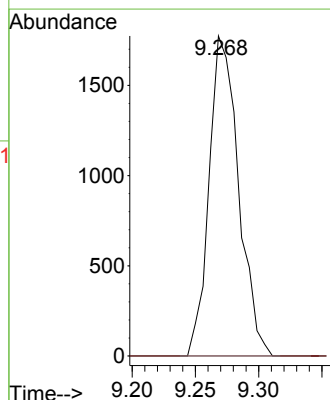
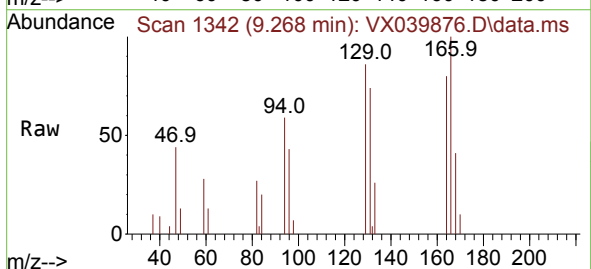
Instrument :
MSVOA_X
ClientSampleId :

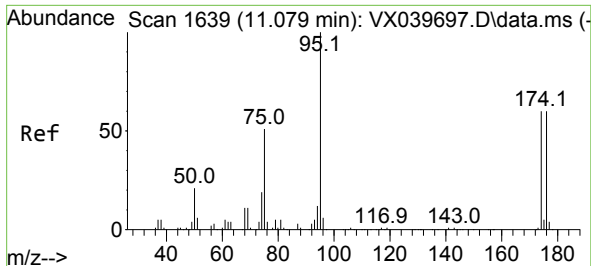
Tgt Ion: 43 Resp: 1005
Ion Ratio Lower Upper
43 100
58 160.6 30.4 45.6#



#60
Dibromochloromethane
Concen: 2.653 ug/l
RT: 9.268 min Scan# 1342
Delta R.T. -0.250 min
Lab File: VX039876.D
Acq: 22 Jan 2024 12:21

Tgt Ion: 129 Resp: 2873
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

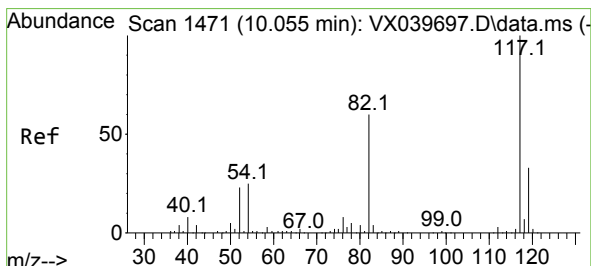
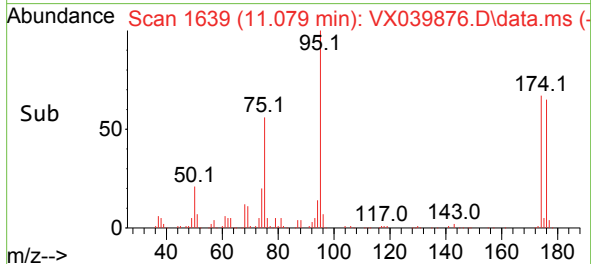
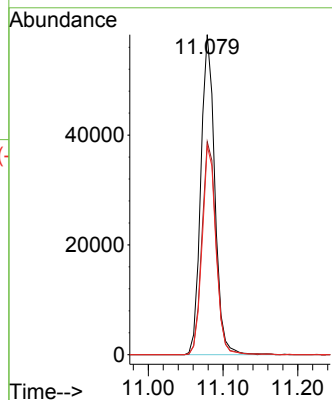
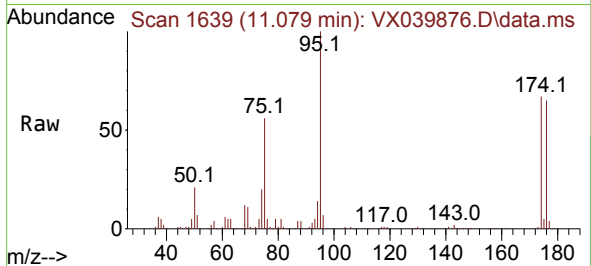




#62
4-Bromofluorobenzene
Concen: 49.929 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX039876.D
Acq: 22 Jan 2024 12:21

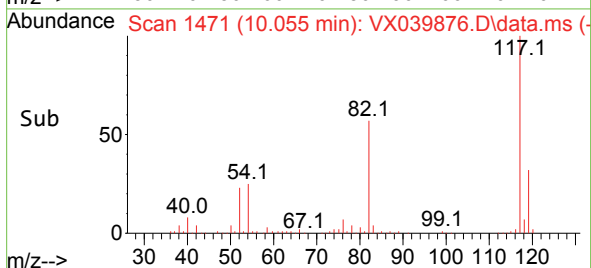
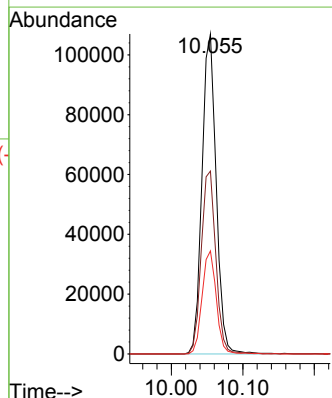
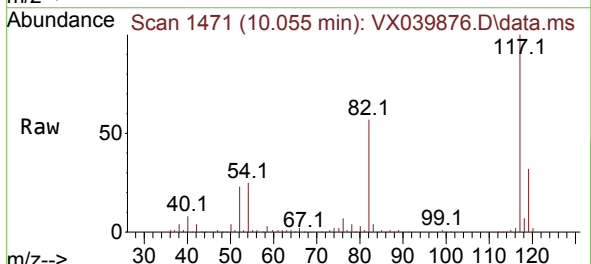
Instrument :
MSVOA_X
ClientSampleId :

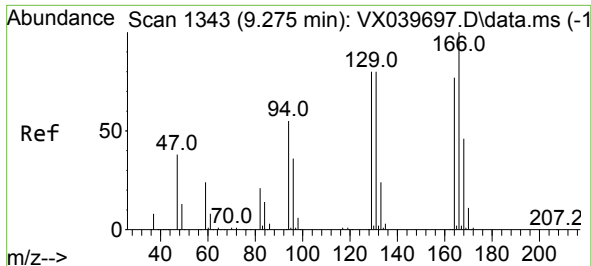
Tgt Ion: 95 Resp: 75441
Ion Ratio Lower Upper
95 100
174 67.4 0.0 135.6
176 64.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX039876.D
Acq: 22 Jan 2024 12:21

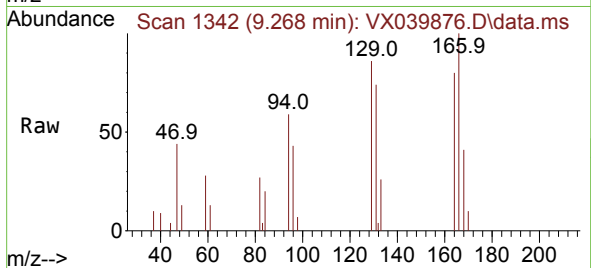
Tgt Ion: 117 Resp: 147701
Ion Ratio Lower Upper
117 100
82 57.2 46.2 69.4
119 32.2 25.5 38.3



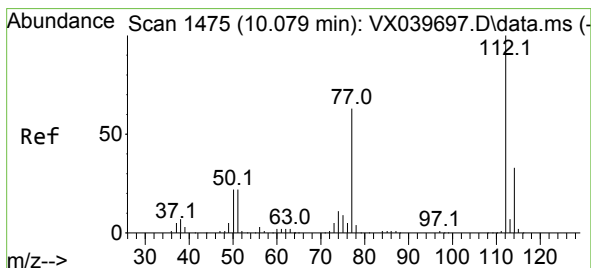
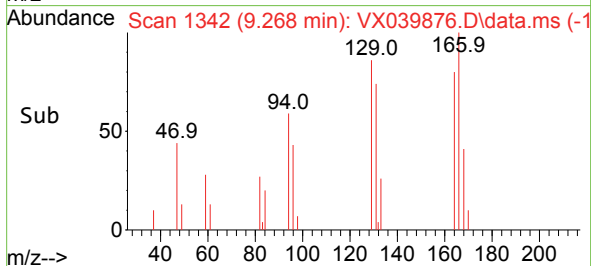
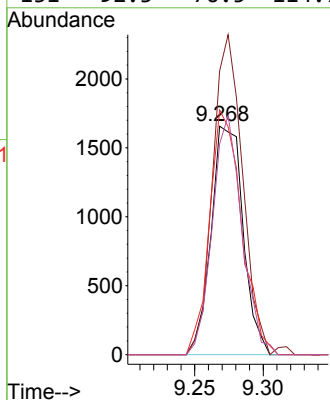


#64
Tetrachloroethene
Concen: 2.799 ug/l
RT: 9.268 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039876.D
Acq: 22 Jan 2024 12:21

Instrument :
MSVOA_X
ClientSampleId :

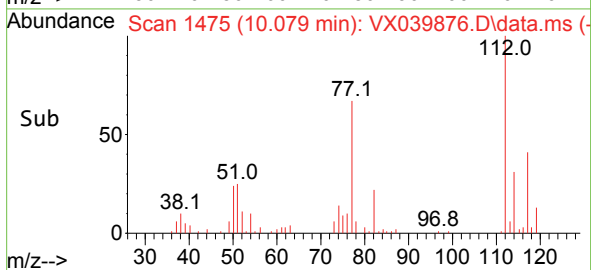
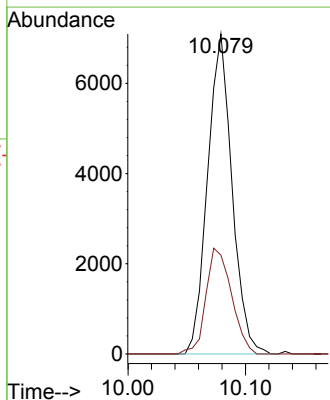
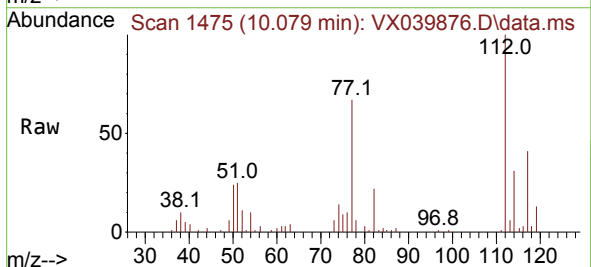


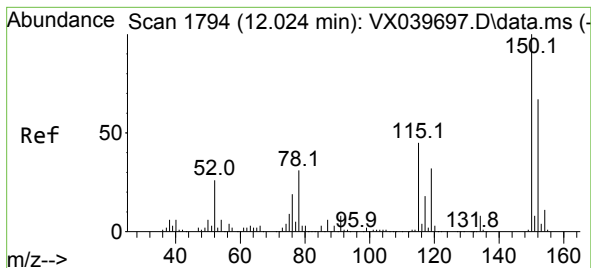
Tgt Ion:	164	Resp:	2688
Ion	Ratio	Lower	Upper
164	100		
166	124.3	102.7	154.1
129	107.1	80.4	120.6
131	92.3	76.5	114.7



#65
Chlorobenzene
Concen: 3.332 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX039876.D
Acq: 22 Jan 2024 12:21

Tgt Ion:	112	Resp:	10249
Ion	Ratio	Lower	Upper
112	100		
114	30.9	25.7	38.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX039876.D

Acq: 22 Jan 2024 12:21

Instrument :

MSVOA_X

ClientSampleId :

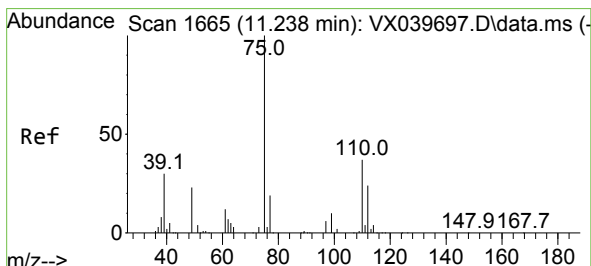
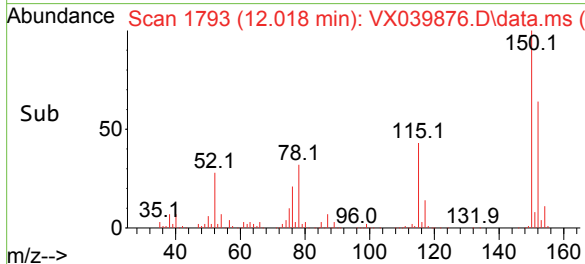
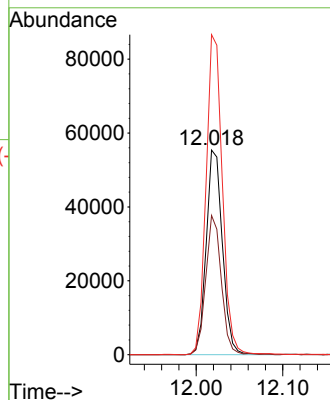
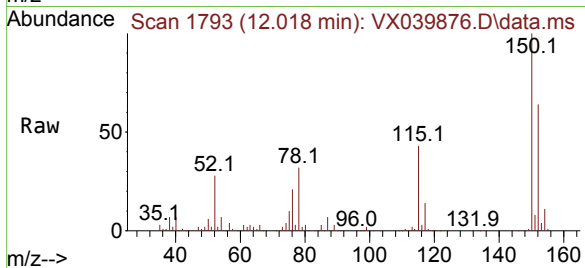
Tgt Ion:152 Resp: 72103

Ion Ratio Lower Upper

152 100

115 65.3 43.3 129.9

150 156.7 0.0 345.0



#76

1,2,3-Trichloropropane

Concen: 22.413 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX039876.D

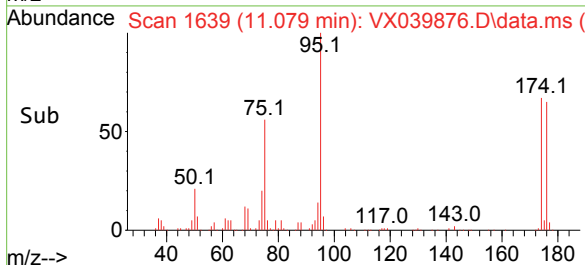
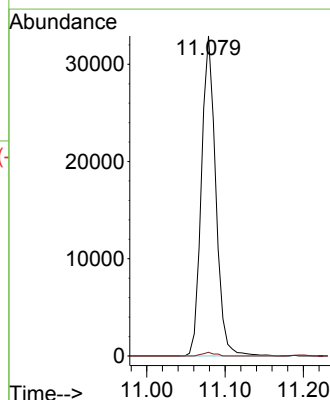
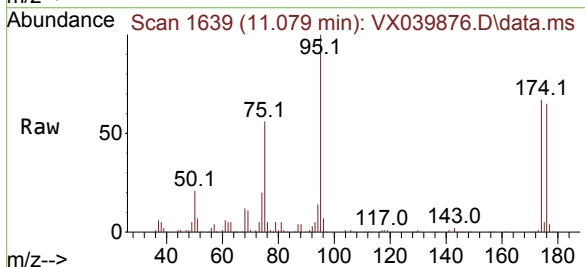
Acq: 22 Jan 2024 12:21

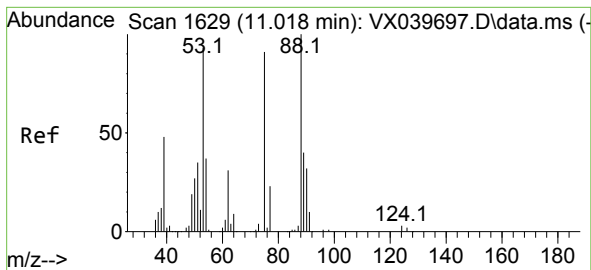
Tgt Ion: 75 Resp: 41897

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#

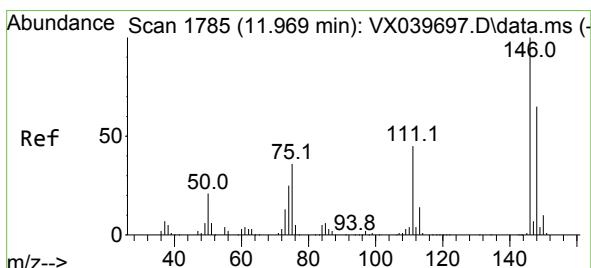
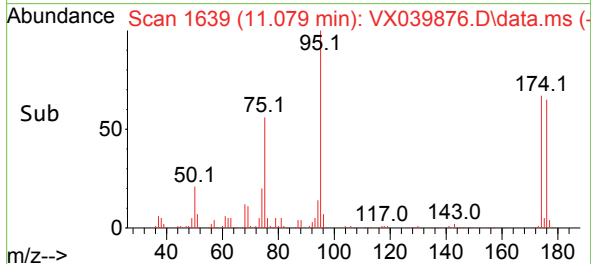
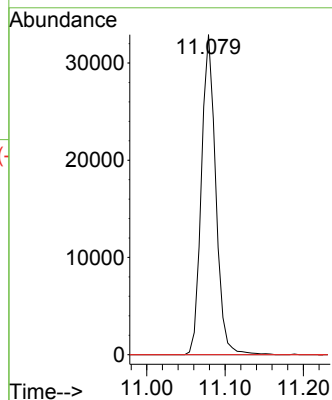
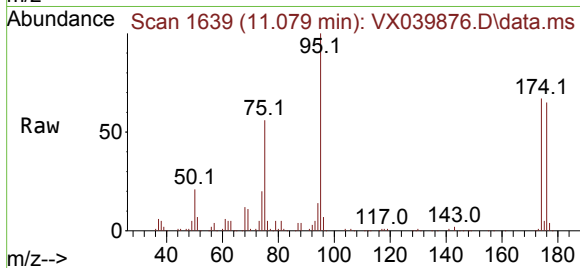




#81
trans-1,4-Dichloro-2-butene
Concen: 64.909 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX039876.D
Acq: 22 Jan 2024 12:21

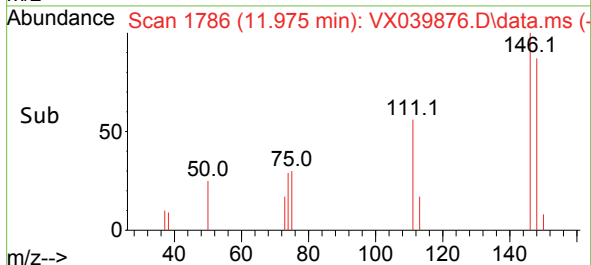
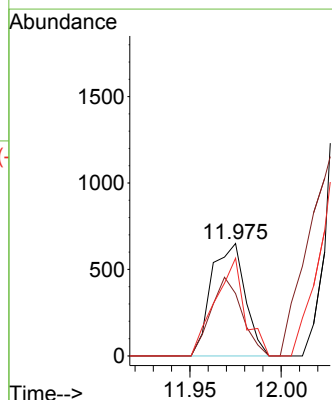
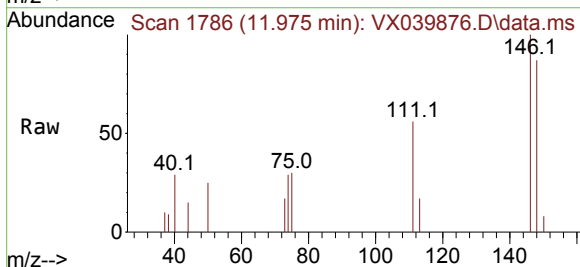
Instrument :
MSVOA_X
ClientSampleId :

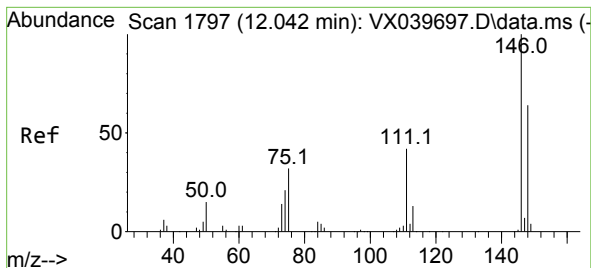
Tgt Ion: 75 Resp: 41897
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#87
1,3-Dichlorobenzene
Concen: 0.341 ug/l
RT: 11.975 min Scan# 1786
Delta R.T. 0.006 min
Lab File: VX039876.D
Acq: 22 Jan 2024 12:21

Tgt Ion:146 Resp: 836
Ion Ratio Lower Upper
146 100
111 64.2 22.1 66.1
148 77.2 31.8 95.3





#88

1,4-Dichlorobenzene

Concen: 2.028 ug/l

RT: 12.042 min Scan# 11

Delta R.T. -0.000 min

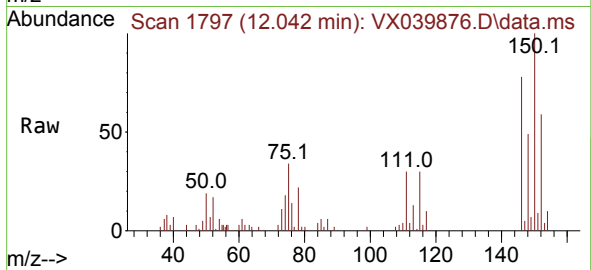
Lab File: VX039876.D

Acq: 22 Jan 2024 12:21

Instrument :

MSVOA_X

ClientSampleId :



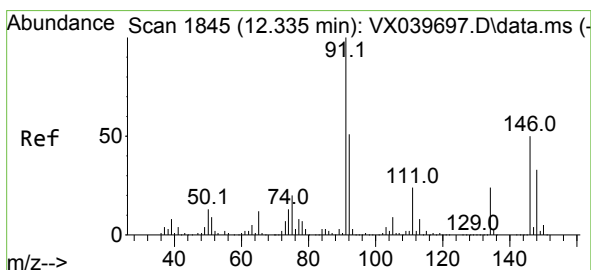
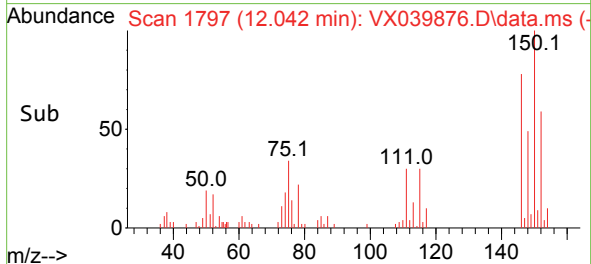
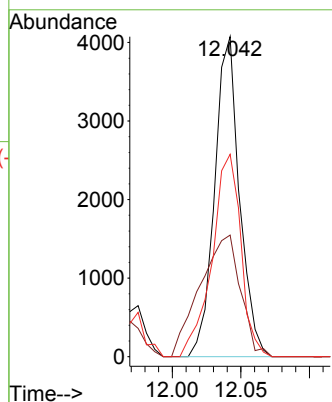
Tgt Ion:146 Resp: 5131

Ion Ratio Lower Upper

146 100

111 61.9 21.3 63.7

148 73.4 31.8 95.4



#91

1,2-Dichlorobenzene

Concen: 0.780 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. -0.000 min

Lab File: VX039876.D

Acq: 22 Jan 2024 12:21

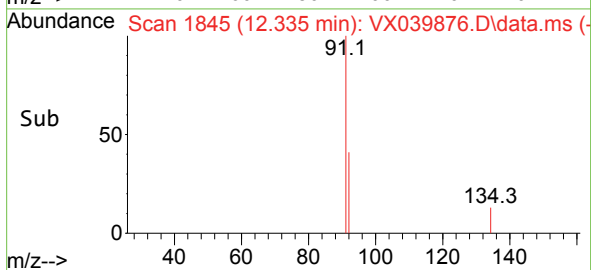
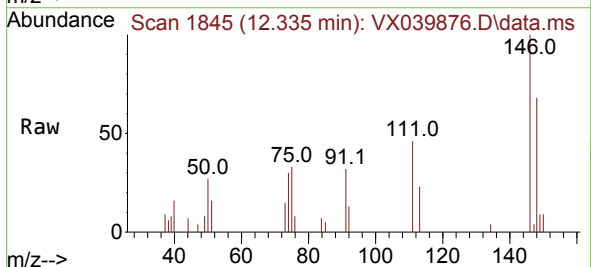
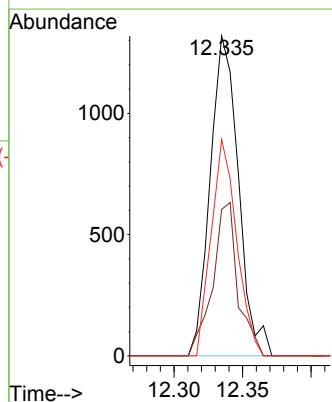
Tgt Ion:146 Resp: 1890

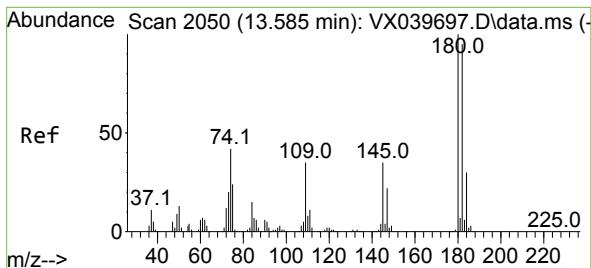
Ion Ratio Lower Upper

146 100

111 42.8 22.4 67.0

148 61.1 31.6 95.0





#93

1,2,4-Trichlorobenzene

Concen: 26.416 ug/l

RT: 13.585 min Scan# 2050

Delta R.T. -0.000 min

Lab File: VX039876.D

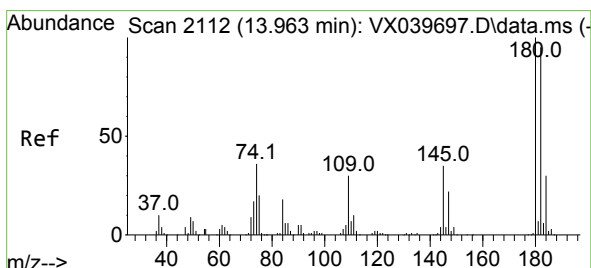
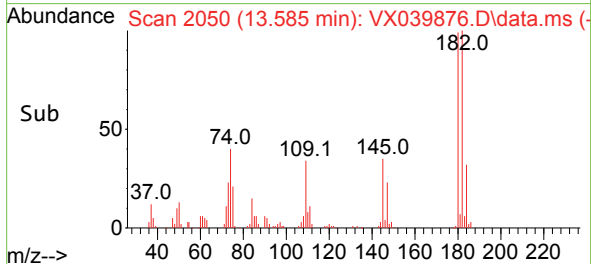
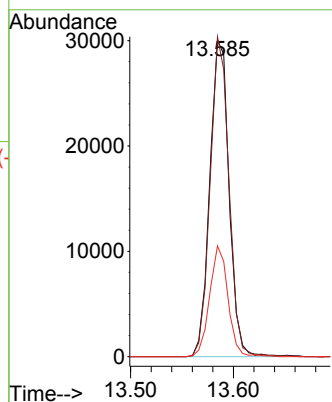
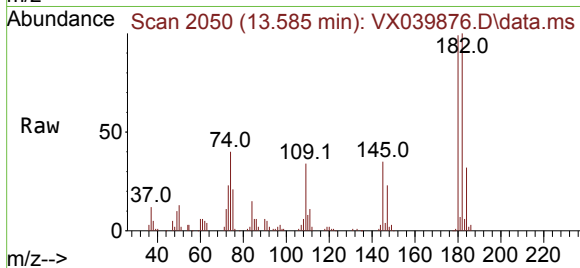
Acq: 22 Jan 2024 12:21

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:180	Resp:	39102
Ion Ratio	Lower	Upper
180	100	
182	98.3	48.3 144.8
145	33.4	18.0 54.0



#96

1,2,3-Trichlorobenzene

Concen: 7.783 ug/l

RT: 13.962 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX039876.D

Acq: 22 Jan 2024 12:21

Tgt Ion:180	Resp:	11628
Ion Ratio	Lower	Upper
180	100	
182	93.7	46.9 140.6
145	36.4	17.8 53.5

