

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020624\
 Data File : VX040133.D
 Acq On : 06 Feb 2024 12:32
 Operator : JC/MD
 Sample : VX0206WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0206WBL01

Quant Time: Feb 07 00:32:37 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)

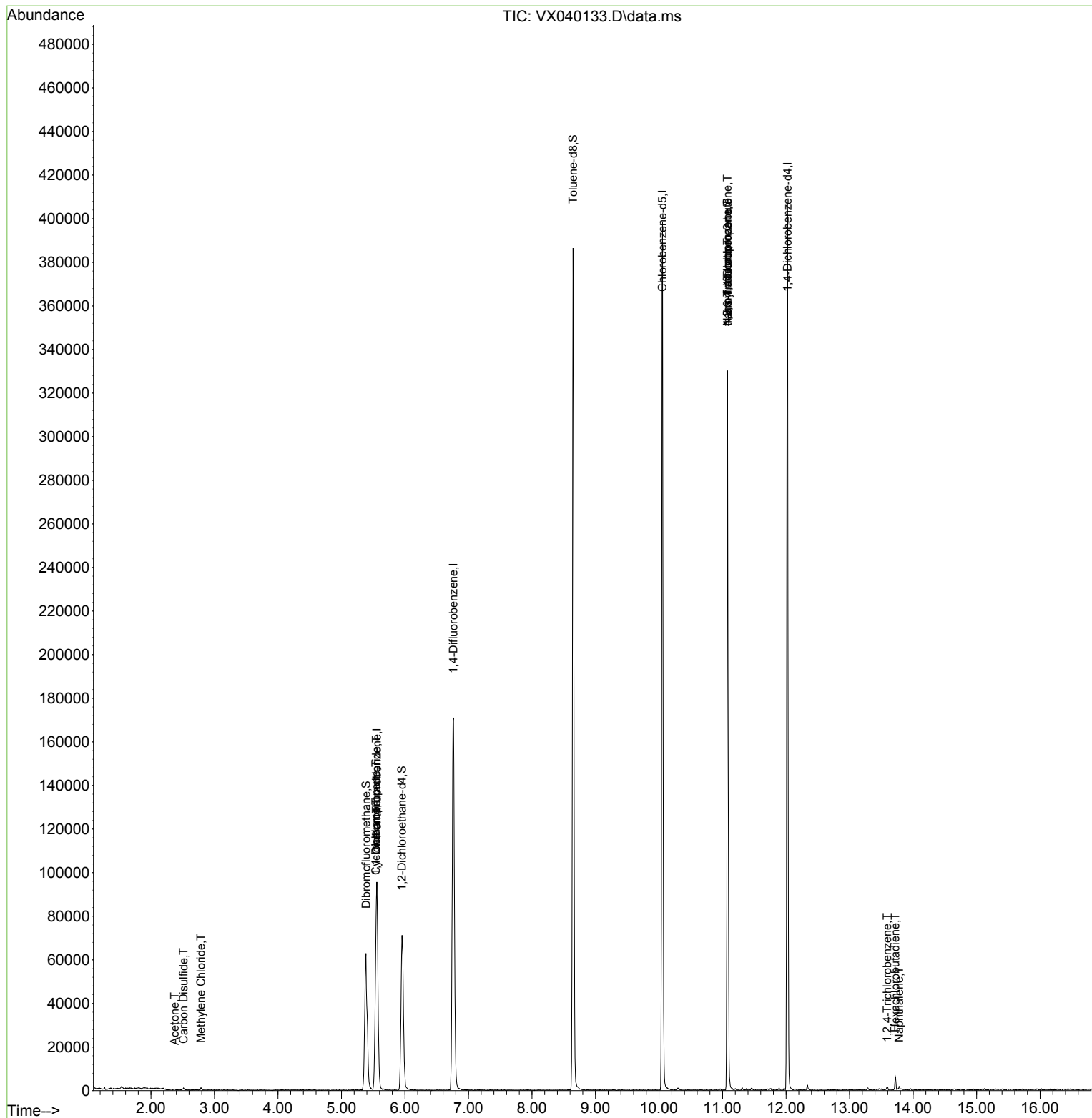
Internal Standards						
1) Pentafluorobenzene	5.556	168	81036	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	178248	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	176338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	83680	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	69244	53.094	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.180%			
35) Dibromofluoromethane	5.385	113	50461	41.587	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 83.180%			
50) Toluene-d8	8.646	98	222015	48.926	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.860%			
62) 4-Bromofluorobenzene	11.079	95	80409	46.020	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.040%			
Target Compounds						
					Qvalue	
16) Acetone	2.373	43	317	0.519	ug/l #	47
17) Carbon Disulfide	2.513	76	887	0.333	ug/l #	76
20) Methylene Chloride	2.788	84	311	0.286	ug/l #	79
31) Cyclohexane	5.543	56	2353	1.440	ug/l #	49
36) 1,1-Dichloropropene	5.543	75	7722	4.400	ug/l #	51
38) Carbon Tetrachloride	5.549	117	9118	5.430	ug/l #	15
74) N-amyl acetate	11.079	43	64	0.222	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	43008	24.135	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	43008	71.764	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	488	0.290	ug/l	92
94) Hexachlorobutadiene	13.719	225	545	0.821	ug/l #	62
95) Naphthalene	13.780	128	1380	0.241	ug/l #	95

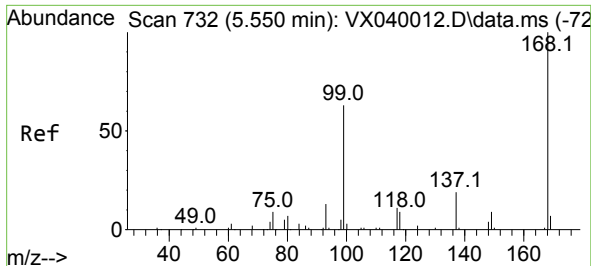
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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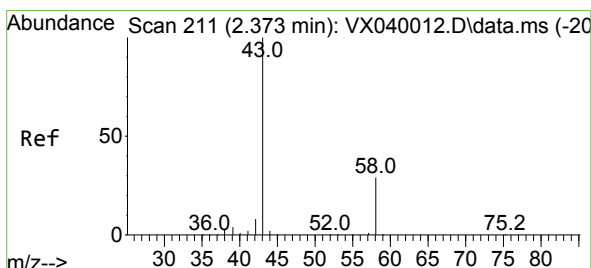
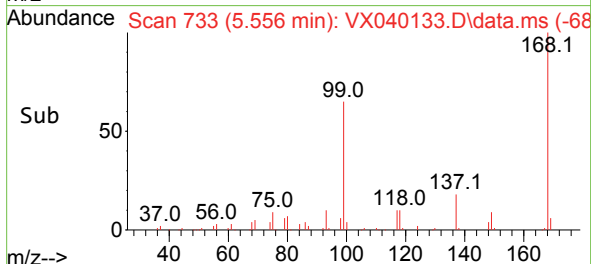
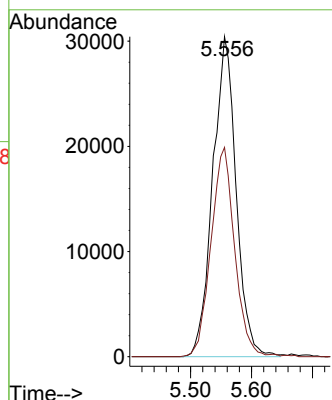
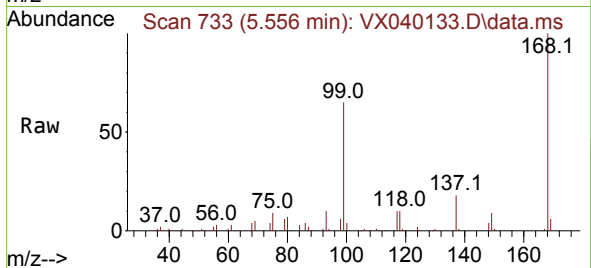




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 732
Delta R.T. 0.006 min
Lab File: VX040133.D
Acq: 06 Feb 2024 12:32

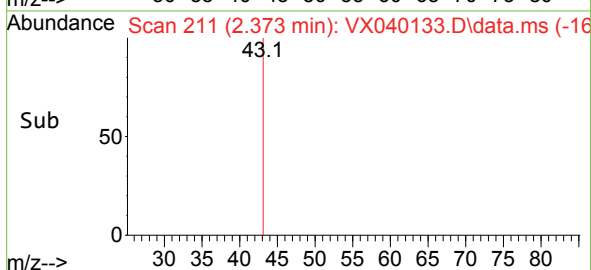
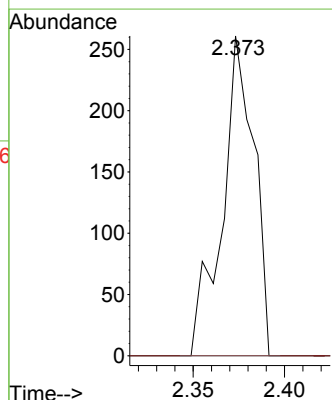
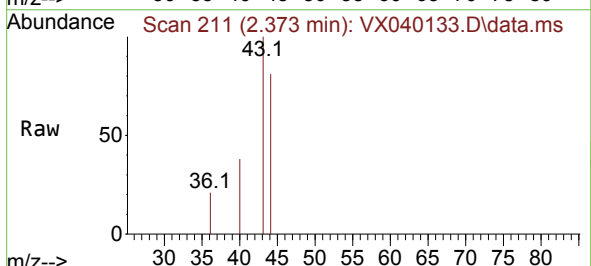
Instrument :
MSVOA_X
ClientSampleId :
VX0206WBL01

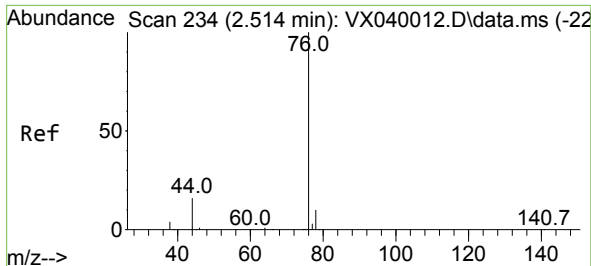
Tgt Ion:168 Resp: 81036
Ion Ratio Lower Upper
168 100
99 65.4 56.6 85.0



#16
Acetone
Concen: 0.519 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX040133.D
Acq: 06 Feb 2024 12:32

Tgt Ion: 43 Resp: 317
Ion Ratio Lower Upper
43 100
58 0.0 21.9 32.9#





#17

Carbon Disulfide

Concen: 0.333 ug/l

RT: 2.513 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX040133.D

Acq: 06 Feb 2024 12:32

Instrument :

MSVOA_X

ClientSampleId :

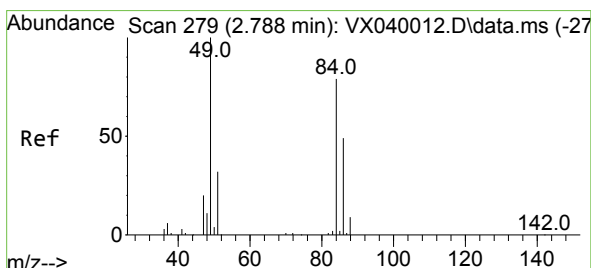
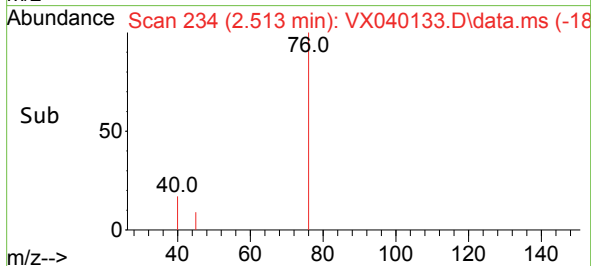
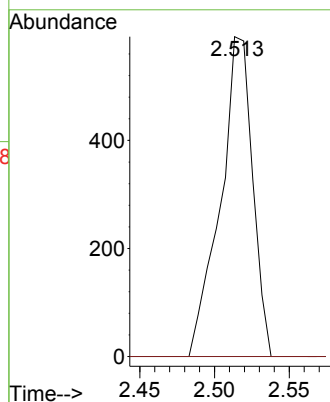
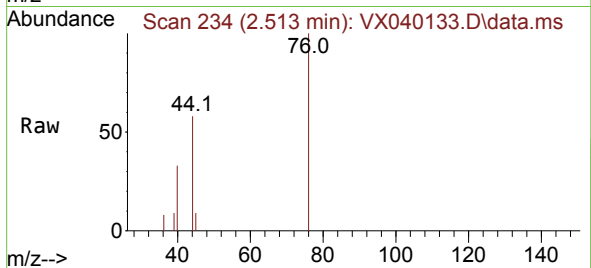
VX0206WBL01

Tgt Ion: 76 Resp: 887

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#20

Methylene Chloride

Concen: 0.286 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX040133.D

Acq: 06 Feb 2024 12:32

Tgt Ion: 84 Resp: 311

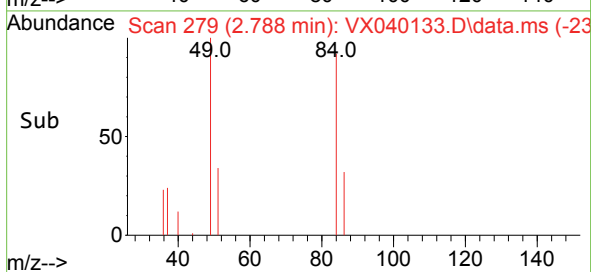
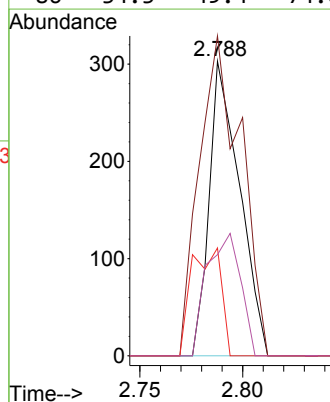
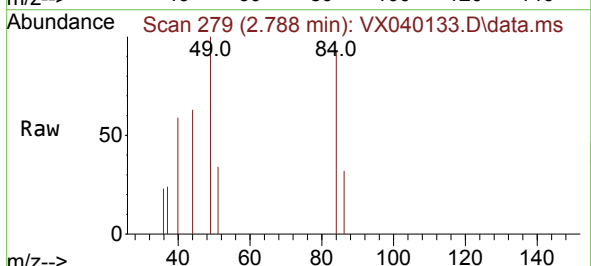
Ion Ratio Lower Upper

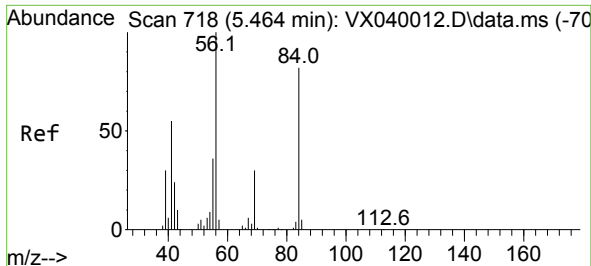
84 100

49 108.6 103.6 155.4

51 36.6 33.8 50.6

86 34.3 49.4 74.0#

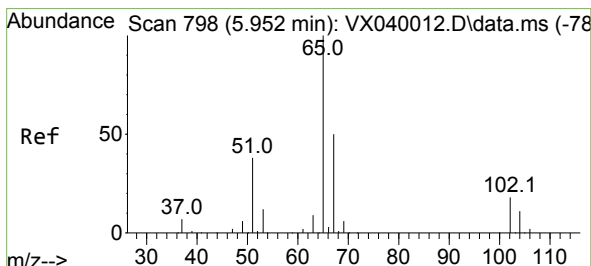
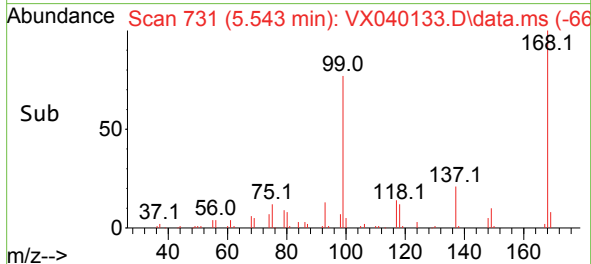
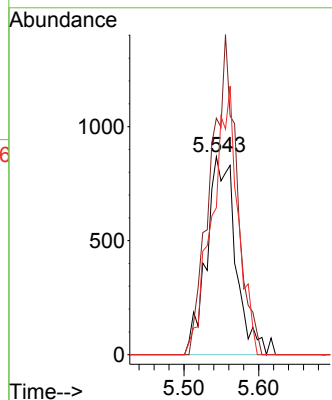
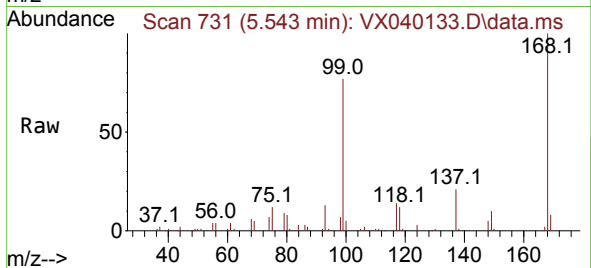




#31
Cyclohexane
Concen: 1.440 ug/l
RT: 5.543 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX040133.D
Acq: 06 Feb 2024 12:32

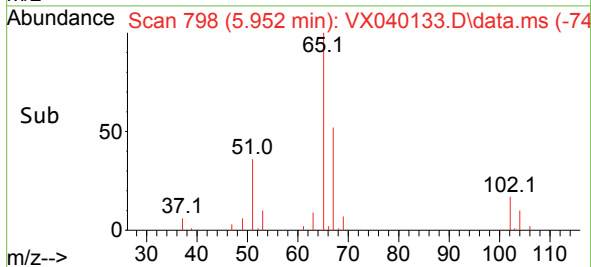
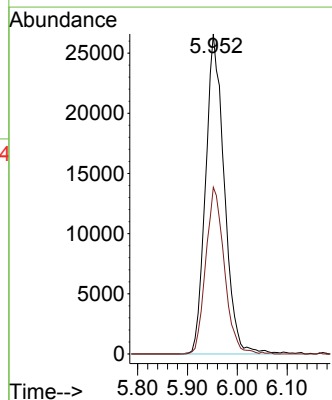
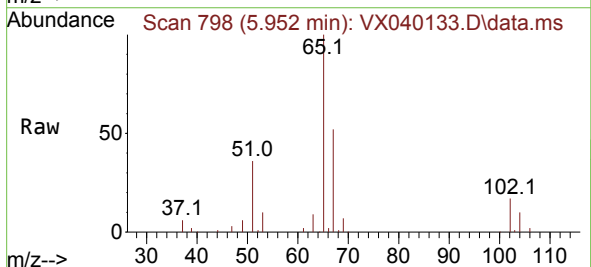
Instrument :
MSVOA_X
ClientSampleId :
VX0206WBL01

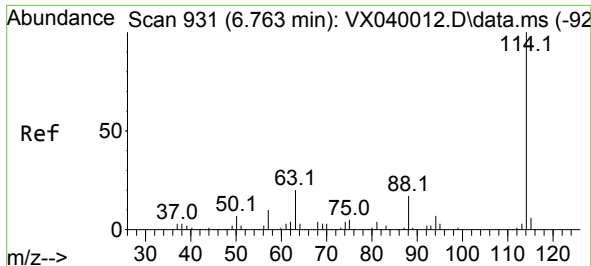
Tgt Ion: 56 Resp: 2353
Ion Ratio Lower Upper
56 100
69 119.5 23.4 35.2#
84 74.2 65.9 98.9



#33
1,2-Dichloroethane-d4
Concen: 53.094 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX040133.D
Acq: 06 Feb 2024 12:32

Tgt Ion: 65 Resp: 69244
Ion Ratio Lower Upper
65 100
67 51.6 0.0 100.2

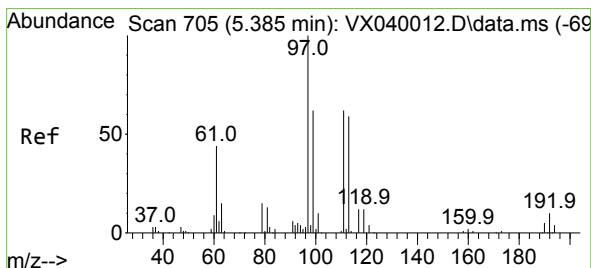
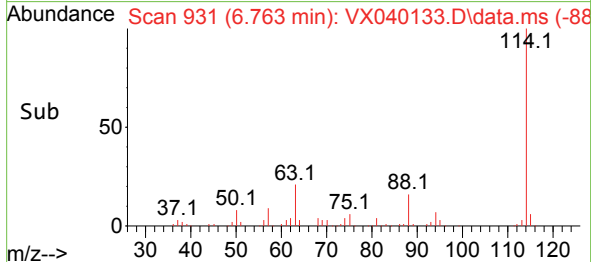
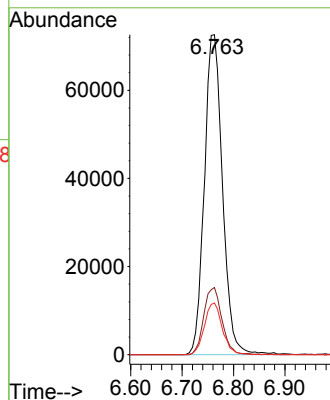
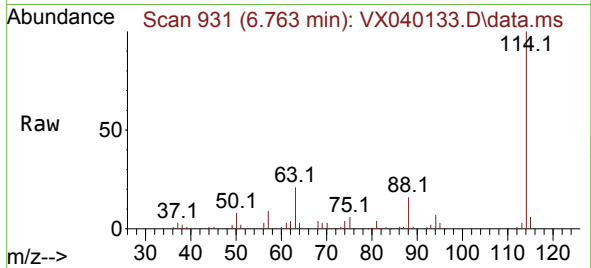




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX040133.D
Acq: 06 Feb 2024 12:32

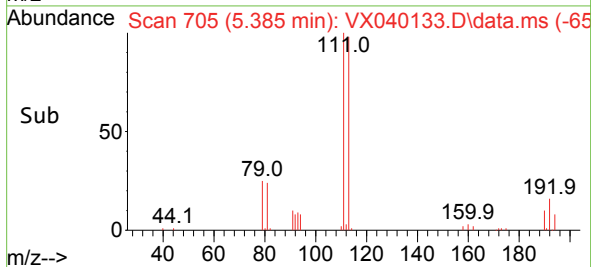
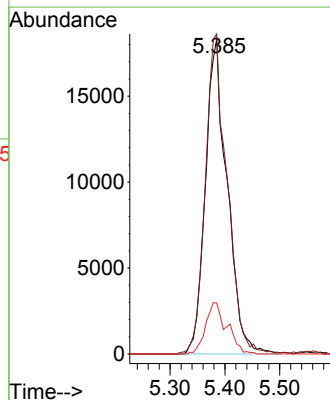
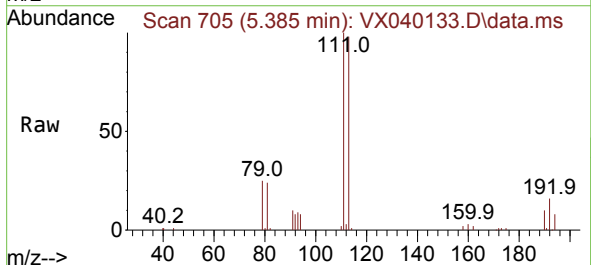
Instrument :
MSVOA_X
ClientSampleId :
VX0206WBL01

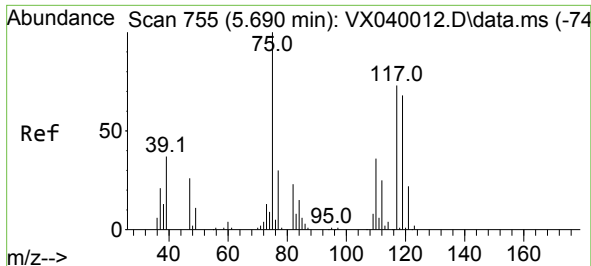
Tgt Ion:114 Resp: 178248
Ion Ratio Lower Upper
114 100
63 21.0 0.0 45.0
88 16.2 0.0 36.6



#35
Dibromofluoromethane
Concen: 41.587 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040133.D
Acq: 06 Feb 2024 12:32

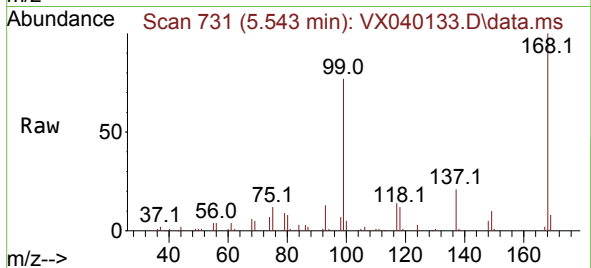
Tgt Ion:113 Resp: 50461
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 16.0 13.3 19.9



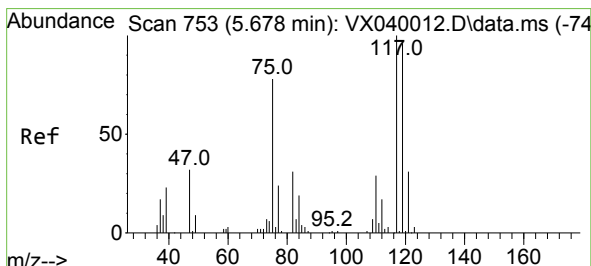
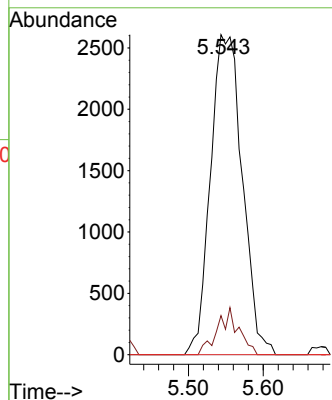
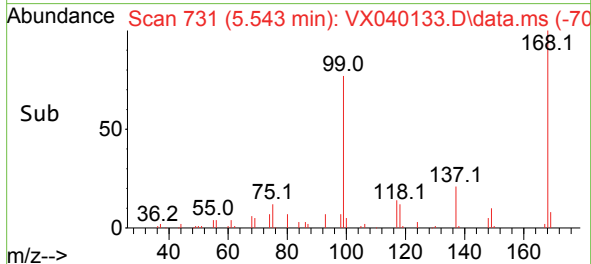


#36
1,1-Dichloropropene
Concen: 4.400 ug/l
RT: 5.543 min Scan# 712
Delta R.T. -0.147 min
Lab File: VX040133.D
Acq: 06 Feb 2024 12:32

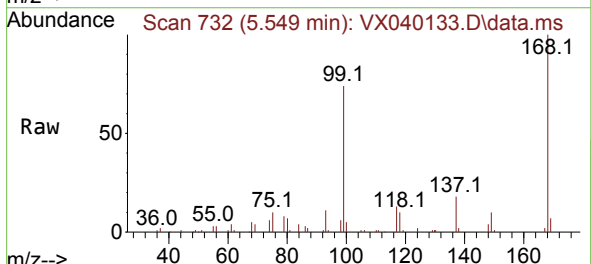
Instrument :
MSVOA_X
ClientSampleId :
VX0206WBL01



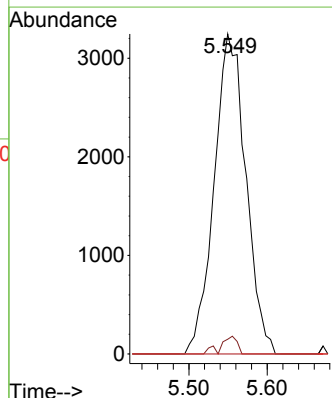
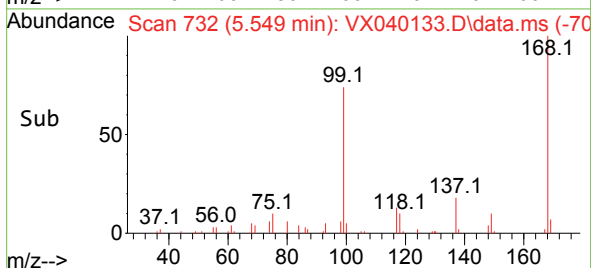
Tgt Ion: 75 Resp: 7722
Ion Ratio Lower Upper
75 100
110 9.8 17.0 50.9#
77 0.0 24.7 37.1#

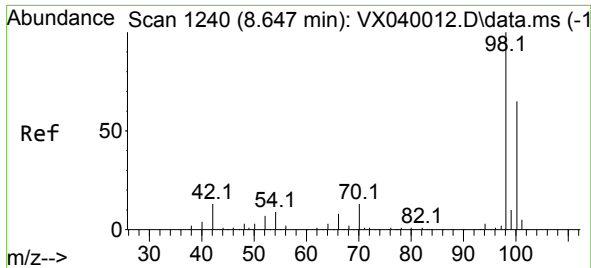


#38
Carbon Tetrachloride
Concen: 5.430 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX040133.D
Acq: 06 Feb 2024 12:32



Tgt Ion: 117 Resp: 9118
Ion Ratio Lower Upper
117 100
119 4.6 78.2 117.2#
121 0.0 24.4 36.6#

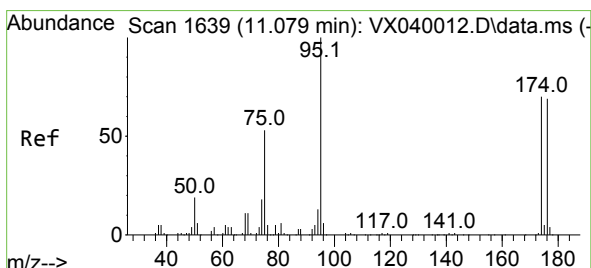
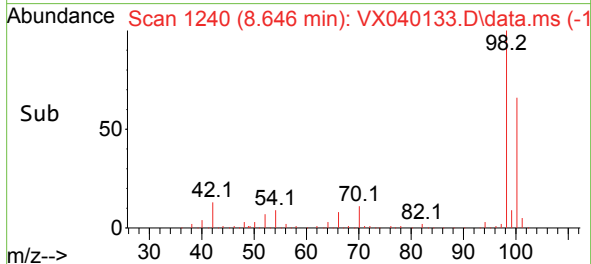
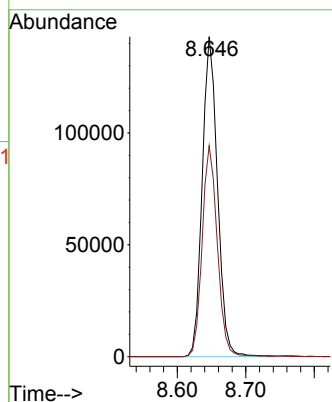
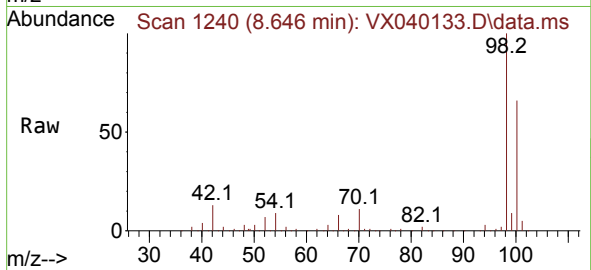




#50
Toluene-d8
Concen: 48.926 ug/l
RT: 8.646 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040133.D
Acq: 06 Feb 2024 12:32

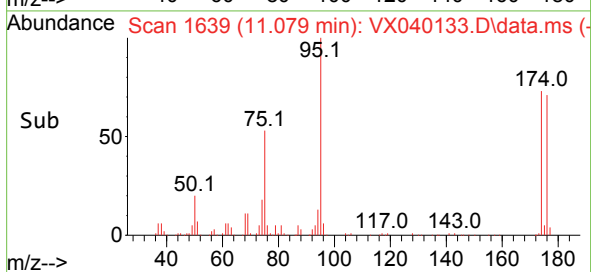
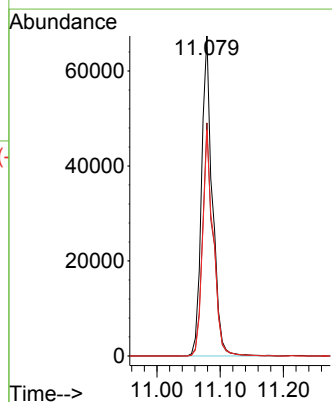
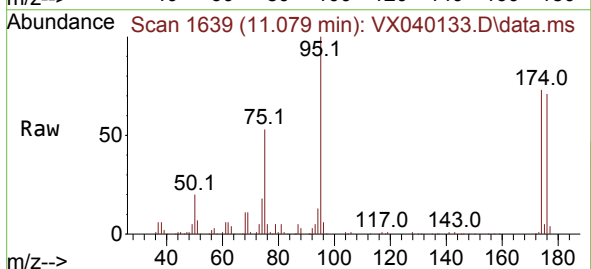
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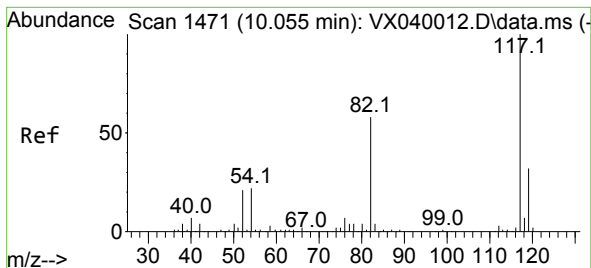
Tgt Ion: 98 Resp: 222015
Ion Ratio Lower Upper
98 100
100 65.4 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 46.020 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX040133.D
Acq: 06 Feb 2024 12:32

Tgt Ion: 95 Resp: 80409
Ion Ratio Lower Upper
95 100
174 70.2 0.0 135.6
176 69.5 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: VX040133.D

Acq: 06 Feb 2024 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBL01

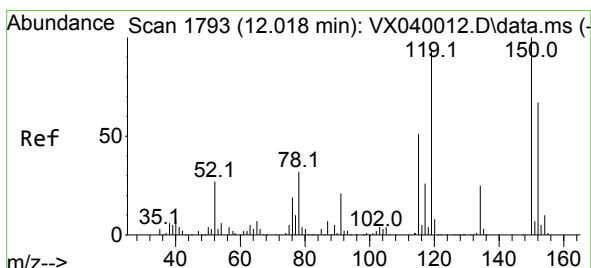
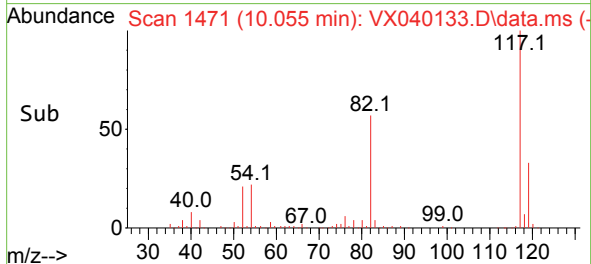
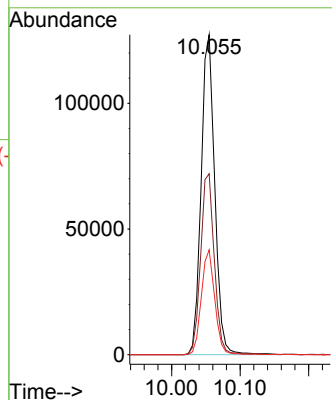
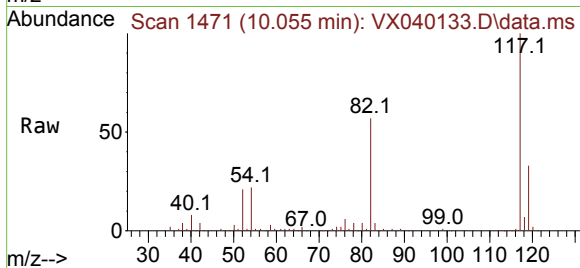
Tgt Ion:117 Resp: 176338

Ion Ratio Lower Upper

117 100

82 56.6 46.2 69.4

119 32.8 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VX040133.D

Acq: 06 Feb 2024 12:32

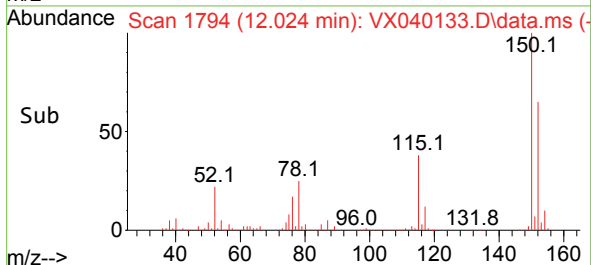
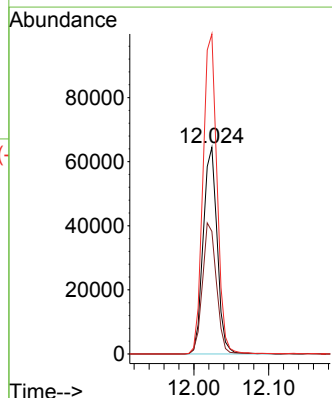
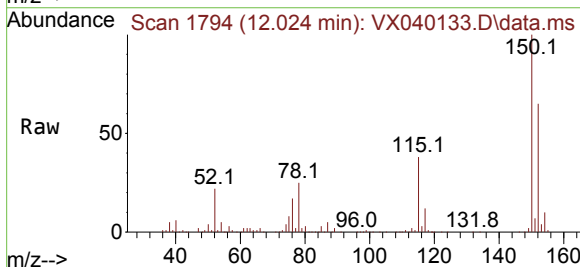
Tgt Ion:152 Resp: 83680

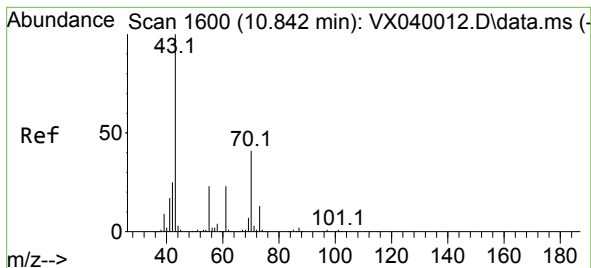
Ion Ratio Lower Upper

152 100

115 63.5 43.3 129.9

150 155.8 0.0 345.0





#74

N-ethyl acetate

Concen: 0.222 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.237 min

Lab File: VX040133.D

Acq: 06 Feb 2024 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBL01

Tgt Ion: 43 Resp: 64

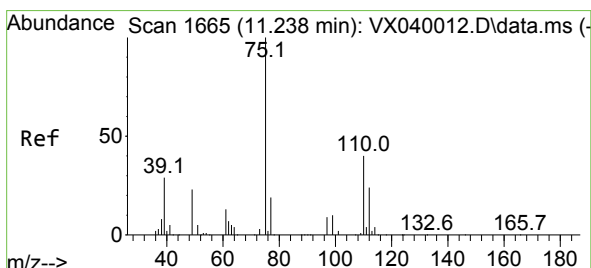
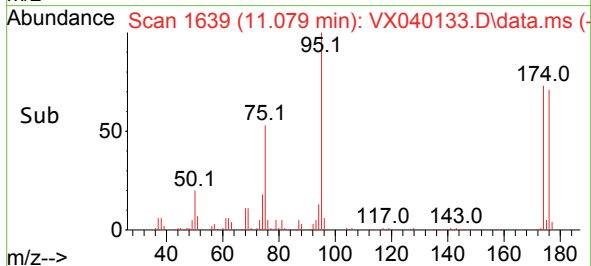
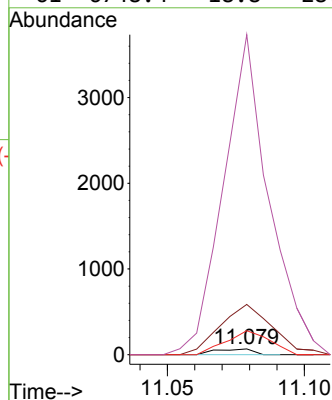
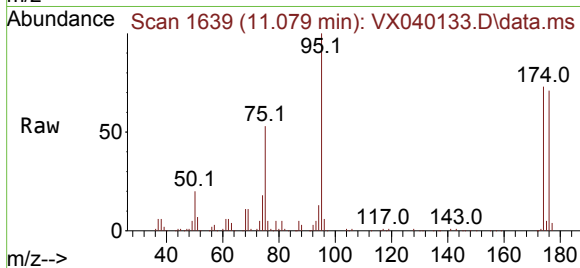
Ion Ratio Lower Upper

43 100

70 1223.4 32.9 49.3#

55 489.1 19.3 28.9#

61 6748.4 18.8 28.2#



#76

1,2,3-Trichloropropane

Concen: 24.135 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX040133.D

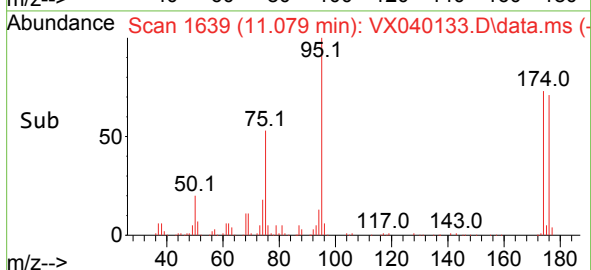
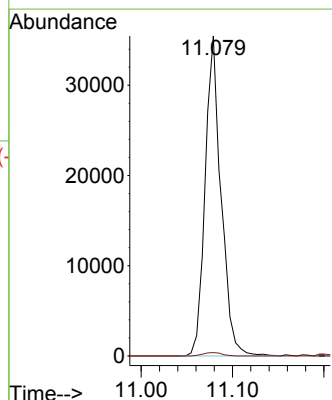
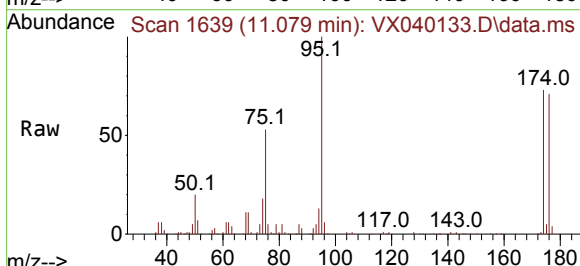
Acq: 06 Feb 2024 12:32

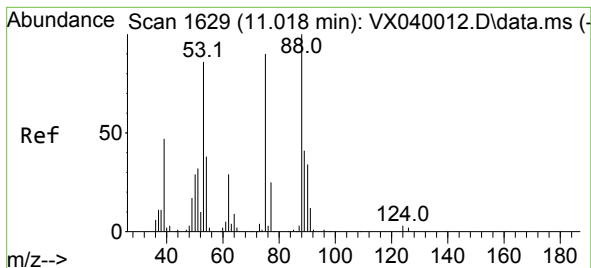
Tgt Ion: 75 Resp: 43008

Ion Ratio Lower Upper

75 100

77 1.3 19.1 57.5#

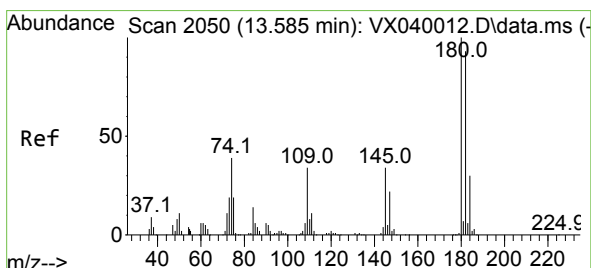
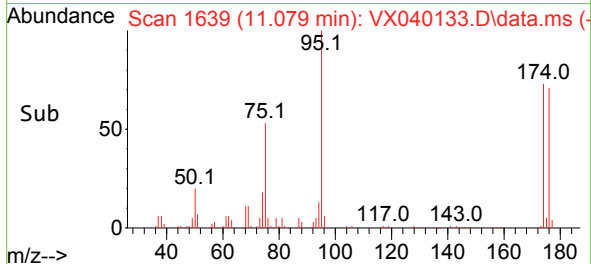
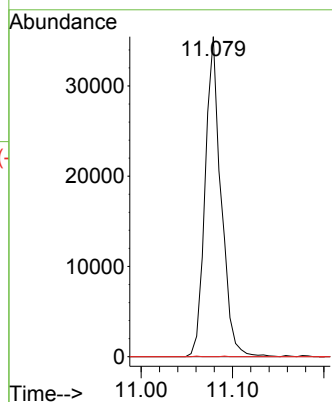
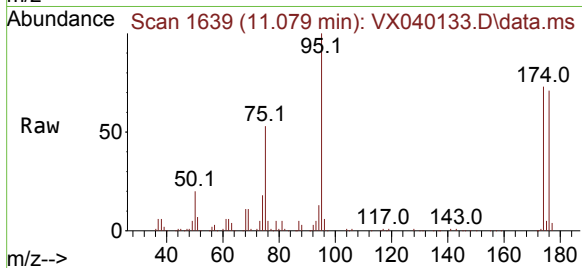




#81
trans-1,4-Dichloro-2-butene
Concen: 71.764 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX040133.D
Acq: 06 Feb 2024 12:32

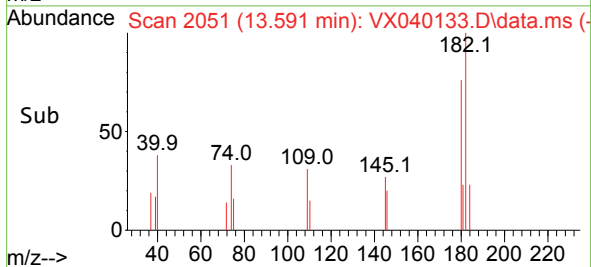
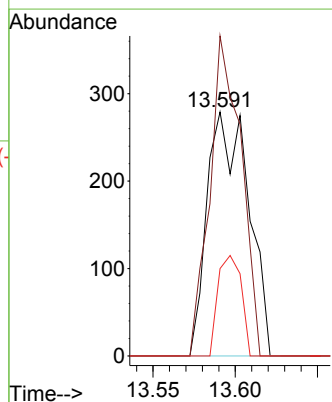
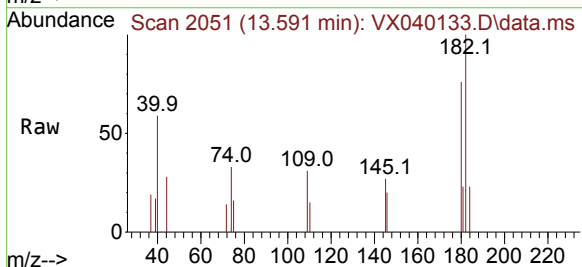
Instrument :
MSVOA_X
ClientSampleId :
VX0206WBL01

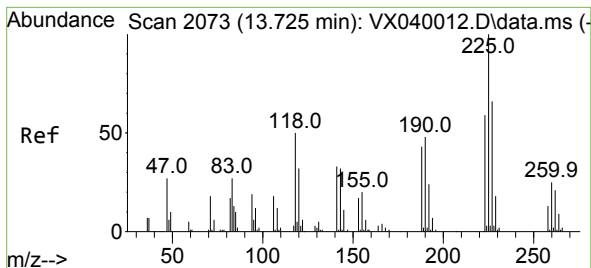
Tgt Ion: 75 Resp: 43008
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.1 36.9 55.3#



#93
1,2,4-Trichlorobenzene
Concen: 0.290 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX040133.D
Acq: 06 Feb 2024 12:32

Tgt Ion:180 Resp: 488
Ion Ratio Lower Upper
180 100
182 99.4 48.3 144.8
145 23.2 18.0 54.0





#94

Hexachlorobutadiene

Concen: 0.821 ug/l

RT: 13.719 min Scan# 2072

Delta R.T. -0.006 min

Lab File: VX040133.D

Acq: 06 Feb 2024 12:32

Instrument :

MSVOA_X

ClientSampleId :

VX0206WBL01

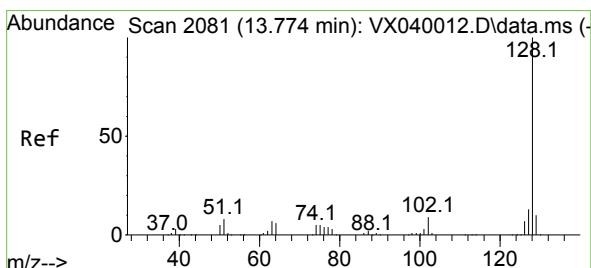
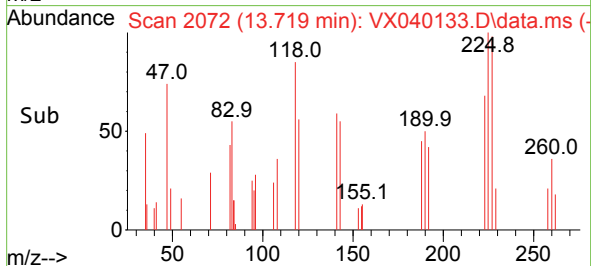
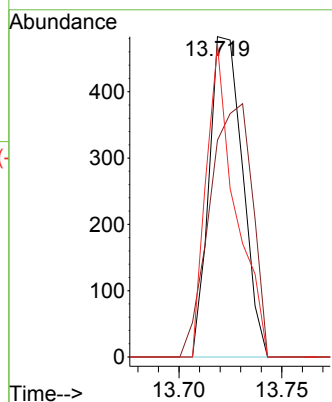
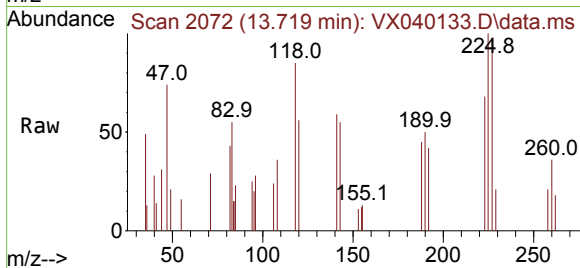
Tgt Ion:225 Resp: 545

Ion Ratio Lower Upper

225 100

223 100.9 31.1 93.2#

227 85.7 32.5 97.5



#95

Naphthalene

Concen: 0.241 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX040133.D

Acq: 06 Feb 2024 12:32

Tgt Ion:128 Resp: 1380

Ion Ratio Lower Upper

128 100

127 9.3 10.3 15.5#

129 11.4 8.8 13.2

