

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050123\
 Data File : VX035458.D
 Acq On : 01 May 2023 23:16
 Operator : JC/MD
 Sample : VX0501WBL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBL02

Quant Time: May 02 02:42:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

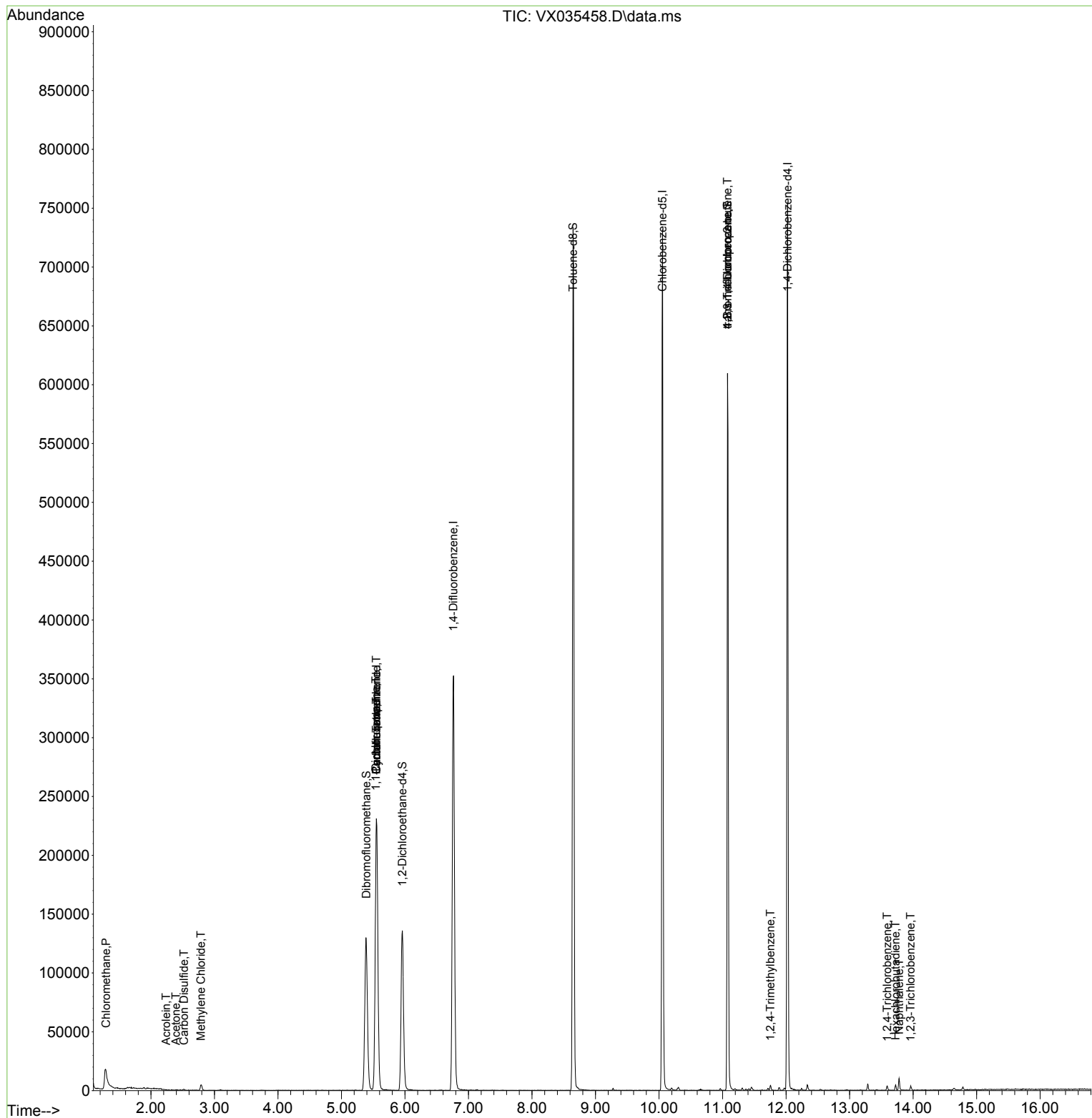
Internal Standards						
1) Pentafluorobenzene	5.549	168	231914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	374072	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	340009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	159841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	133333	47.655	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 95.300%			
35) Dibromofluoromethane	5.391	113	115562	50.333	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.660%			
50) Toluene-d8	8.646	98	440281	50.835	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.660%			
62) 4-Bromofluorobenzene	11.079	95	169436	52.004	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.000%			
Target Compounds						Qvalue
3) Chloromethane	1.294	50	1157	0.518	ug/l #	42
13) Acrolein	2.239	56	106	0.212	ug/l #	38
16) Acetone	2.391	43	543	0.447	ug/l #	44
17) Carbon Disulfide	2.519	76	1256	0.233	ug/l #	75
20) Methylene Chloride	2.788	84	2377	0.853	ug/l	87
31) Cyclohexane	5.549	56	4358	1.098	ug/l #	1
36) 1,1-Dichloropropene	5.543	75	16586	4.626	ug/l #	51
38) Carbon Tetrachloride	5.549	117	23008	6.761	ug/l #	15
76) 1,2,3-Trichloropropane	11.079	75	81618	25.598	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	81618	82.907	ug/l #	8
84) 1,2,4-Trimethylbenzene	11.756	105	2319	0.234	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	1176	0.339	ug/l	93
94) Hexachlorobutadiene	13.725	225	761	0.500	ug/l	87
95) Naphthalene	13.780	128	6988	0.654	ug/l	98
96) 1,2,3-Trichlorobenzene	13.963	180	1227	0.351	ug/l	93

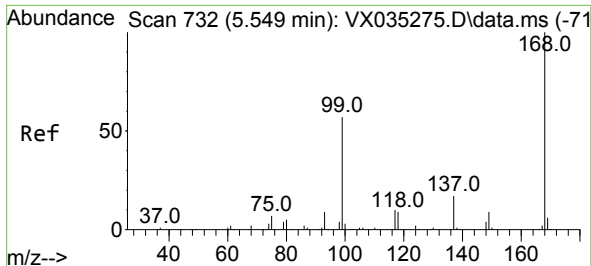
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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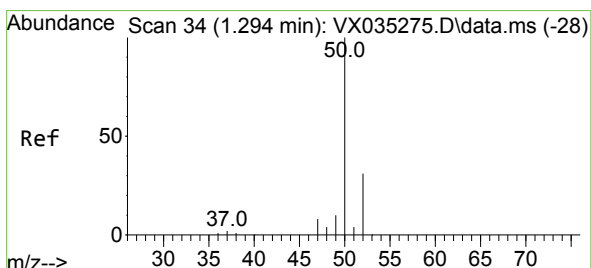
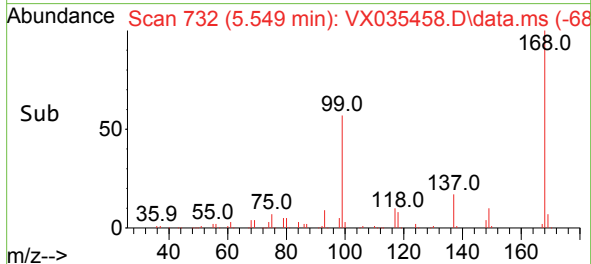
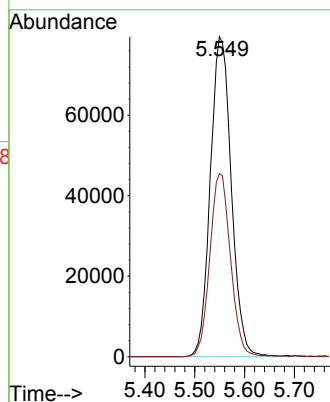
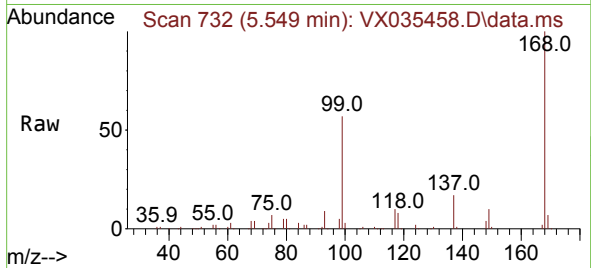




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX035458.D
Acq: 01 May 2023 23:16

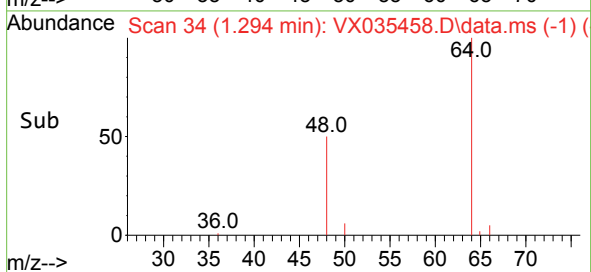
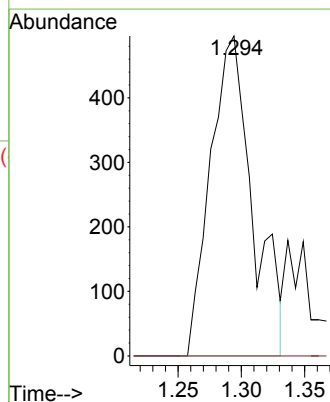
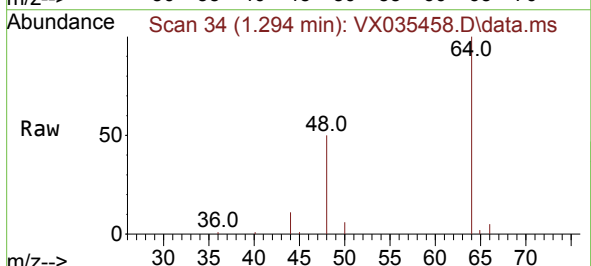
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBL02

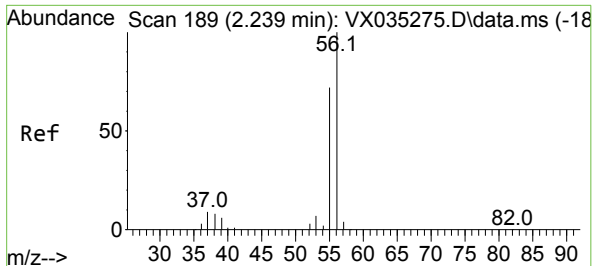
Tgt Ion:168 Resp: 231914
Ion Ratio Lower Upper
168 100
99 57.2 45.7 68.5



#3
Chloromethane
Concen: 0.518 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX035458.D
Acq: 01 May 2023 23:16

Tgt Ion: 50 Resp: 1157
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

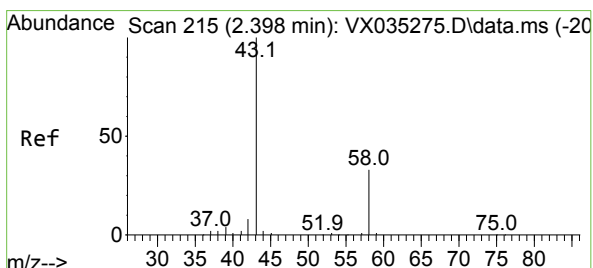
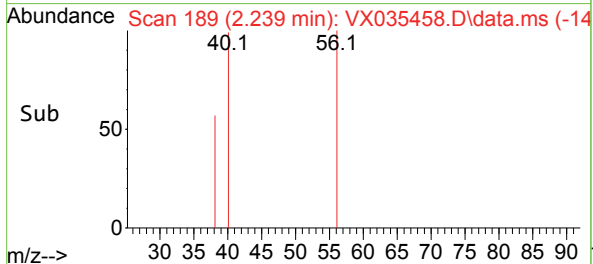
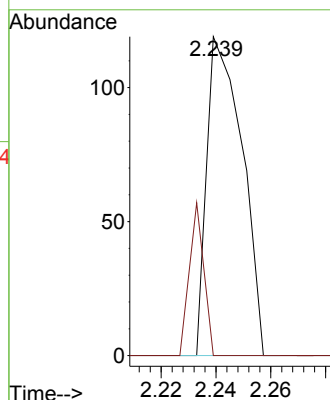
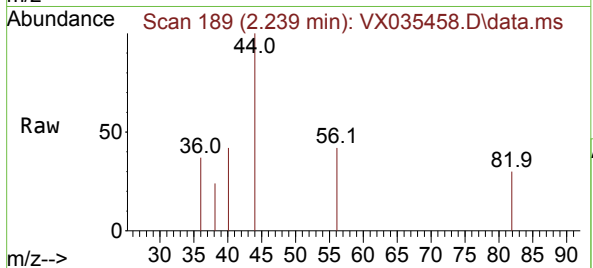




#13
Acrolein
Concen: 0.212 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035458.D
Acq: 01 May 2023 23:16

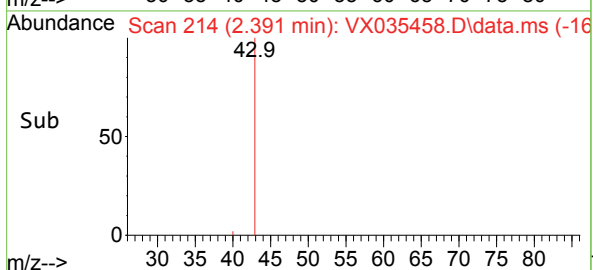
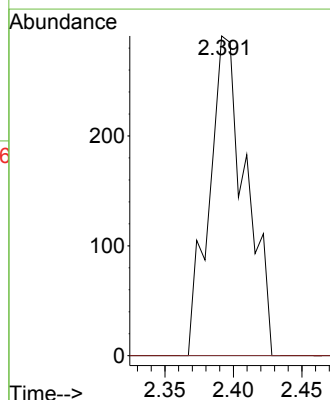
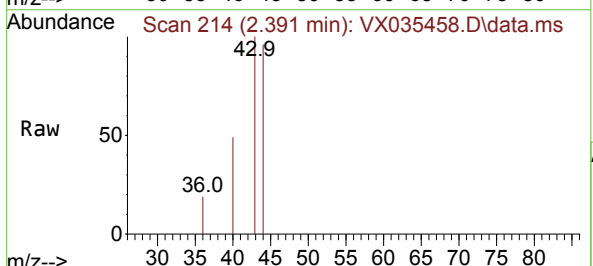
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBL02

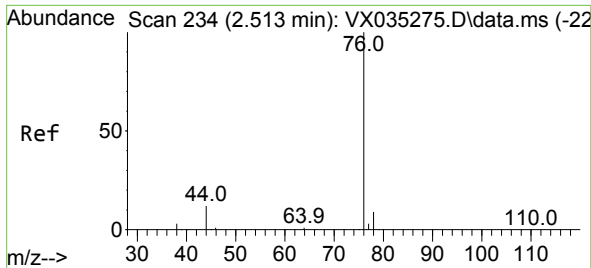
Tgt Ion: 56 Resp: 106
Ion Ratio Lower Upper
56 100
55 19.8 56.6 85.0#



#16
Acetone
Concen: 0.447 ug/l
RT: 2.391 min Scan# 214
Delta R.T. -0.007 min
Lab File: VX035458.D
Acq: 01 May 2023 23:16

Tgt Ion: 43 Resp: 543
Ion Ratio Lower Upper
43 100
58 0.0 24.7 37.1#





#17

Carbon Disulfide

Concen: 0.233 ug/l

RT: 2.519 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX035458.D

Acq: 01 May 2023 23:16

Instrument :

MSVOA_X

ClientSampleId :

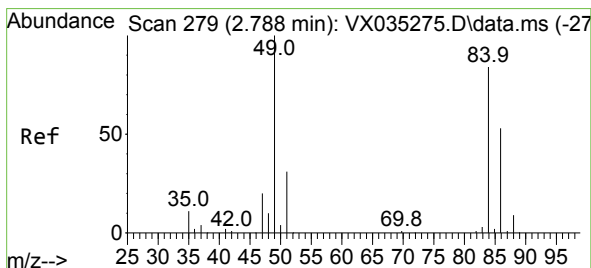
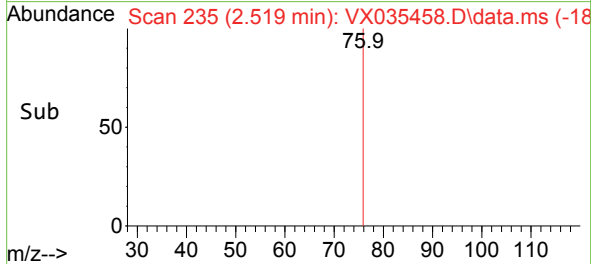
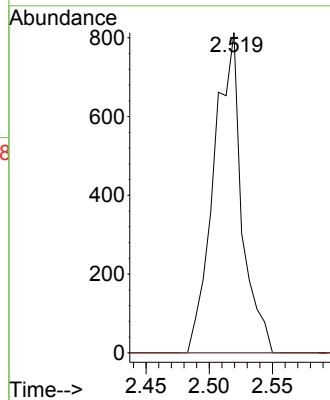
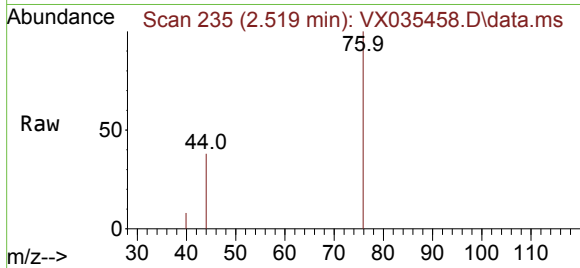
VX0501WBL02

Tgt Ion: 76 Resp: 1256

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



#20

Methylene Chloride

Concen: 0.853 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX035458.D

Acq: 01 May 2023 23:16

Tgt Ion: 84 Resp: 2377

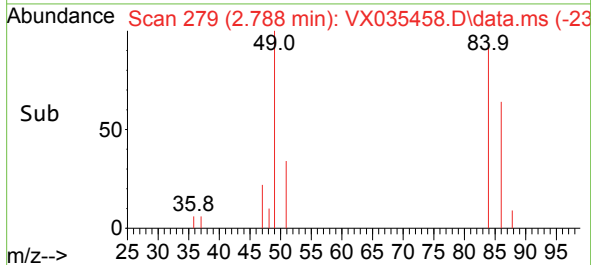
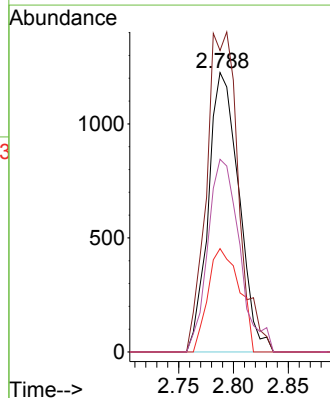
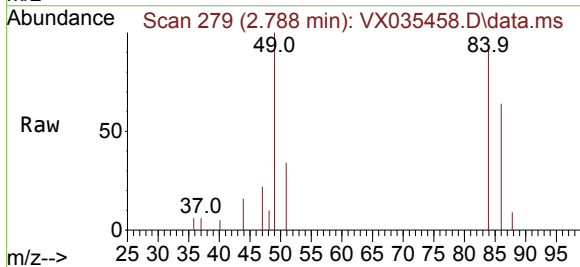
Ion Ratio Lower Upper

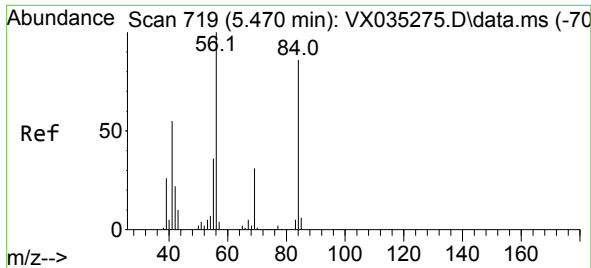
84 100

49 107.9 103.8 155.8

51 37.0 31.8 47.8

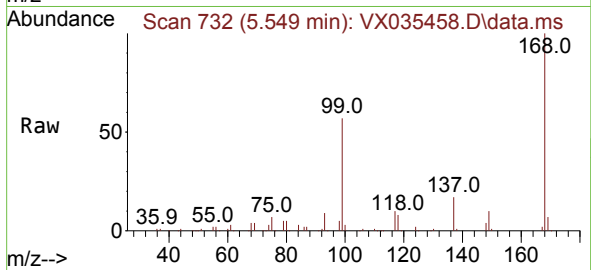
86 69.0 51.4 77.2



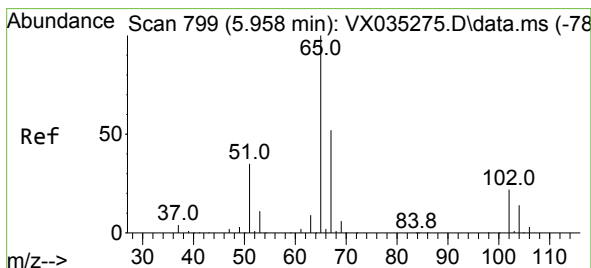
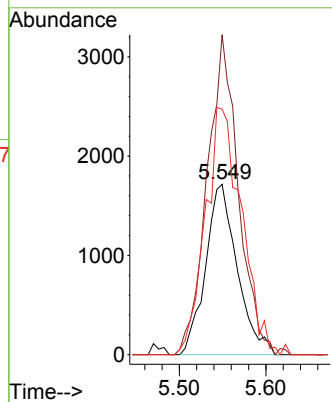
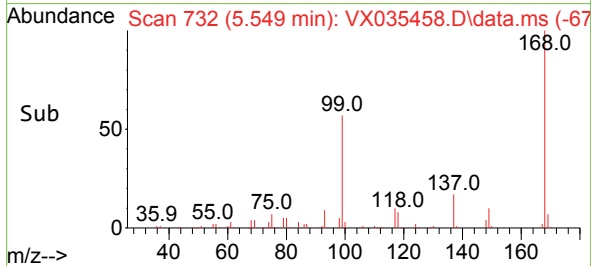


#31
Cyclohexane
Concen: 1.098 ug/l
RT: 5.549 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX035458.D
Acq: 01 May 2023 23:16

Instrument :
MSVOA_X
ClientSampleId :
VX0501WBL02

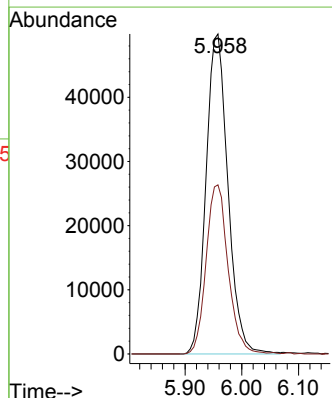
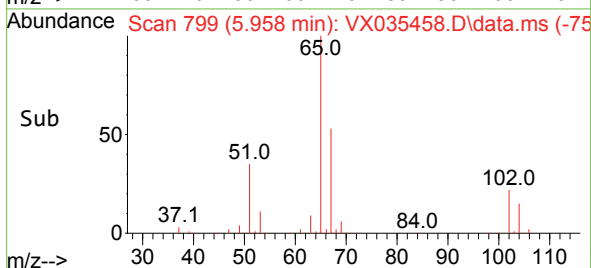
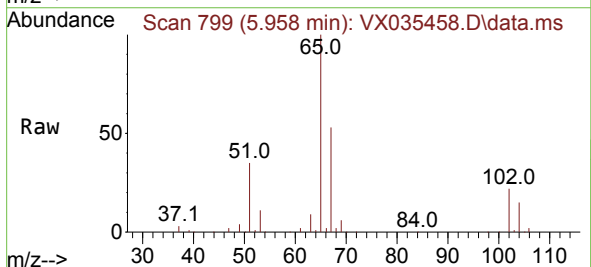


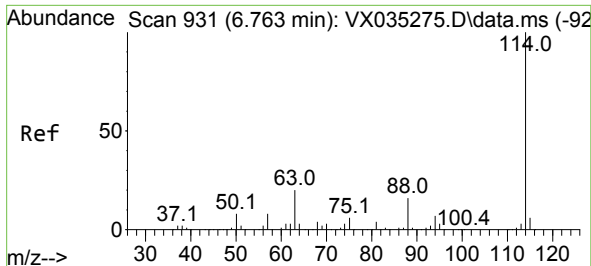
Tgt Ion: 56 Resp: 4358
Ion Ratio Lower Upper
56 100
69 184.7 23.7 35.5#
84 144.2 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 47.655 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX035458.D
Acq: 01 May 2023 23:16

Tgt Ion: 65 Resp: 133333
Ion Ratio Lower Upper
65 100
67 53.2 0.0 104.0

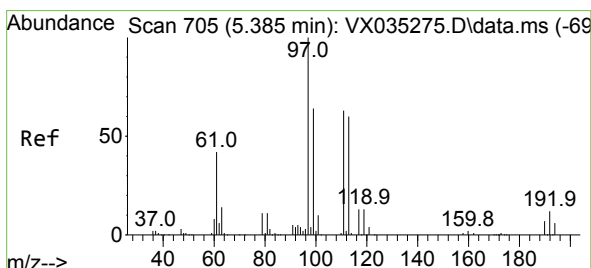
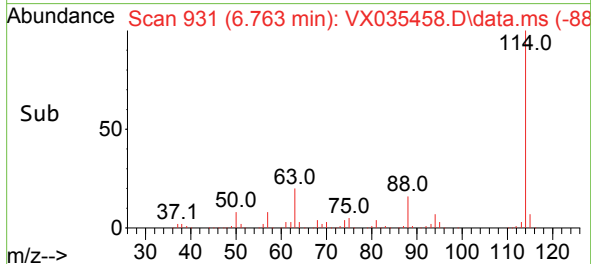
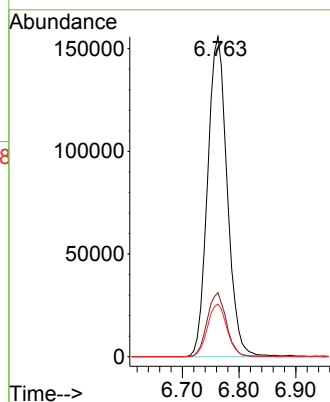
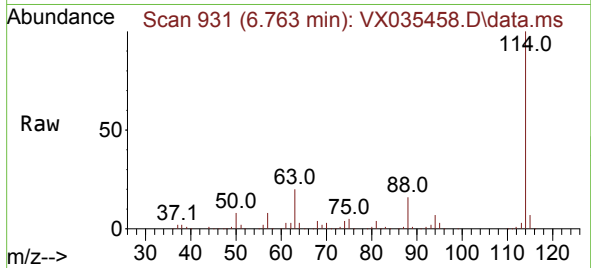




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035458.D
Acq: 01 May 2023 23:16

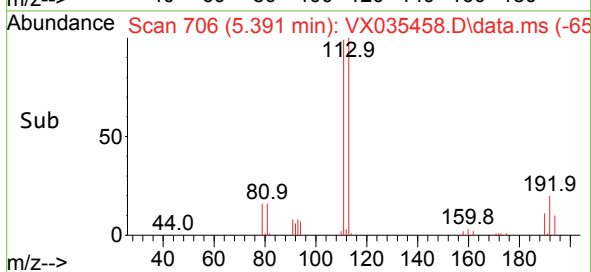
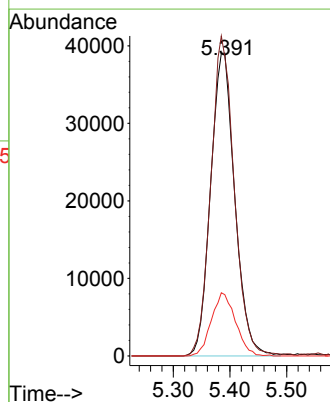
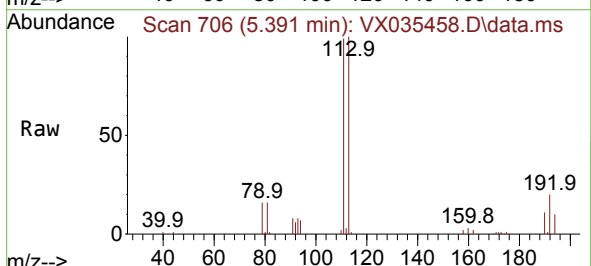
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBL02

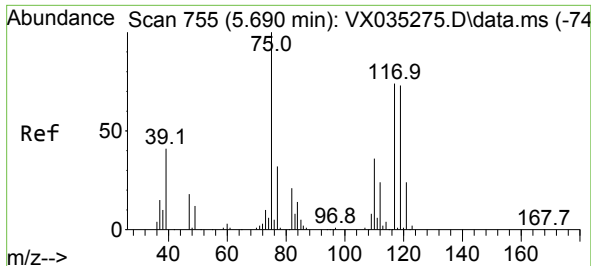
Tgt Ion:114 Resp: 374072
Ion Ratio Lower Upper
114 100
63 20.0 0.0 42.2
88 16.5 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.333 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX035458.D
Acq: 01 May 2023 23:16

Tgt Ion:113 Resp: 115562
Ion Ratio Lower Upper
113 100
111 102.3 83.7 125.5
192 20.9 15.4 23.2

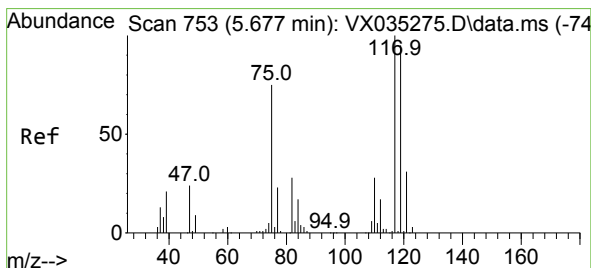
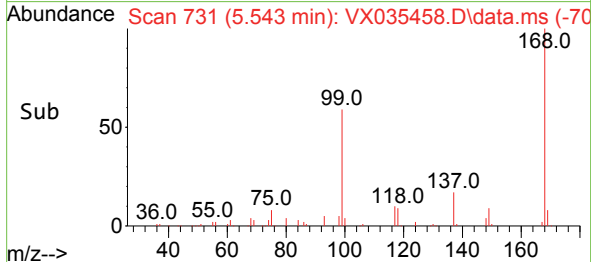
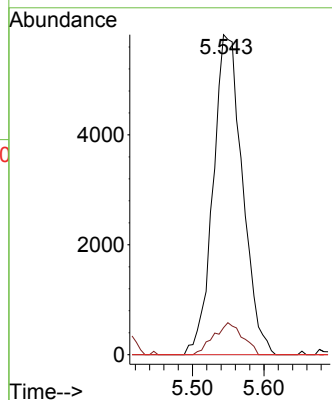
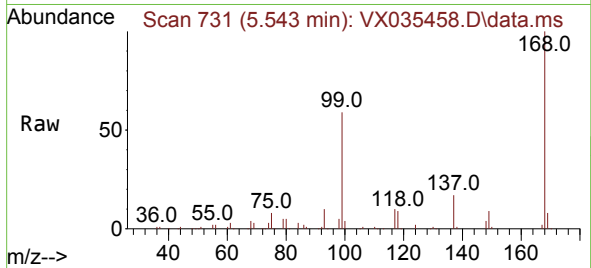




#36
1,1-Dichloropropene
Concen: 4.626 ug/l
RT: 5.543 min Scan# 711
Delta R.T. -0.147 min
Lab File: VX035458.D
Acq: 01 May 2023 23:16

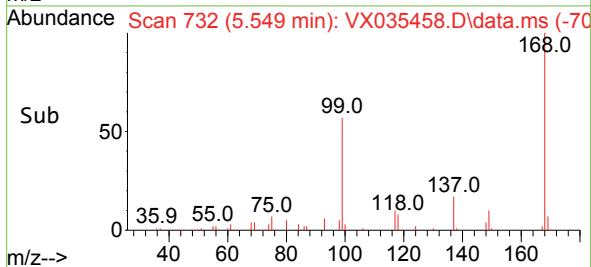
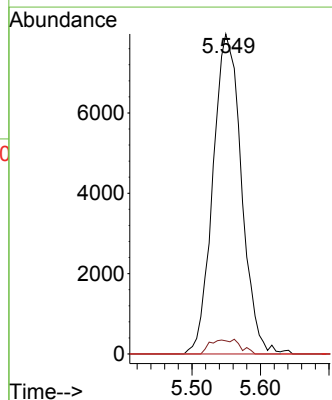
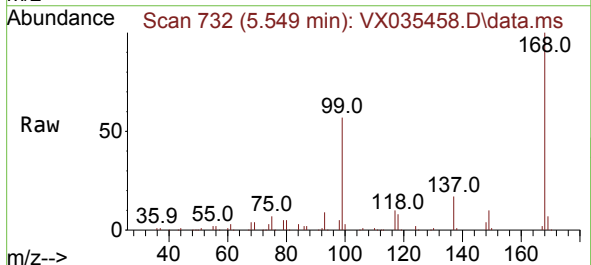
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VX0501WBL02

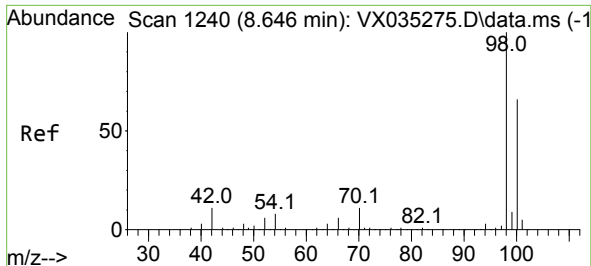
Tgt Ion: 75 Resp: 16586
Ion Ratio Lower Upper
75 100
110 9.8 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.761 ug/l
RT: 5.549 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX035458.D
Acq: 01 May 2023 23:16

Tgt Ion: 117 Resp: 23008
Ion Ratio Lower Upper
117 100
119 4.1 76.6 114.8#
121 0.0 23.8 35.6#

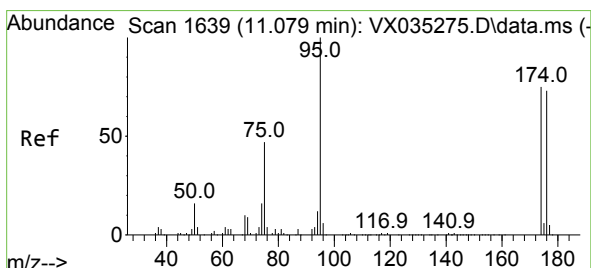
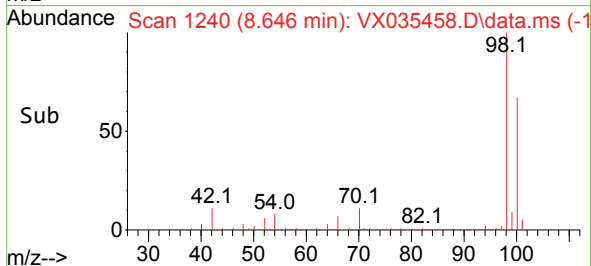
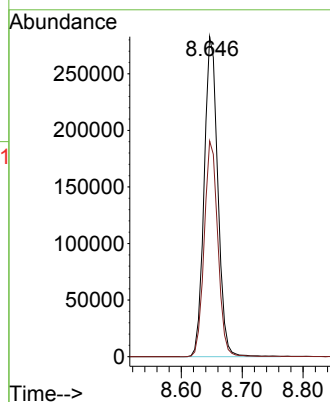
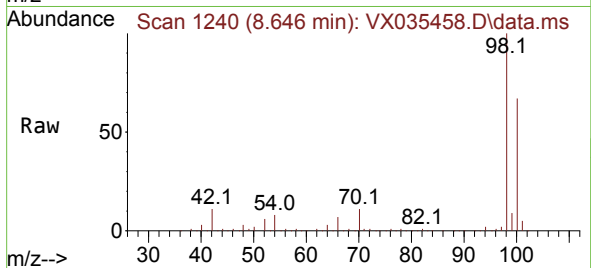




#50
Toluene-d8
Concen: 50.835 ug/l
RT: 8.646 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035458.D
Acq: 01 May 2023 23:16

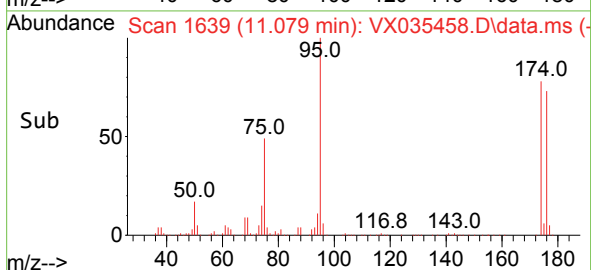
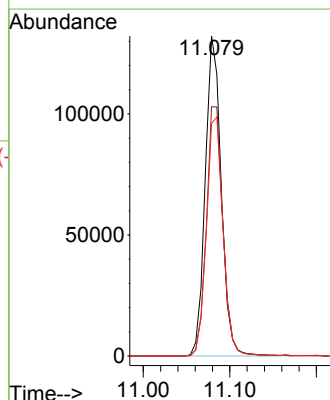
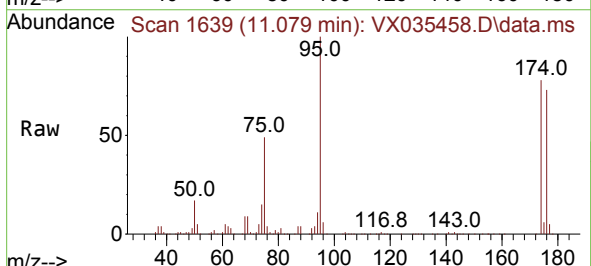
Instrument :
MSVOA_X
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VX0501WBL02

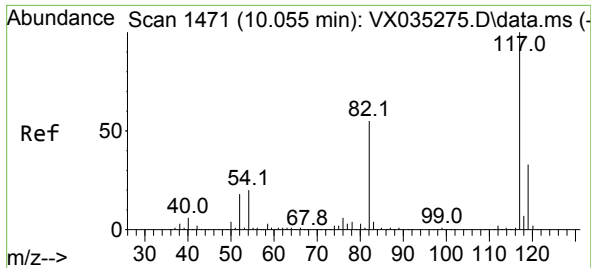
Tgt Ion: 98 Resp: 440281
Ion Ratio Lower Upper
98 100
100 67.2 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 52.004 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035458.D
Acq: 01 May 2023 23:16

Tgt Ion: 95 Resp: 169436
Ion Ratio Lower Upper
95 100
174 80.9 0.0 147.4
176 77.5 0.0 140.6

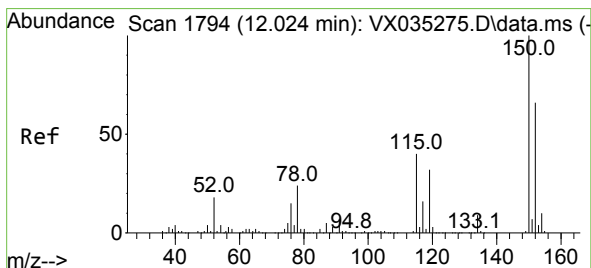
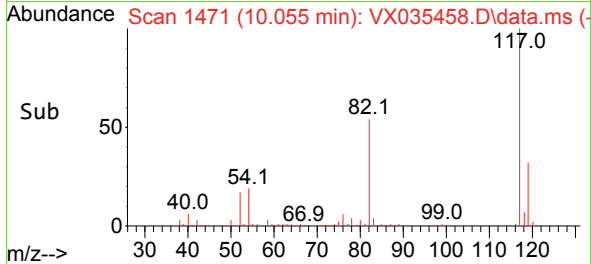
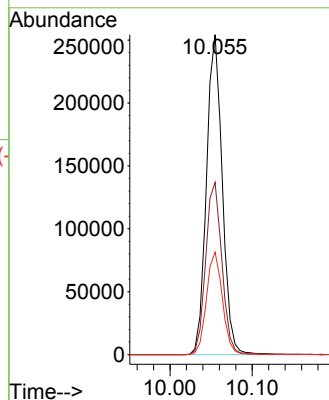
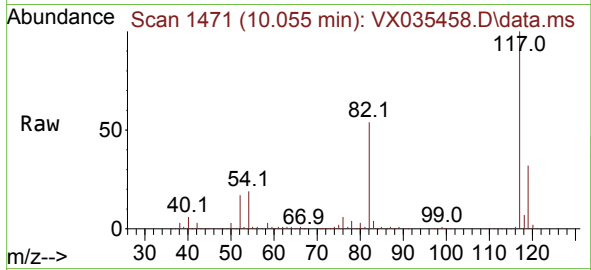




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035458.D
Acq: 01 May 2023 23:16

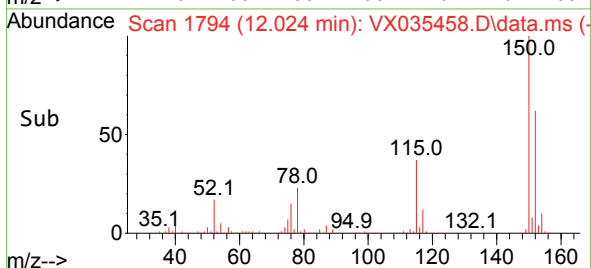
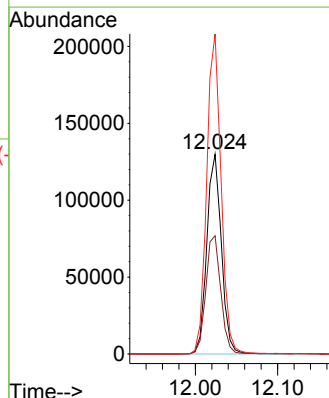
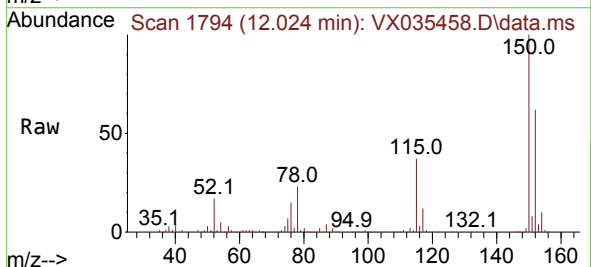
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBL02

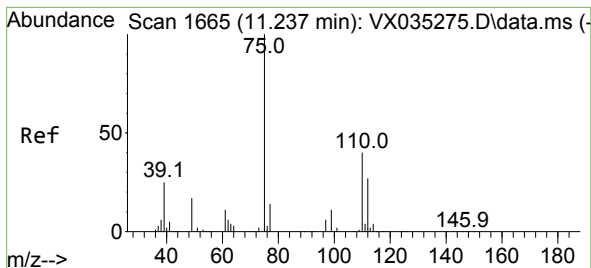
Tgt Ion:117 Resp: 340009
Ion Ratio Lower Upper
117 100
82 53.9 45.0 67.4
119 32.1 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX035458.D
Acq: 01 May 2023 23:16

Tgt Ion:152 Resp: 159841
Ion Ratio Lower Upper
152 100
115 61.0 45.0 135.0
150 158.3 0.0 352.4

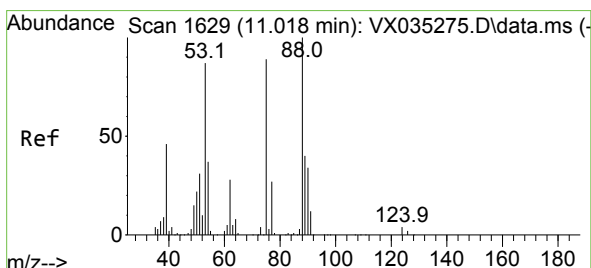
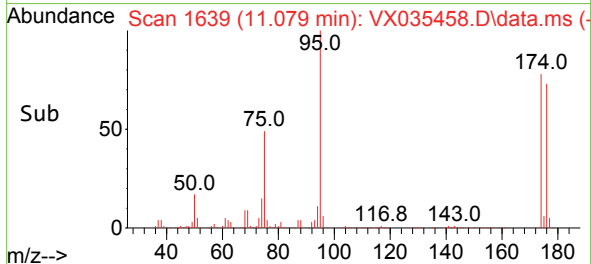
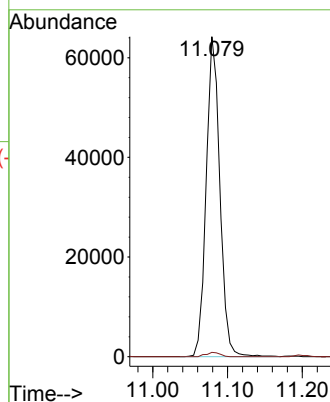
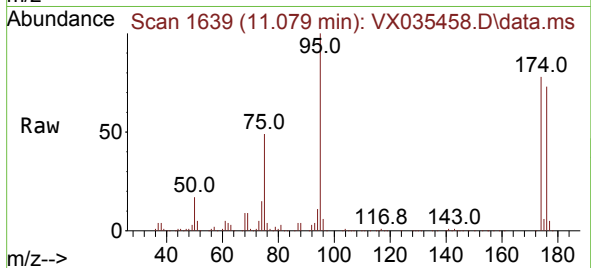




#76
1,2,3-Trichloropropane
Concen: 25.598 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035458.D
Acq: 01 May 2023 23:16

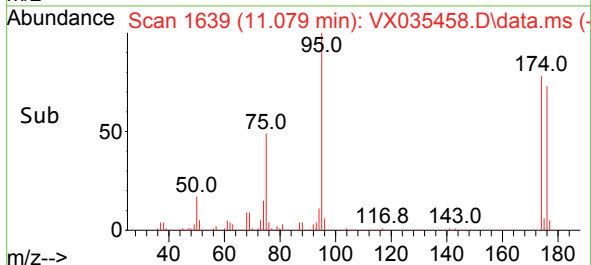
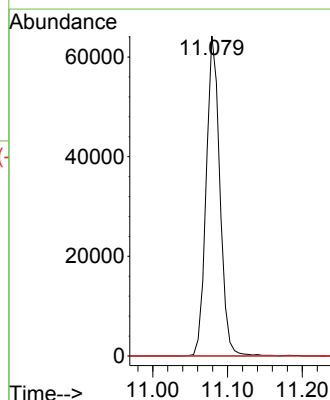
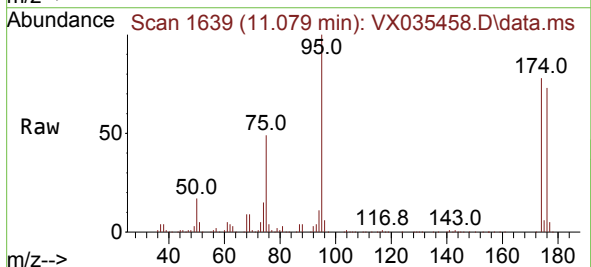
Instrument :
MSVOA_X
ClientSampleId :
VX0501WBL02

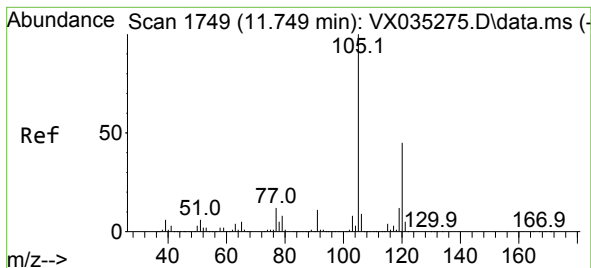
Tgt Ion: 75 Resp: 81618
Ion Ratio Lower Upper
75 100
77 1.4 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 82.907 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035458.D
Acq: 01 May 2023 23:16

Tgt Ion: 75 Resp: 81618
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#





#84

1,2,4-Trimethylbenzene

Concen: 0.234 ug/l

RT: 11.756 min Scan# 1

Delta R.T. 0.007 min

Lab File: VX035458.D

Acq: 01 May 2023 23:16

Instrument :

MSVOA_X

ClientSampleId :

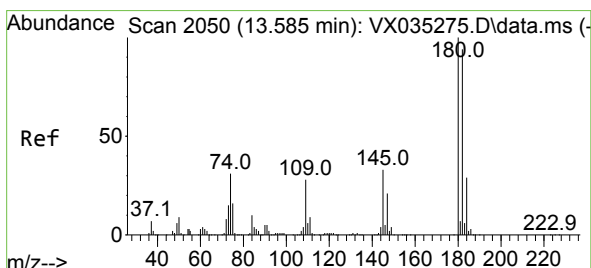
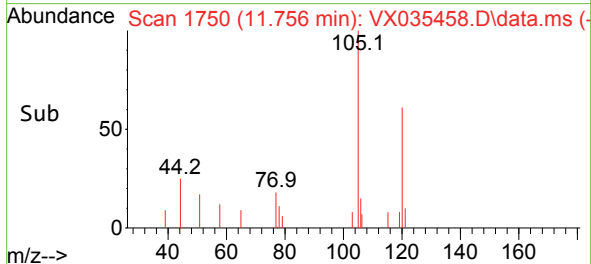
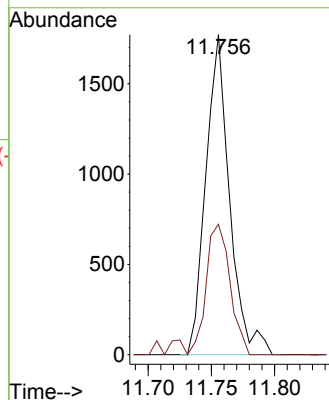
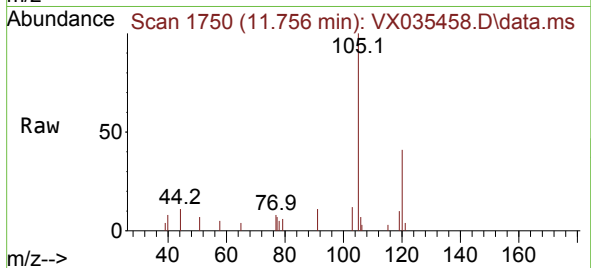
VX0501WBL02

Tgt Ion:105 Resp: 2319

Ion Ratio Lower Upper

105 100

120 40.8 22.4 67.0



#93

1,2,4-Trichlorobenzene

Concen: 0.339 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX035458.D

Acq: 01 May 2023 23:16

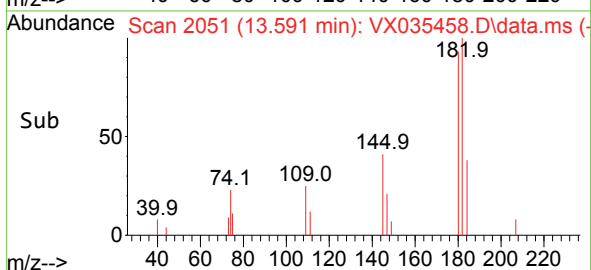
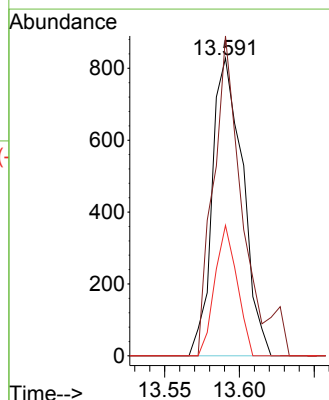
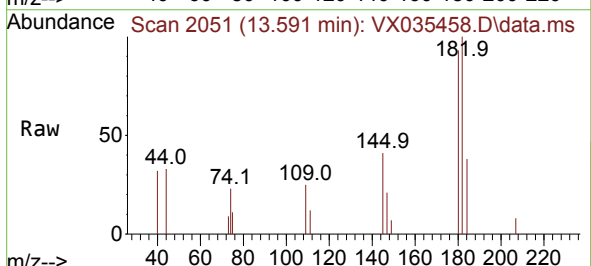
Tgt Ion:180 Resp: 1176

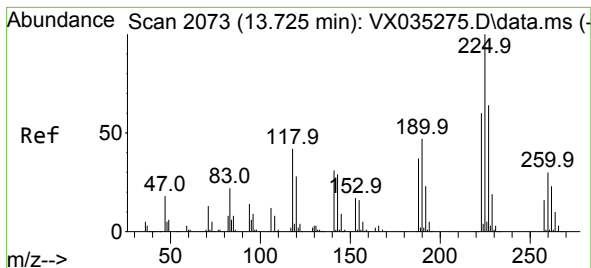
Ion Ratio Lower Upper

180 100

182 103.1 47.0 141.0

145 31.8 15.9 47.7





#94

Hexachlorobutadiene

Concen: 0.500 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. -0.000 min

Lab File: VX035458.D

Acq: 01 May 2023 23:16

Instrument :

MSVOA_X

ClientSampleId :

VX0501WBL02

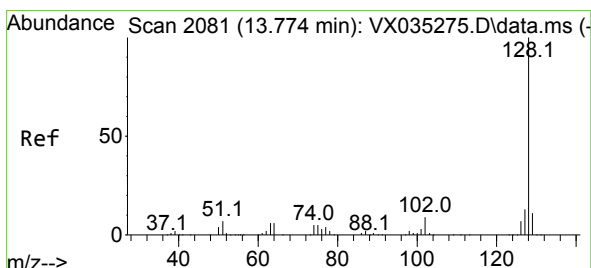
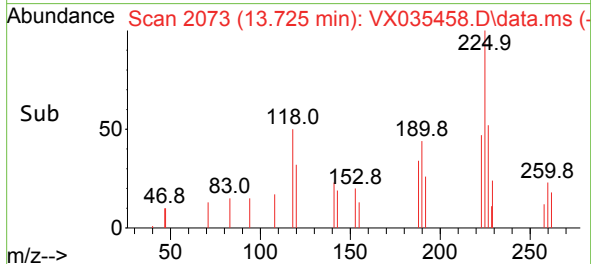
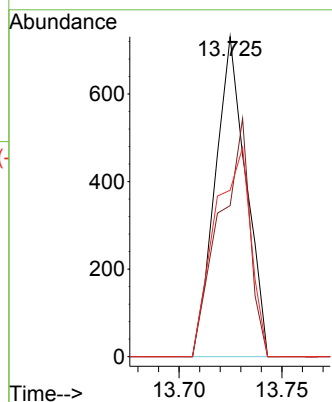
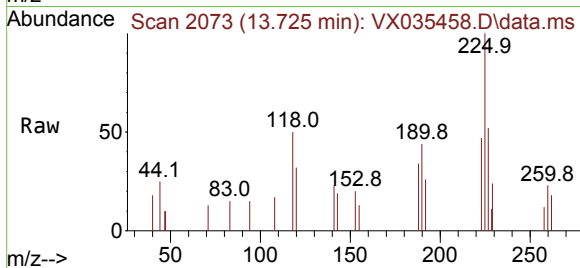
Tgt Ion:225 Resp: 761

Ion Ratio Lower Upper

225 100

223 72.8 32.1 96.5

227 75.7 31.8 95.4



#95

Naphthalene

Concen: 0.654 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX035458.D

Acq: 01 May 2023 23:16

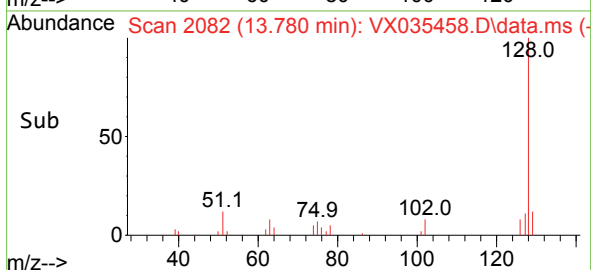
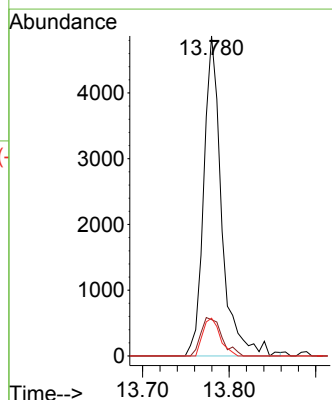
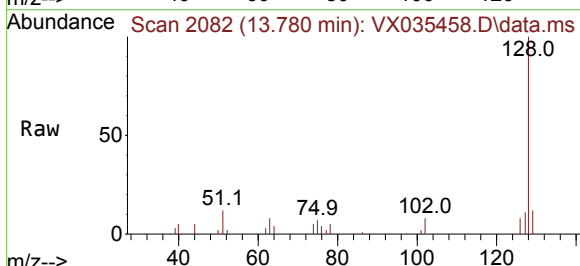
Tgt Ion:128 Resp: 6988

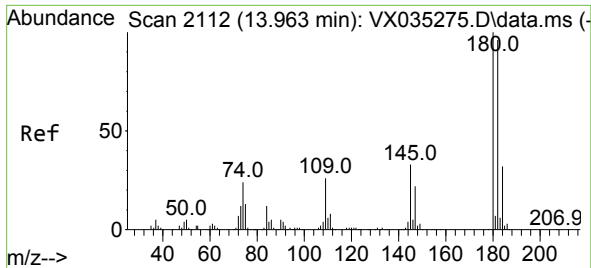
Ion Ratio Lower Upper

128 100

127 14.0 10.2 15.4

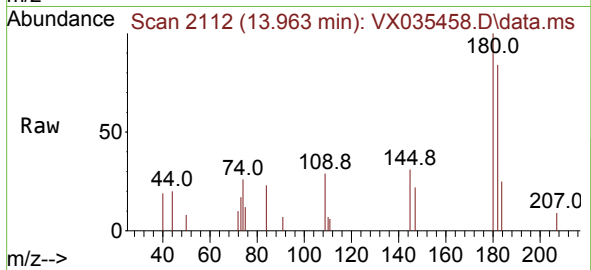
129 11.4 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.351 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX035458.D
 Acq: 01 May 2023 23:16

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0501WBL02



Tgt Ion:	180	Resp:	1227
Ion	Ratio	Lower	Upper
180	100		
182	87.7	48.0	144.2
145	35.9	17.7	53.1

