

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020124\
 Data File : VX040059.D
 Acq On : 01 Feb 2024 10:33
 Operator : JC/MD
 Sample : VX0201WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0201WBL01

Quant Time: Feb 02 01:36:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

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

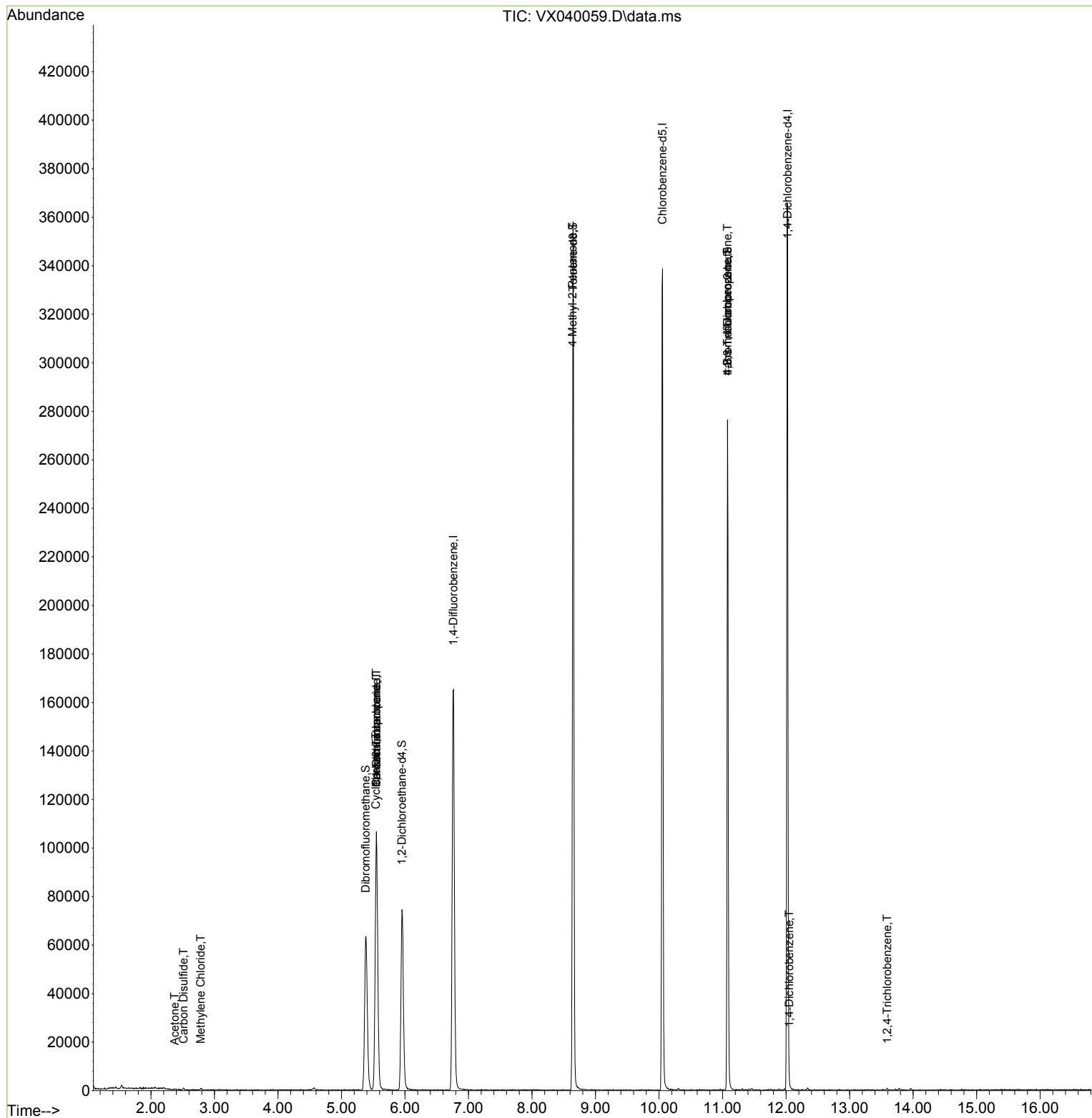
Internal Standards						
1) Pentafluorobenzene	5.550	168	92686	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	168587	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	149418	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72126	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71622	48.015	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	96.020%
35) Dibromofluoromethane	5.379	113	55506	48.366	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.740%
50) Toluene-d8	8.647	98	202239	47.122	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.240%
62) 4-Bromofluorobenzene	11.079	95	73430	44.434	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.860%
Target Compounds						
					Qvalue	
16) Acetone	2.374	43	253	0.362	ug/l #	47
17) Carbon Disulfide	2.514	76	760	0.249	ug/l #	87
20) Methylene Chloride	2.782	84	313	0.252	ug/l #	85
31) Cyclohexane	5.544	56	2562	1.371	ug/l #	33
36) 1,1-Dichloropropene	5.550	75	8299	5.000	ug/l #	50
38) Carbon Tetrachloride	5.550	117	10204	6.425	ug/l #	14
51) 4-Methyl-2-Pentanone	8.641	43	1103	0.565	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	39548	25.748	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	39548	75.769	ug/l #	5
88) 1,4-Dichlorobenzene	12.049	146	505	0.205	ug/l #	24
93) 1,2,4-Trichlorobenzene	13.591	180	309	0.213	ug/l #	81

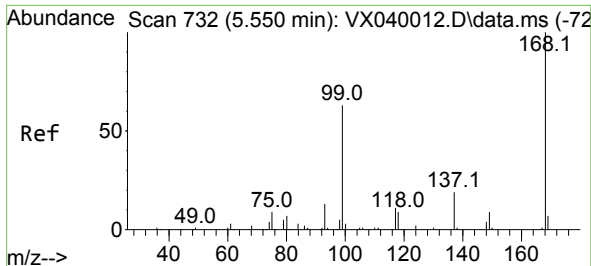
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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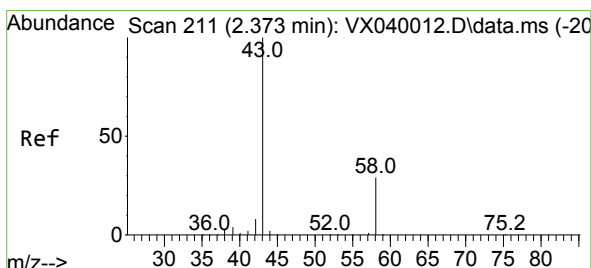
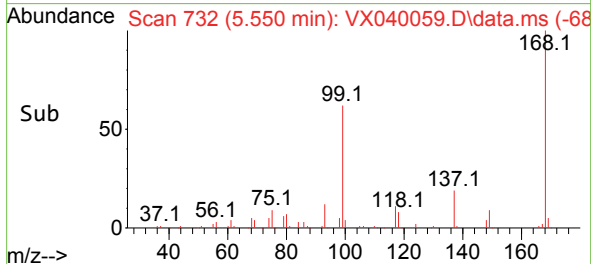
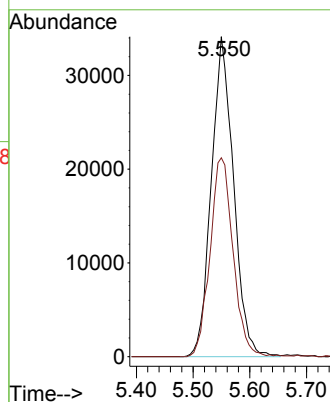
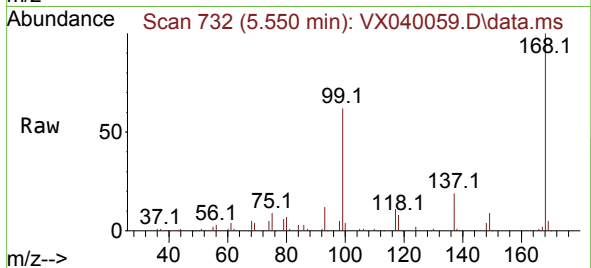




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX040059.D
Acq: 01 Feb 2024 10:33

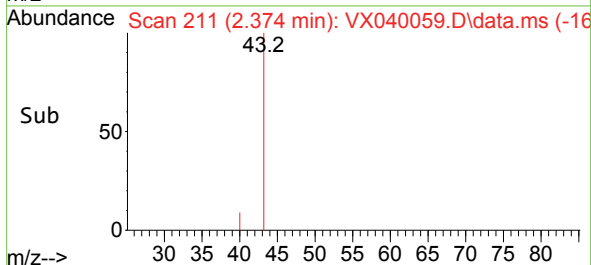
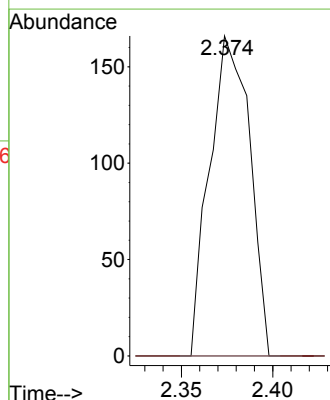
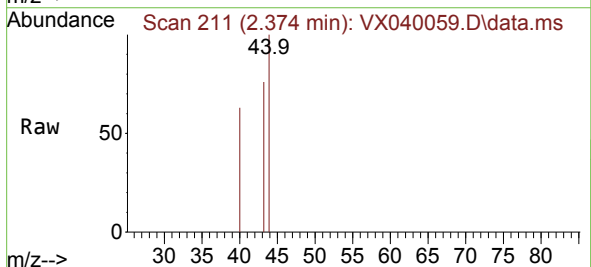
Instrument :
MSVOA_X
ClientSampleId :
VX0201WBL01

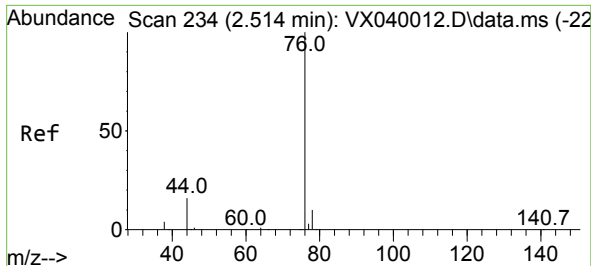
Tgt Ion:168 Resp: 92686
Ion Ratio Lower Upper
168 100
99 62.2 56.6 85.0



#16
Acetone
Concen: 0.362 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX040059.D
Acq: 01 Feb 2024 10:33

Tgt Ion: 43 Resp: 253
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#

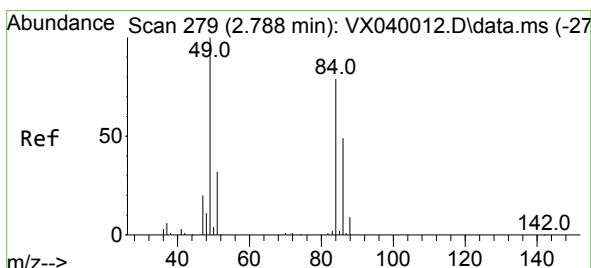
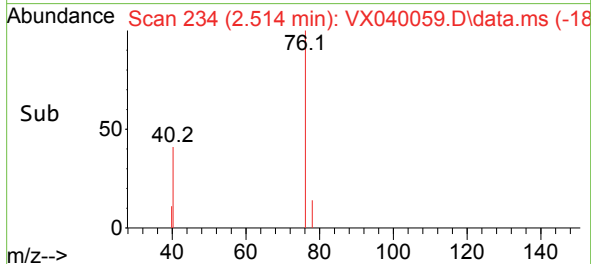
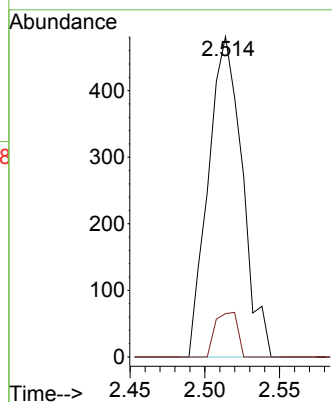
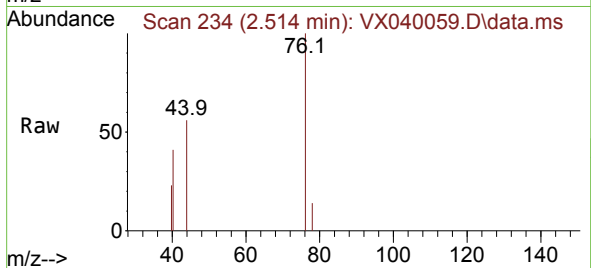




#17
Carbon Disulfide
Concen: 0.249 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX040059.D
Acq: 01 Feb 2024 10:33

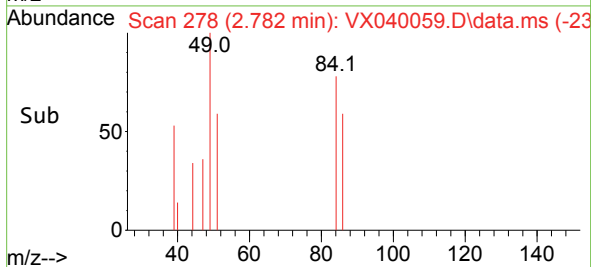
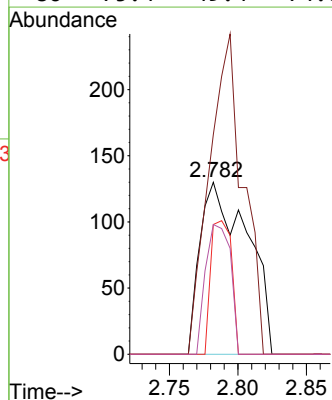
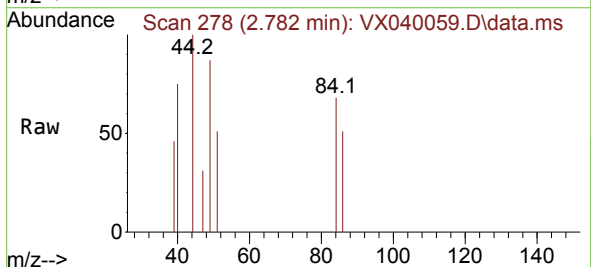
Instrument :
MSVOA_X
ClientSampleId :
VX0201WBL01

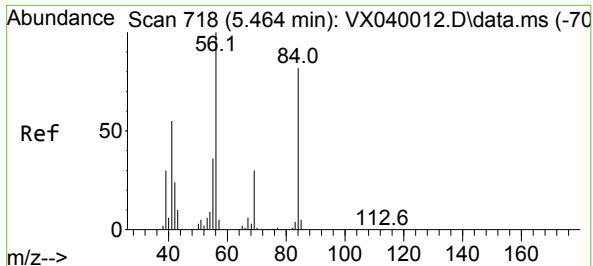
Tgt Ion: 76 Resp: 760
Ion Ratio Lower Upper
76 100
78 13.5 7.0 10.6#



#20
Methylene Chloride
Concen: 0.252 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX040059.D
Acq: 01 Feb 2024 10:33

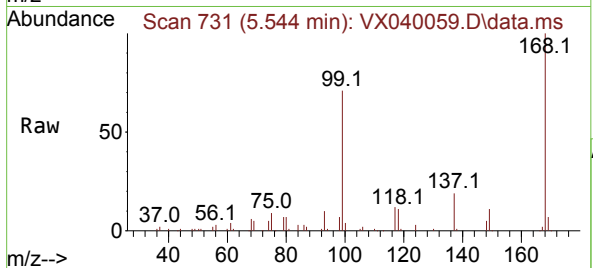
Tgt Ion: 84 Resp: 313
Ion Ratio Lower Upper
84 100
49 127.7 103.6 155.4
51 75.4 33.8 50.6#
86 75.4 49.4 74.0#



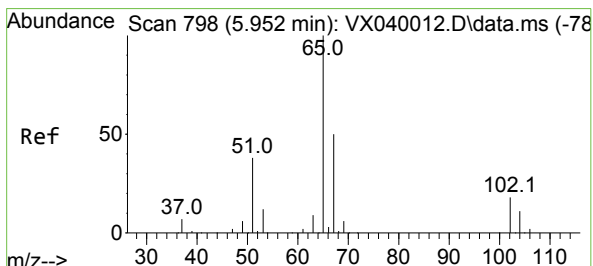
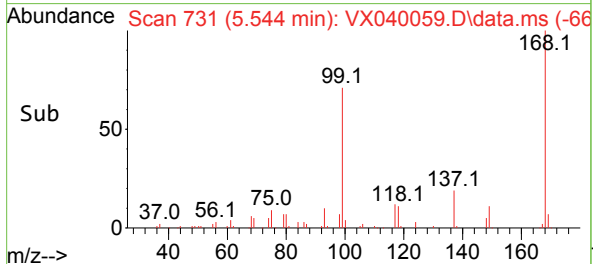
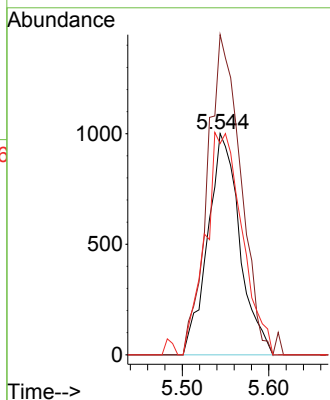


#31
Cyclohexane
Concen: 1.371 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX040059.D
Acq: 01 Feb 2024 10:33

Instrument :
MSVOA_X
ClientSampleId :
VX0201WBL01

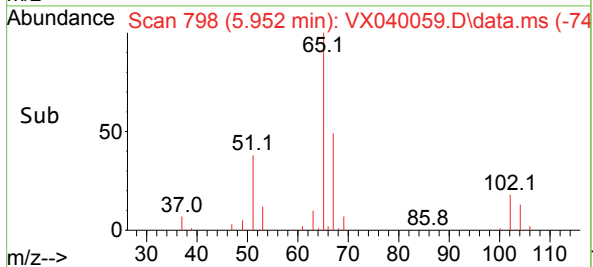
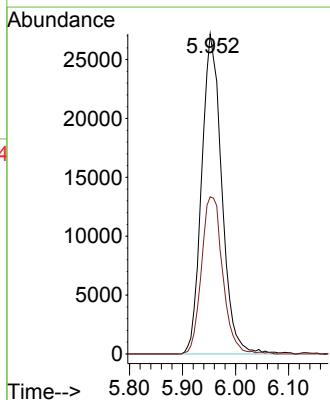
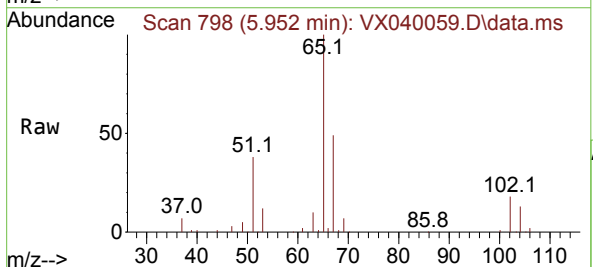


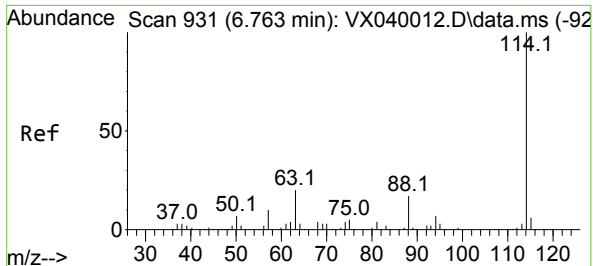
Tgt Ion: 56 Resp: 2562
Ion Ratio Lower Upper
56 100
69 144.7 23.4 35.2#
84 95.5 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 48.015 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX040059.D
Acq: 01 Feb 2024 10:33

Tgt Ion: 65 Resp: 71622
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.2

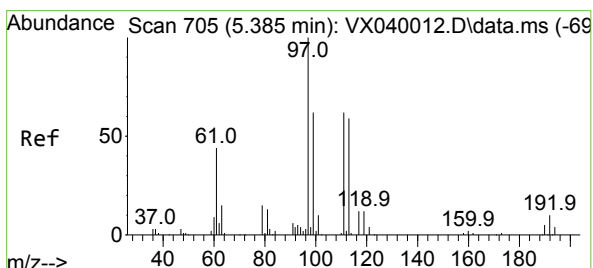
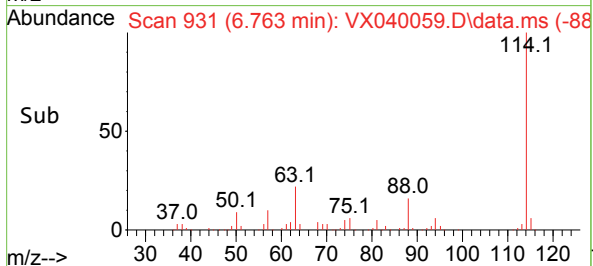
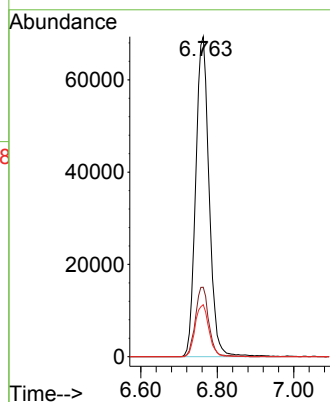
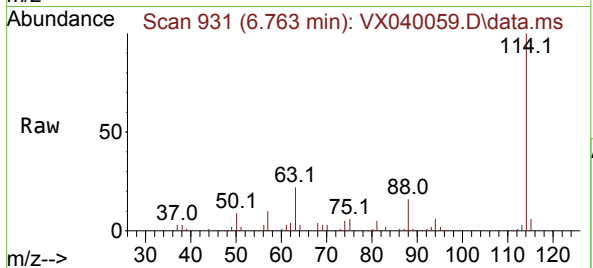




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX040059.D
Acq: 01 Feb 2024 10:33

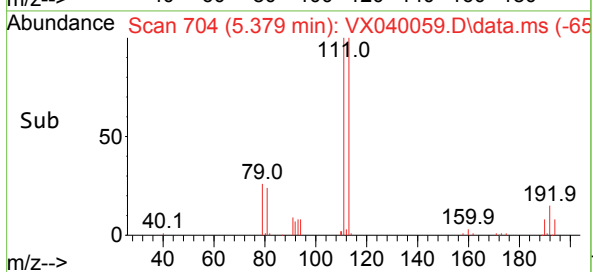
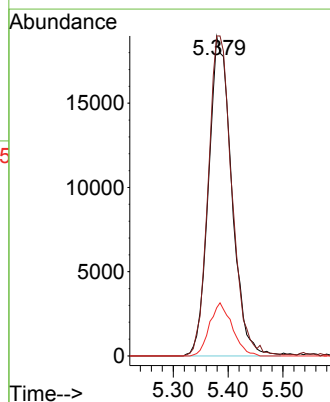
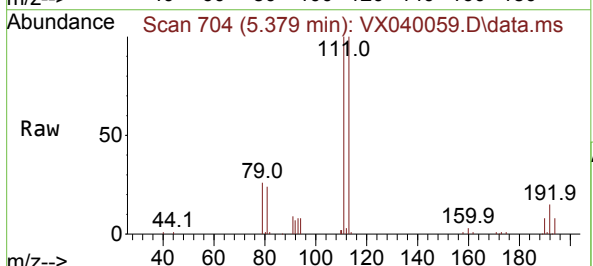
Instrument :
MSVOA_X
ClientSampleId :
VX0201WBL01

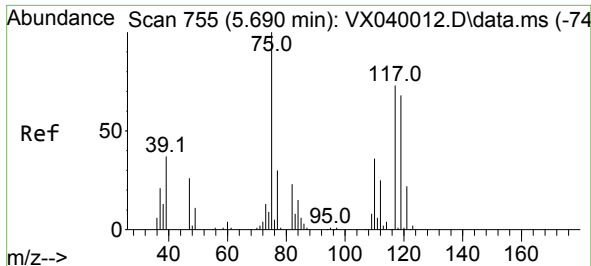
Tgt Ion:114 Resp: 168587
Ion Ratio Lower Upper
114 100
63 21.7 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.366 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX040059.D
Acq: 01 Feb 2024 10:33

Tgt Ion:113 Resp: 55506
Ion Ratio Lower Upper
113 100
111 102.6 82.9 124.3
192 16.3 13.3 19.9

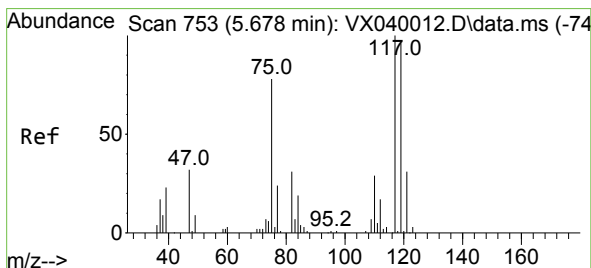
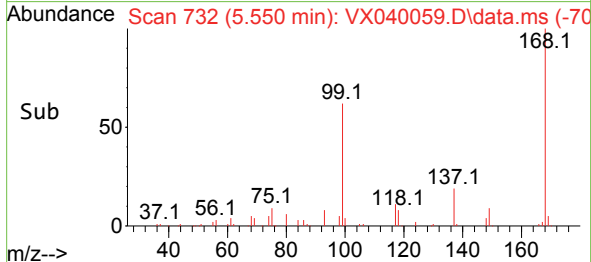
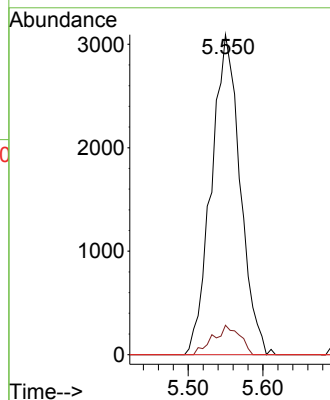
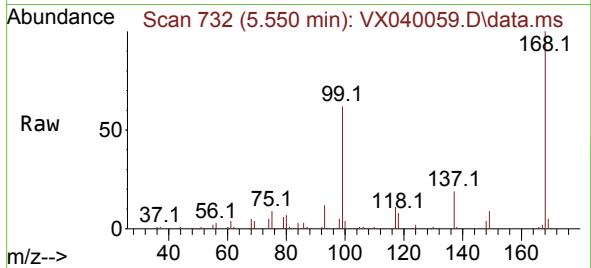




#36
1,1-Dichloropropene
Concen: 5.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX040059.D
Acq: 01 Feb 2024 10:33

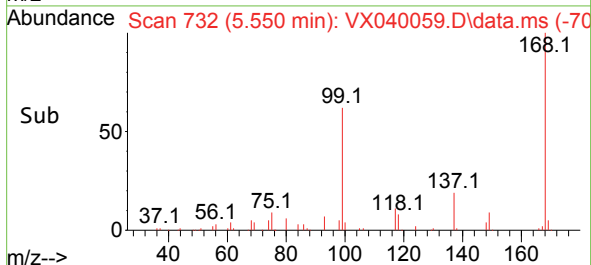
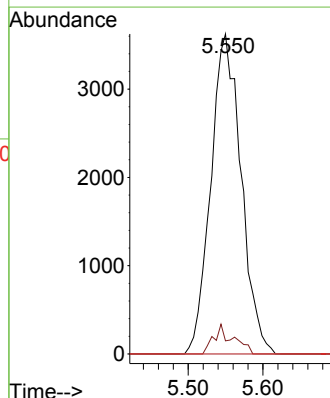
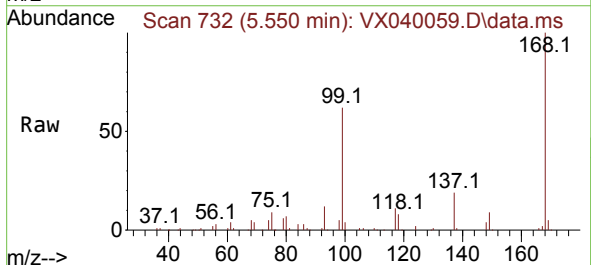
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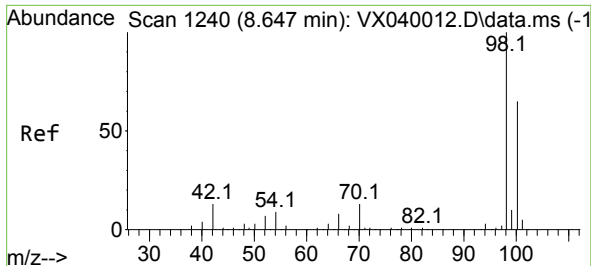
Tgt Ion: 75 Resp: 8299
Ion Ratio Lower Upper
75 100
110 8.4 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.425 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX040059.D
Acq: 01 Feb 2024 10:33

Tgt Ion: 117 Resp: 10204
Ion Ratio Lower Upper
117 100
119 4.1 78.2 117.2#
121 0.0 24.4 36.6#

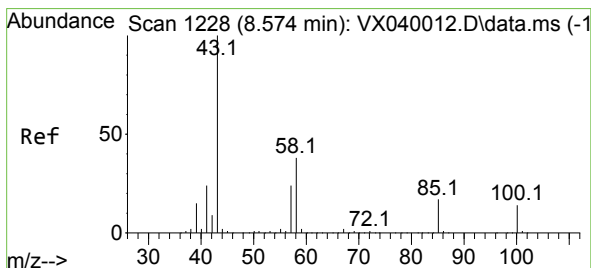
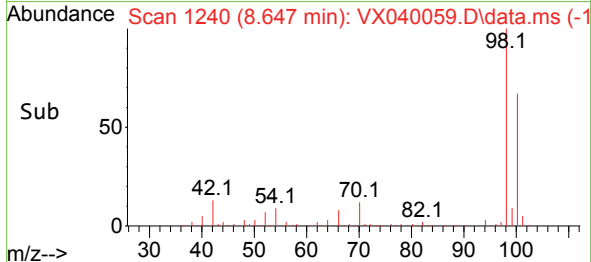
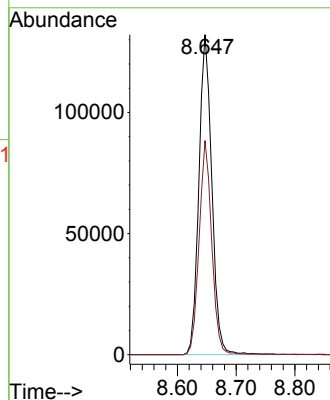
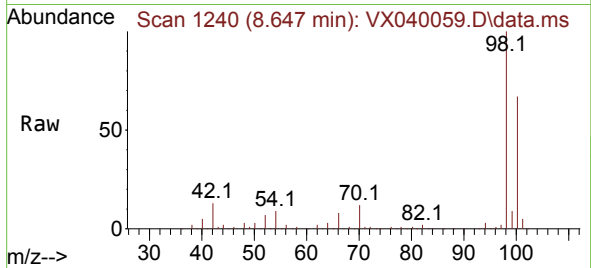




#50
Toluene-d8
Concen: 47.122 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040059.D
Acq: 01 Feb 2024 10:33

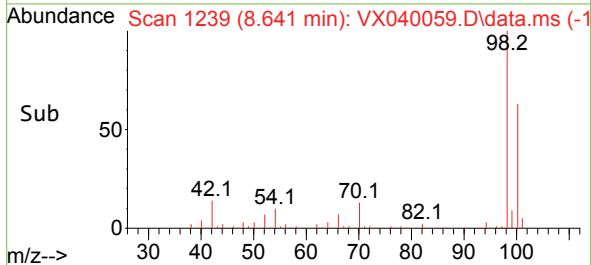
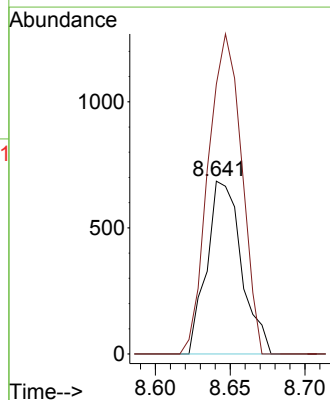
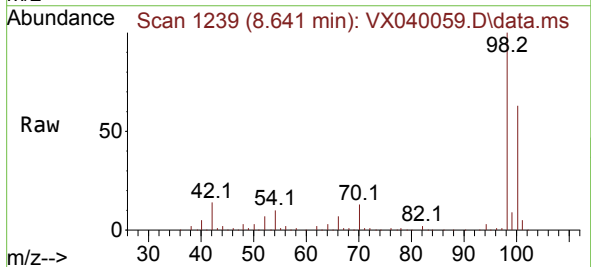
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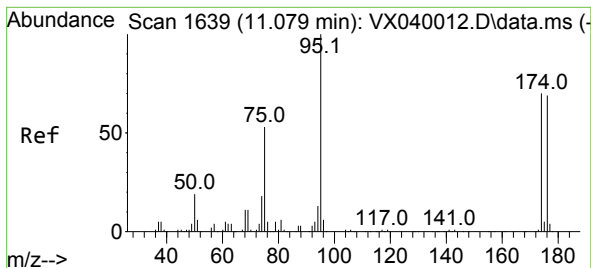
Tgt Ion: 98 Resp: 202239
Ion Ratio Lower Upper
98 100
100 65.2 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 0.565 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX040059.D
Acq: 01 Feb 2024 10:33

Tgt Ion: 43 Resp: 1103
Ion Ratio Lower Upper
43 100
58 178.8 30.4 45.6#

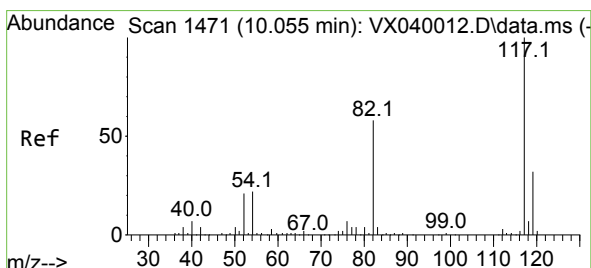
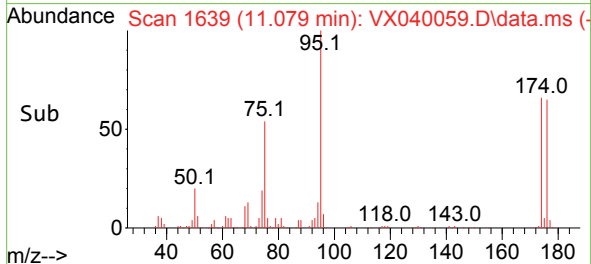
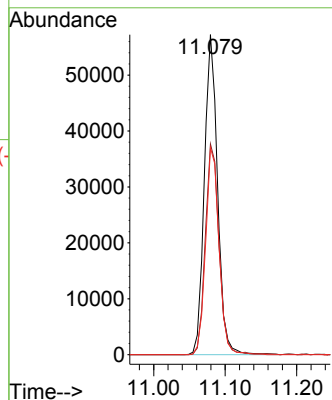
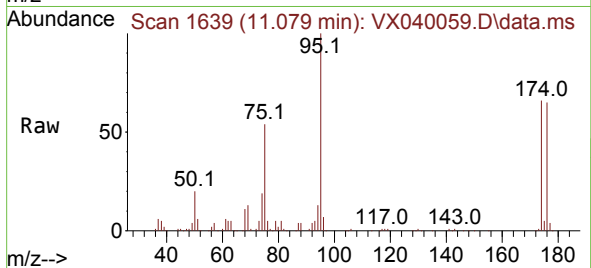




#62
4-Bromofluorobenzene
Concen: 44.434 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX040059.D
Acq: 01 Feb 2024 10:33

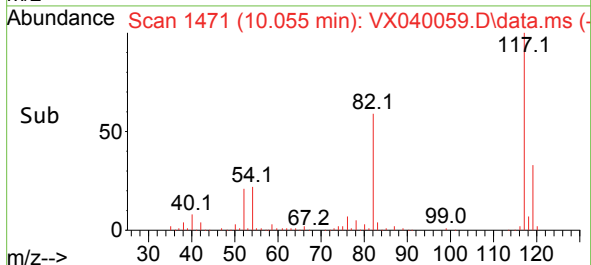
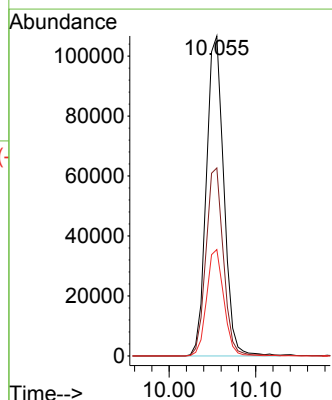
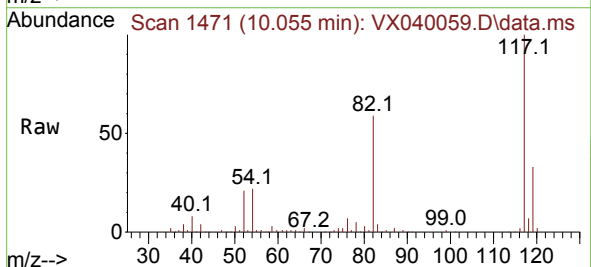
Instrument :
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VX0201WBL01

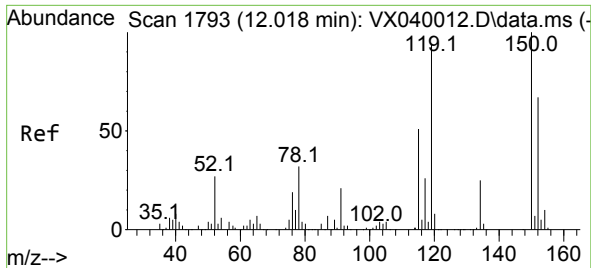
Tgt Ion: 95 Resp: 73430
Ion Ratio Lower Upper
95 100
174 68.0 0.0 135.6
176 65.7 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040059.D
Acq: 01 Feb 2024 10:33

Tgt Ion: 117 Resp: 149418
Ion Ratio Lower Upper
117 100
82 58.7 46.2 69.4
119 33.3 25.5 38.3

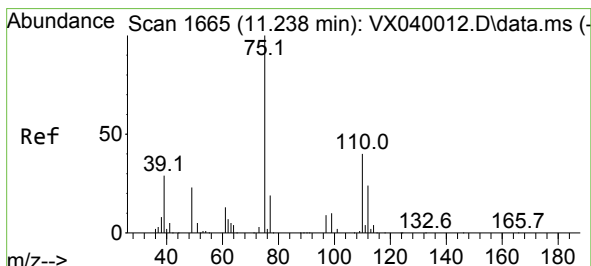
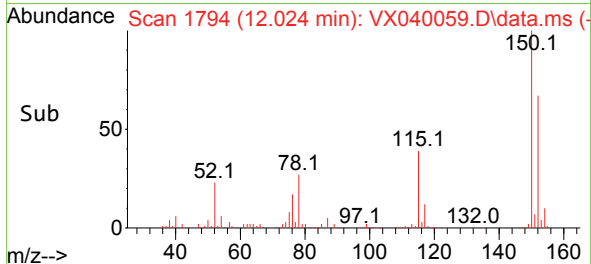
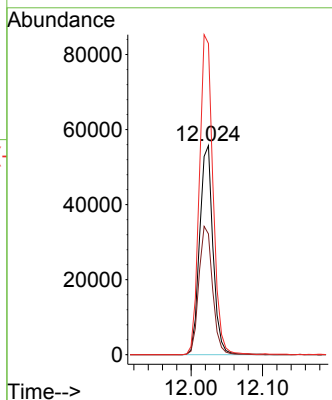
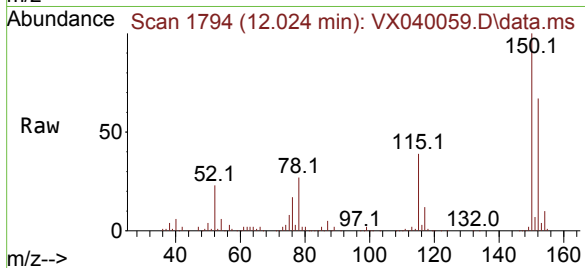




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX040059.D
 Acq: 01 Feb 2024 10:33

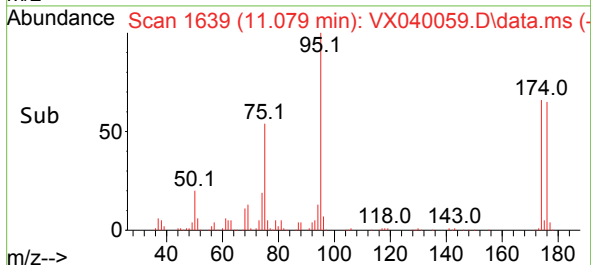
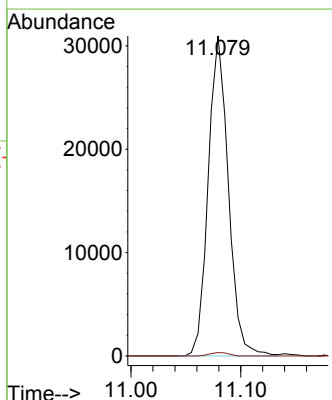
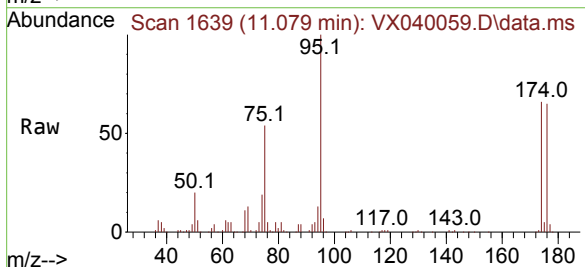
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0201WBL01

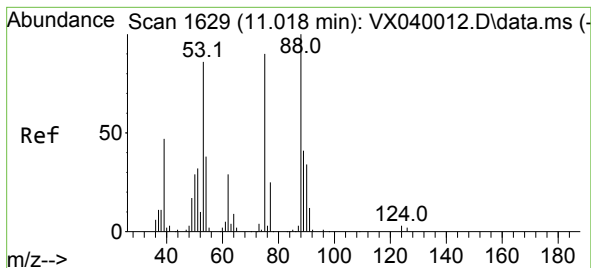
Tgt Ion:152 Resp: 72126
 Ion Ratio Lower Upper
 152 100
 115 63.0 43.3 129.9
 150 156.3 0.0 345.0



#76
 1,2,3-Trichloropropane
 Concen: 25.748 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX040059.D
 Acq: 01 Feb 2024 10:33

Tgt Ion: 75 Resp: 39548
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.1 57.5#

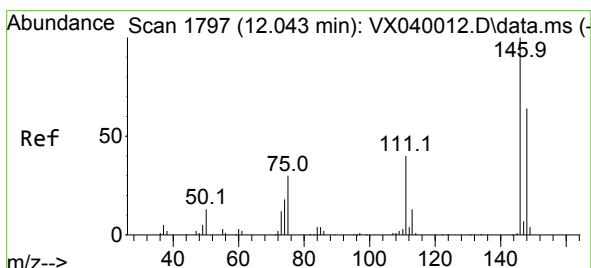
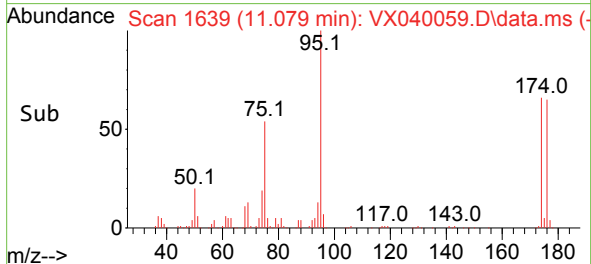
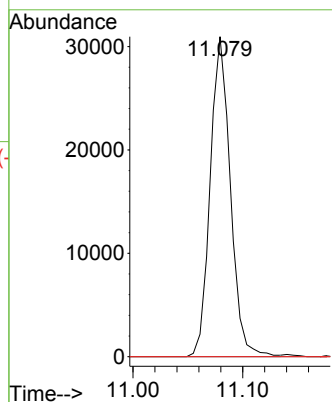
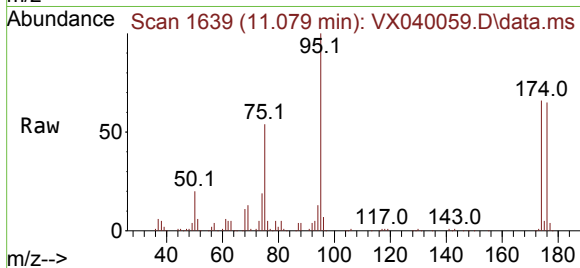




#81
trans-1,4-Dichloro-2-butene
Concen: 75.769 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX040059.D
Acq: 01 Feb 2024 10:33

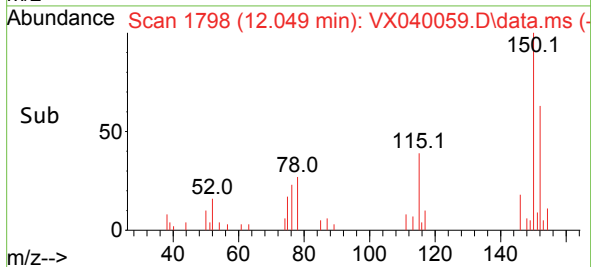
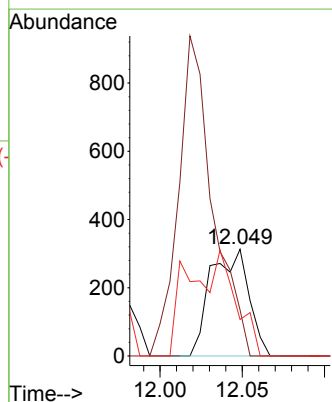
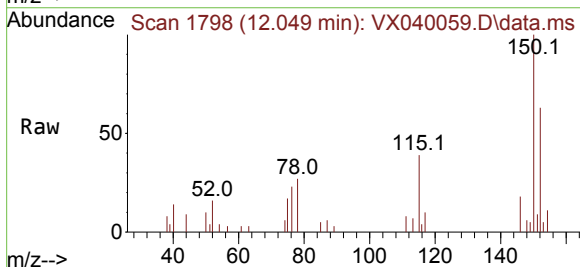
Instrument :
MSVOA_X
ClientSampleId :
VX0201WBL01

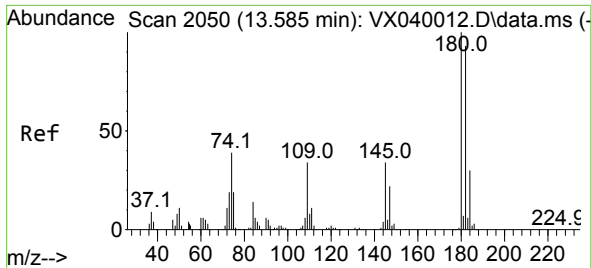
Tgt Ion: 75 Resp: 39548
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#



#88
1,4-Dichlorobenzene
Concen: 0.205 ug/l
RT: 12.049 min Scan# 1798
Delta R.T. 0.006 min
Lab File: VX040059.D
Acq: 01 Feb 2024 10:33

Tgt Ion:146 Resp: 505
Ion Ratio Lower Upper
146 100
111 0.0 21.3 63.7#
148 0.0 31.8 95.4#





#93

1,2,4-Trichlorobenzene

Concen: 0.213 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX040059.D

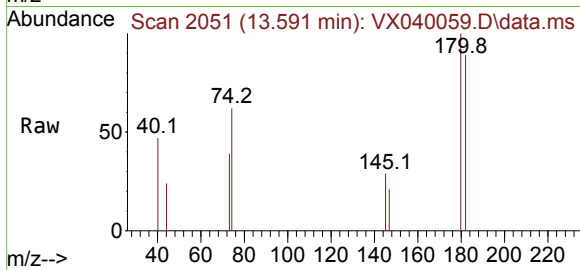
Acq: 01 Feb 2024 10:33

Instrument :

MSVOA_X

ClientSampleId :

VX0201WBL01



Tgt Ion:180 Resp: 309

Ion Ratio Lower Upper

180 100

182 88.7 48.3 144.8

145 8.4 18.0 54.0#

