

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053023\
 Data File : VX035900.D
 Acq On : 30 May 2023 12:54
 Operator : JC/MD
 Sample : 02945-08RE
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TWP03

Quant Time: May 30 16:31:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052623W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 29 07:45:36 2023
 Response via : Initial Calibration

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

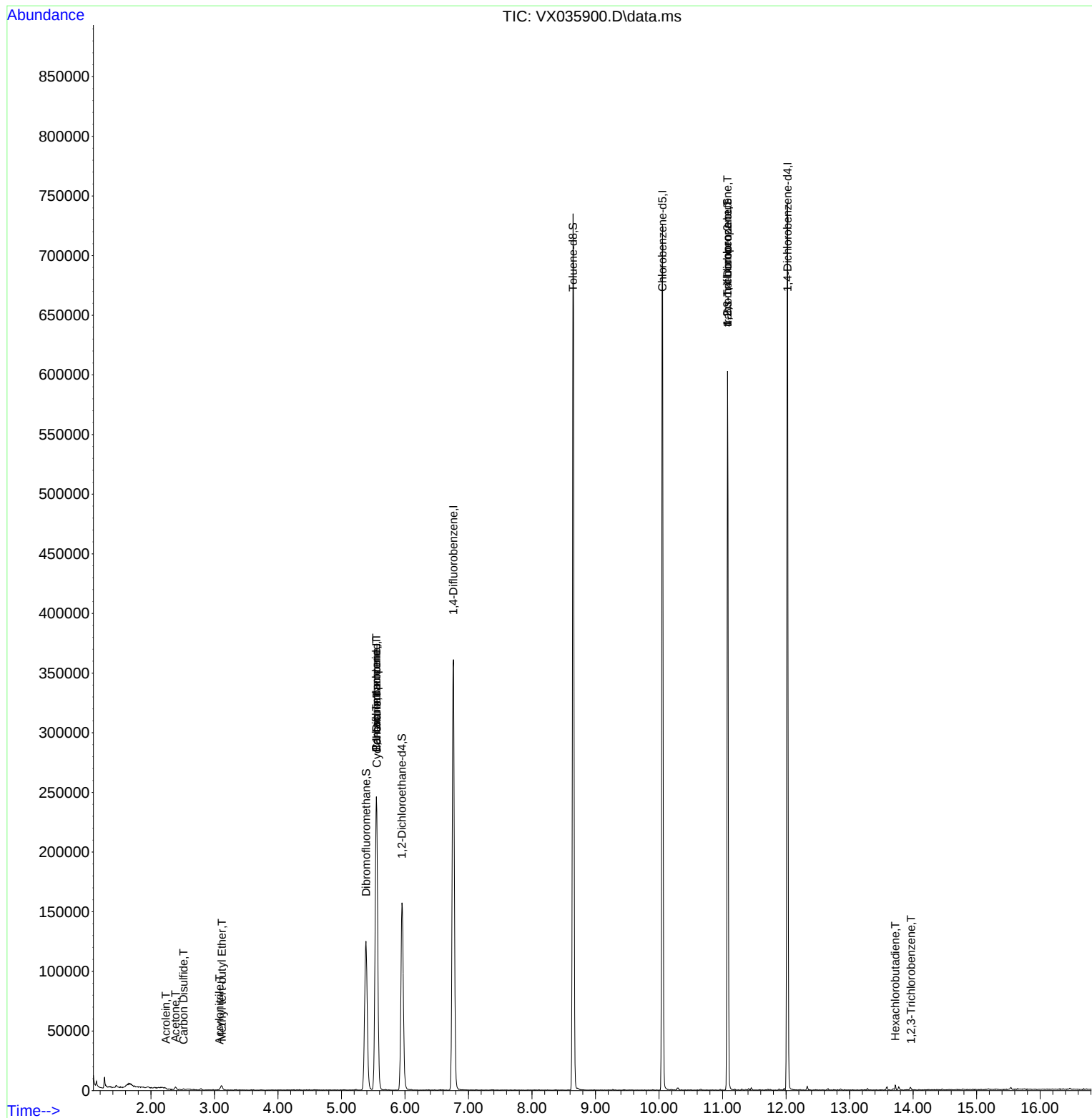
Internal Standards						
1) Pentafluorobenzene	5.550	168	211078	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	346669	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	309511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	143708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	162823	43.408	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.820%
35) Dibromofluoromethane	5.385	113	108931	45.745	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.480%
50) Toluene-d8	8.647	98	414447	47.424	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.840%
62) 4-Bromofluorobenzene	11.079	95	160879	46.724	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.440%
Target Compounds						
					Qvalue	
13) Acrolein	2.233	56	153	0.236	ug/l #	20
15) Acrylonitrile	3.081	53	352	0.236	ug/l #	65
16) Acetone	2.386	43	2512	1.659	ug/l	98
17) Carbon Disulfide	2.514	76	1248	0.232	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	3612	0.404	ug/l	96
20) Methylene Chloride	2.794	84	563	Below Cal	#	88
31) Cyclohexane	5.556	56	5417	1.216	ug/l #	10
36) 1,1-Dichloropropene	5.550	75	19487	5.389	ug/l #	51
38) Carbon Tetrachloride	5.550	117	25308	7.426	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	87637	24.436	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	87637	76.844	ug/l #	3
94) Hexachlorobutadiene	13.719	225	502	0.430	ug/l	91
96) 1,2,3-Trichlorobenzene	13.969	180	600	0.207	ug/l #	84

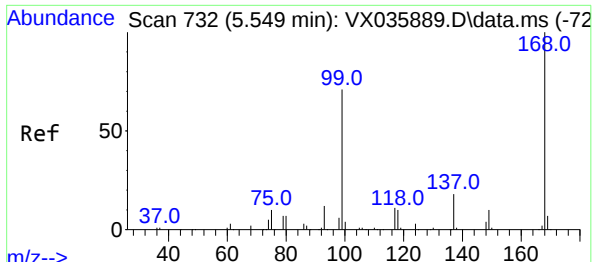
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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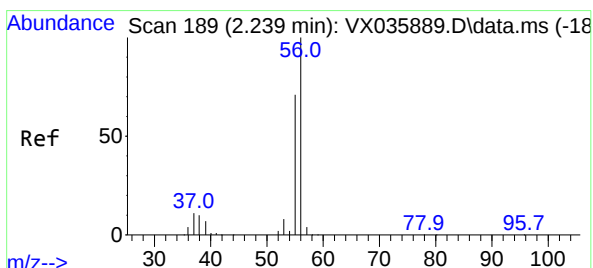
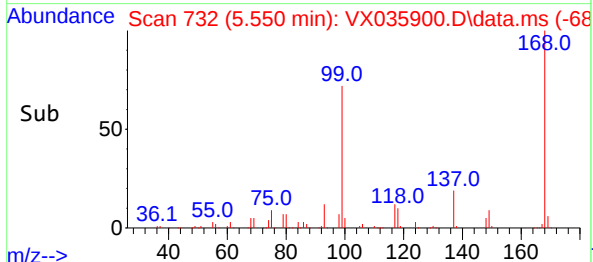
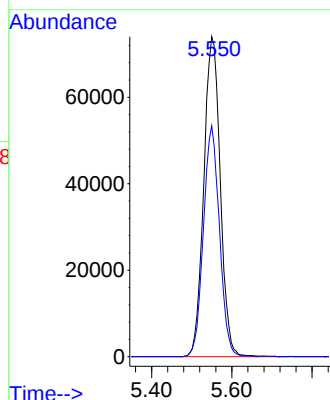
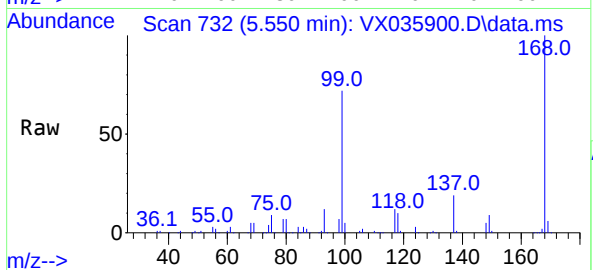




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035900.D
Acq: 30 May 2023 12:54

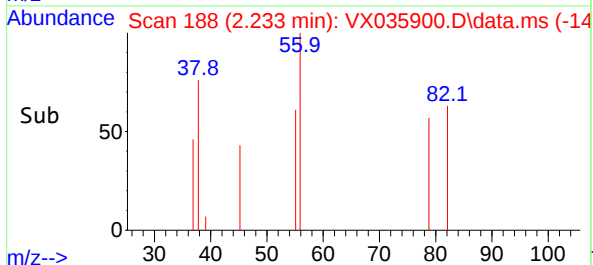
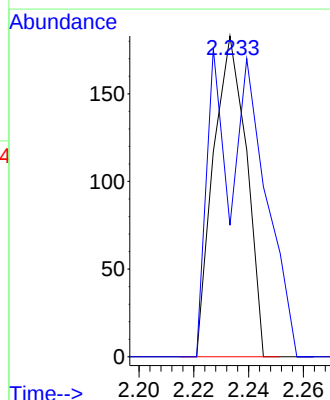
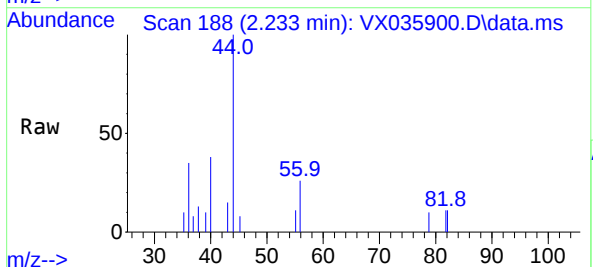
Instrument :
MSVOA_X
ClientSampleId :
TWP03

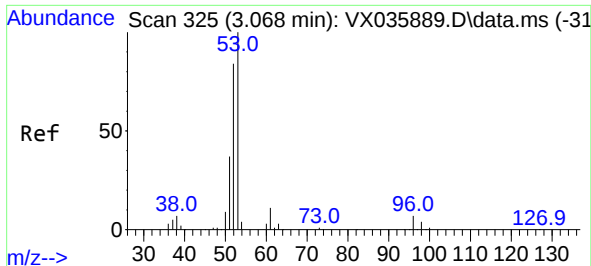
Tgt Ion:168 Resp: 211078
Ion Ratio Lower Upper
168 100
99 72.2 57.0 85.6



#13
Acrolein
Concen: 0.236 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX035900.D
Acq: 30 May 2023 12:54

Tgt Ion: 56 Resp: 153
Ion Ratio Lower Upper
56 100
55 137.9 57.3 85.9#

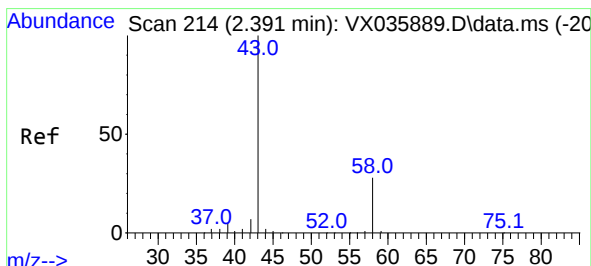
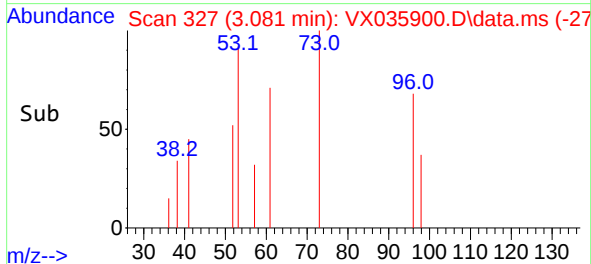
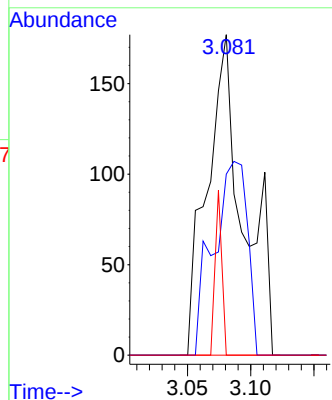
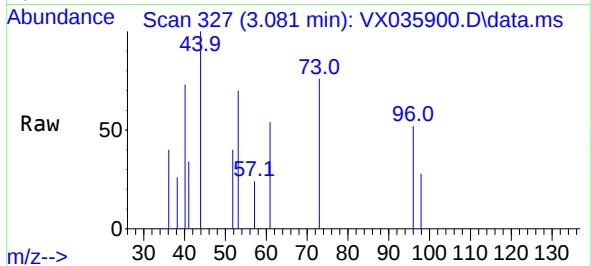




#15
Acrylonitrile
Concen: 0.236 ug/l
RT: 3.081 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX035900.D
Acq: 30 May 2023 12:54

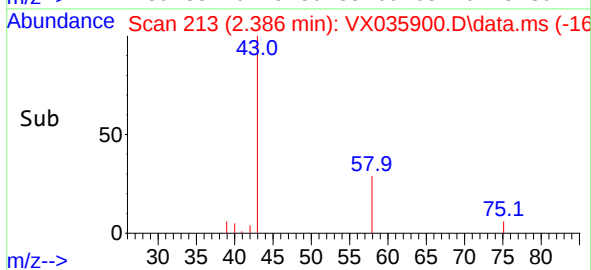
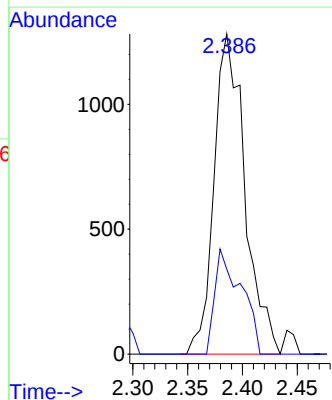
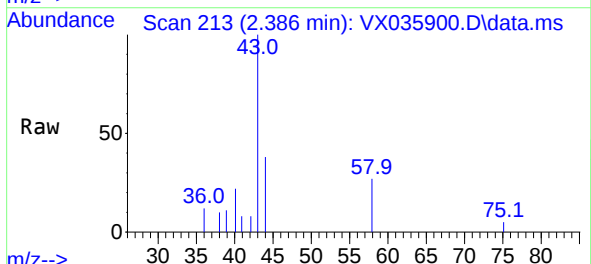
Instrument :
MSVOA_X
ClientSampleId :
TWP03

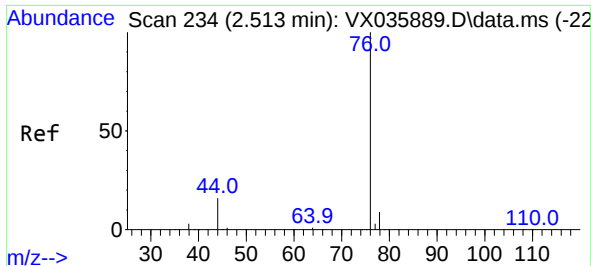
Tgt Ion: 53 Resp: 352
Ion Ratio Lower Upper
53 100
52 57.1 67.0 100.4#
51 9.4 29.8 44.8#



#16
Acetone
Concen: 1.659 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX035900.D
Acq: 30 May 2023 12:54

Tgt Ion: 43 Resp: 2512
Ion Ratio Lower Upper
43 100
58 26.5 22.2 33.2

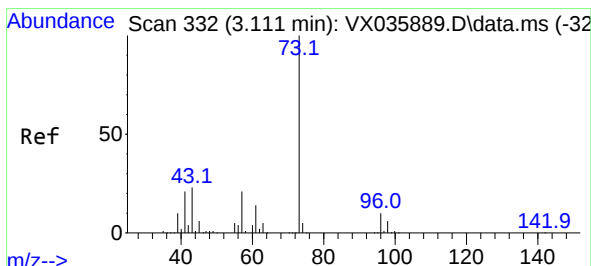
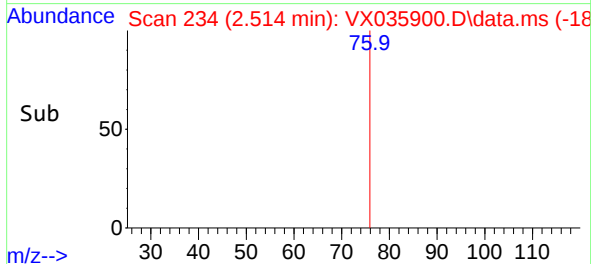
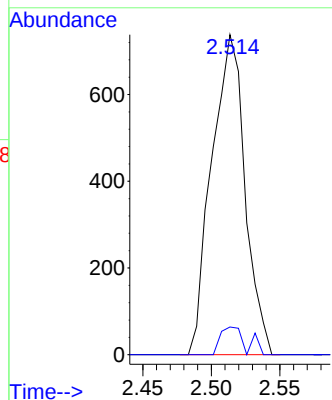
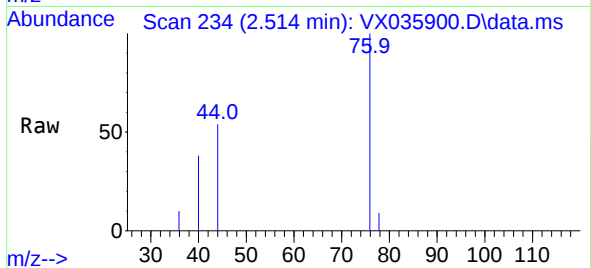




#17
Carbon Disulfide
Concen: 0.232 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX035900.D
Acq: 30 May 2023 12:54

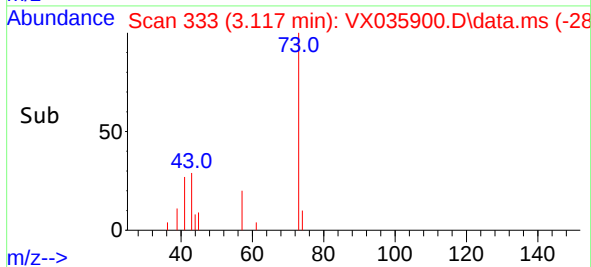
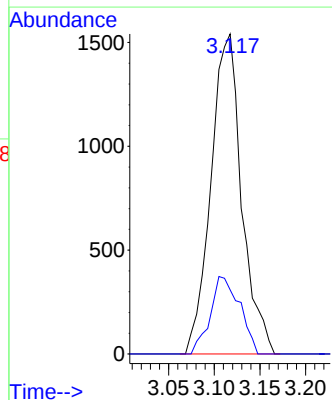
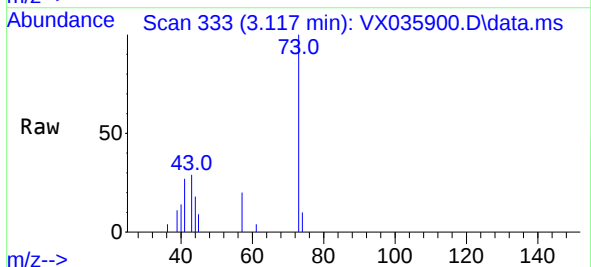
Instrument :
MSVOA_X
ClientSampleId :
TWP03

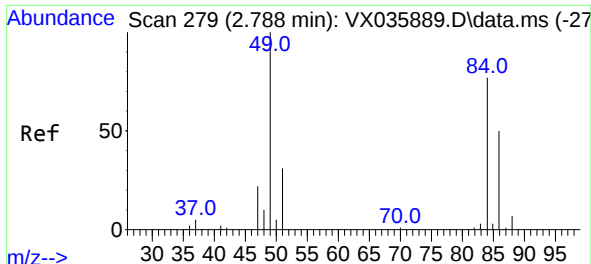
Tgt Ion: 76 Resp: 1248
Ion Ratio Lower Upper
76 100
78 8.7 7.6 11.4



#19
Methyl tert-butyl Ether
Concen: 0.404 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.006 min
Lab File: VX035900.D
Acq: 30 May 2023 12:54

Tgt Ion: 73 Resp: 3612
Ion Ratio Lower Upper
73 100
57 20.1 17.6 26.4





#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX035900.D

Acq: 30 May 2023 12:54

Instrument :

MSVOA_X

ClientSampleId :

TWP03

Tgt Ion: 84 Resp: 563

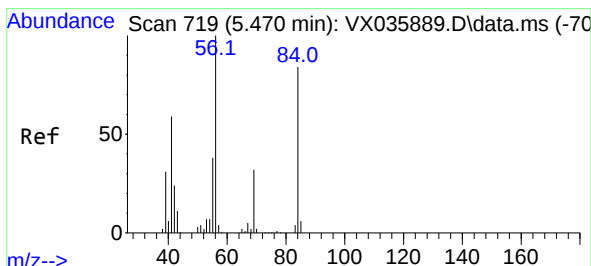
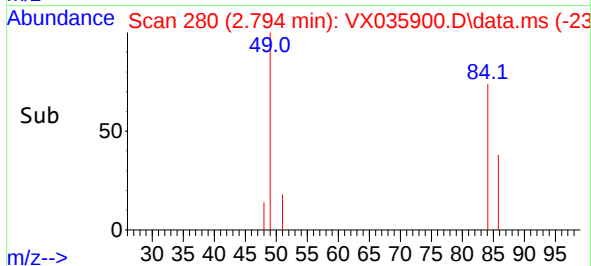
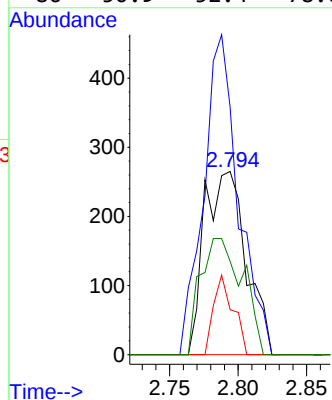
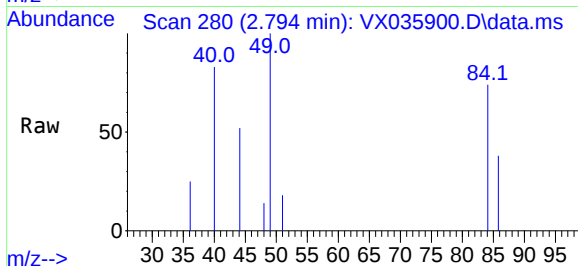
Ion Ratio Lower Upper

84 100

49 135.1 104.6 156.8

51 24.5 32.2 48.4#

86 50.9 52.4 78.6#



#31

Cyclohexane

Concen: 1.216 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.086 min

Lab File: VX035900.D

Acq: 30 May 2023 12:54

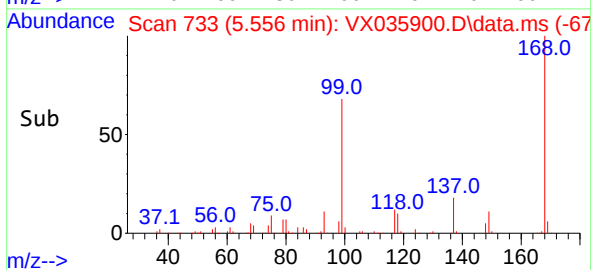
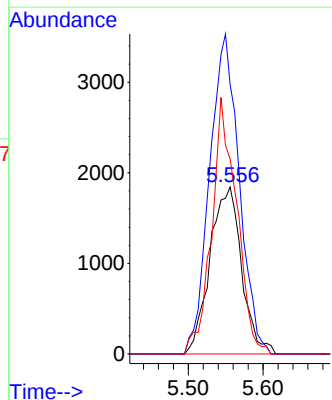
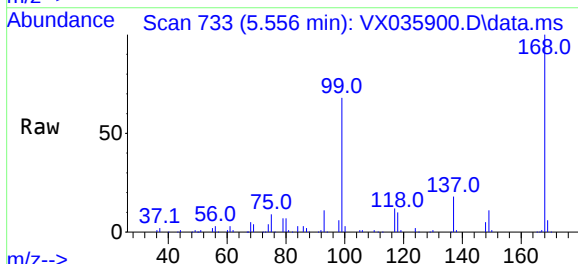
Tgt Ion: 56 Resp: 5417

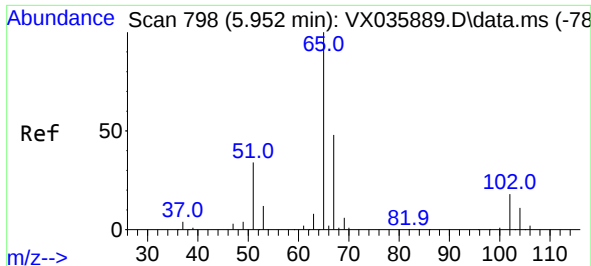
Ion Ratio Lower Upper

56 100

69 161.5 25.9 38.9#

84 116.9 67.6 101.4#



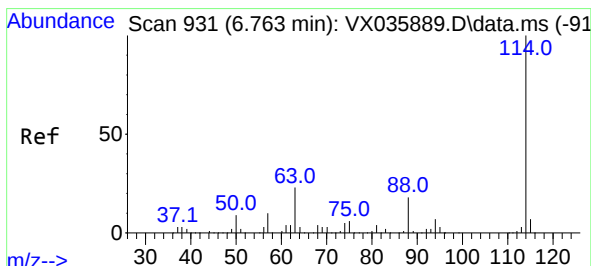
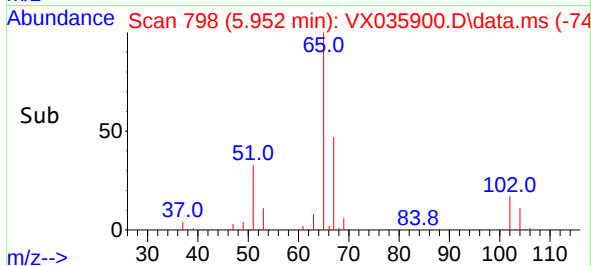
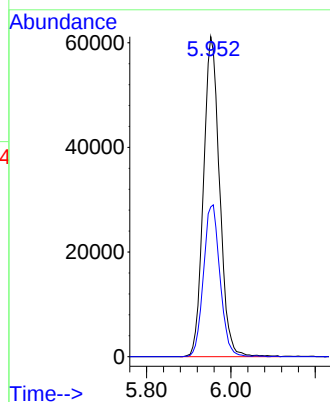
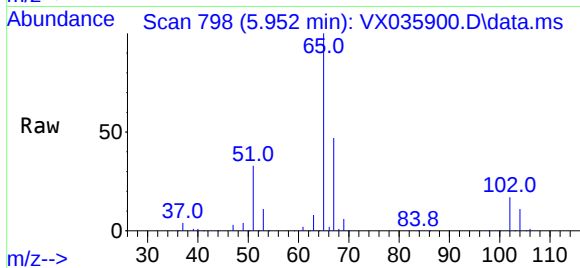


#33
 1,2-Dichloroethane-d4
 Concen: 43.408 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX035900.D
 Acq: 30 May 2023 12:54

Instrument :
 MSVOA_X
 ClientSampleId :
 TWP03

Tgt Ion: 65 Resp: 162823

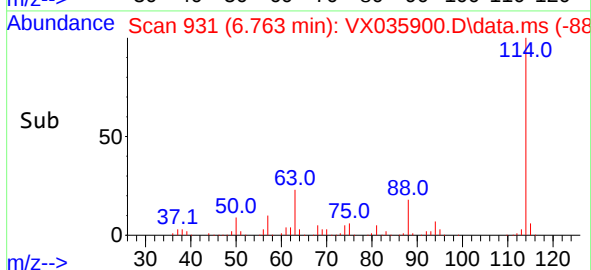
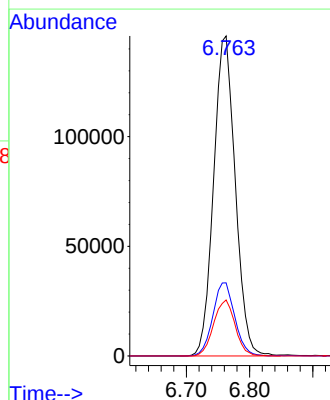
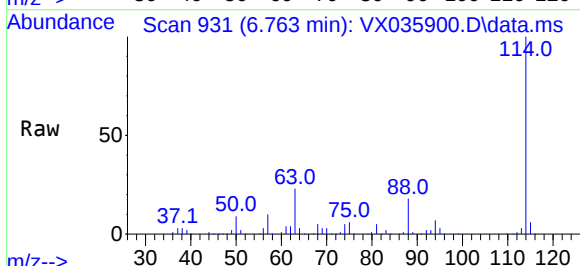
Ion	Ratio	Lower	Upper
65	100		
67	48.5	0.0	99.6

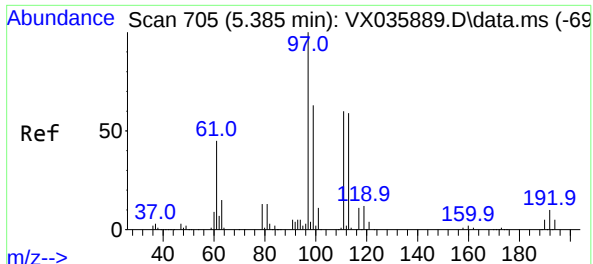


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX035900.D
 Acq: 30 May 2023 12:54

Tgt Ion: 114 Resp: 346669

Ion	Ratio	Lower	Upper
114	100		
63	22.9	0.0	46.0
88	17.5	0.0	35.2

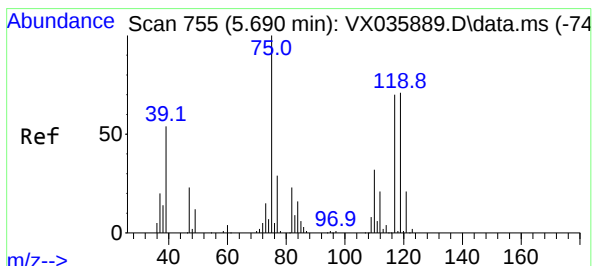
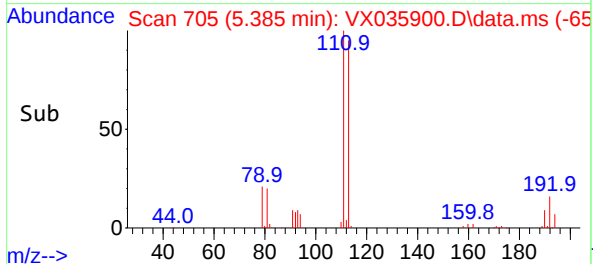
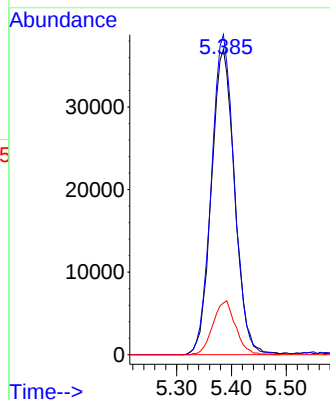
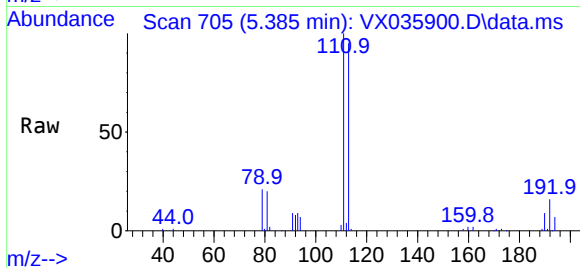




#35
Dibromofluoromethane
Concen: 45.745 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035900.D
Acq: 30 May 2023 12:54

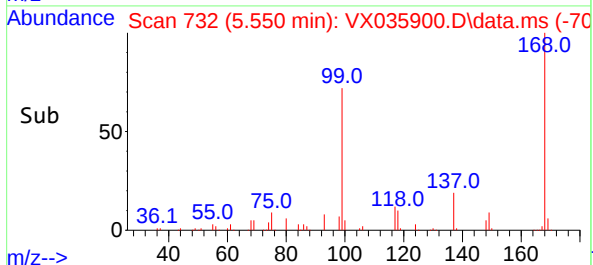
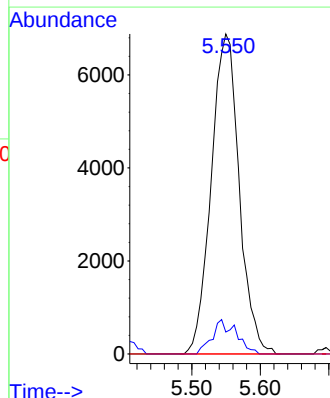
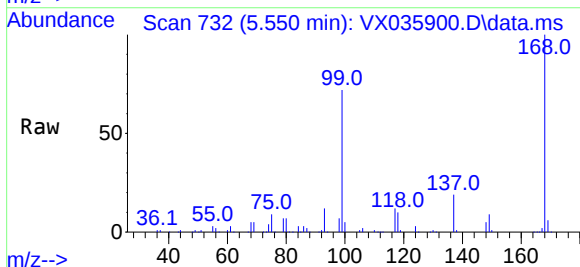
Instrument :
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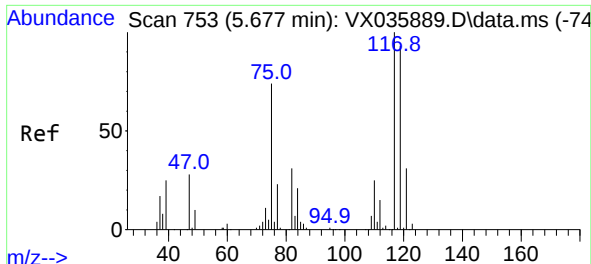
Tgt Ion:113 Resp: 108931
Ion Ratio Lower Upper
113 100
111 103.5 81.7 122.5
192 17.1 13.5 20.3



#36
1,1-Dichloropropene
Concen: 5.389 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX035900.D
Acq: 30 May 2023 12:54

Tgt Ion: 75 Resp: 19487
Ion Ratio Lower Upper
75 100
110 9.2 16.6 49.7#
77 0.0 24.4 36.6#

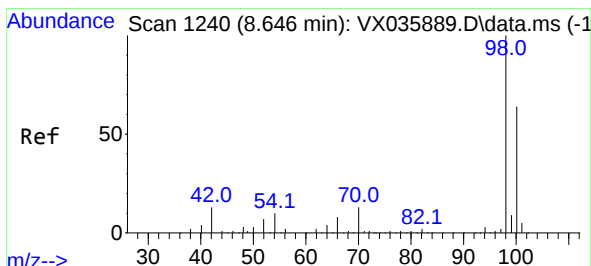
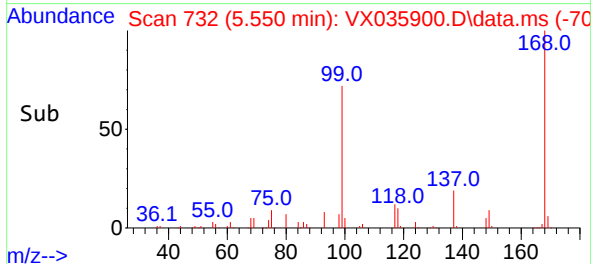
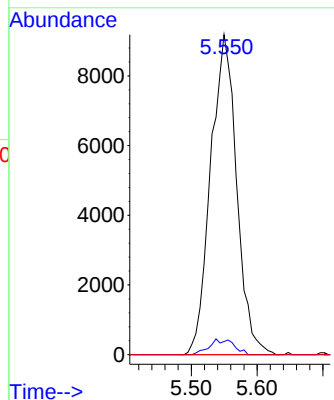
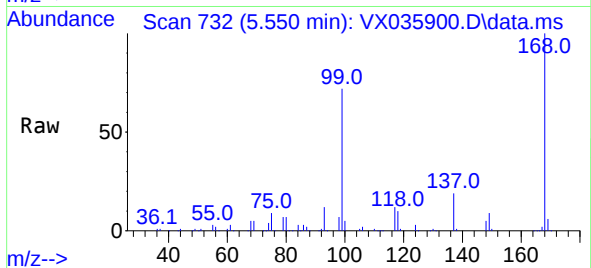




#38
Carbon Tetrachloride
Concen: 7.426 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX035900.D
Acq: 30 May 2023 12:54

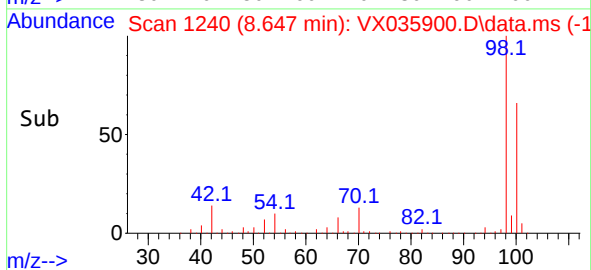
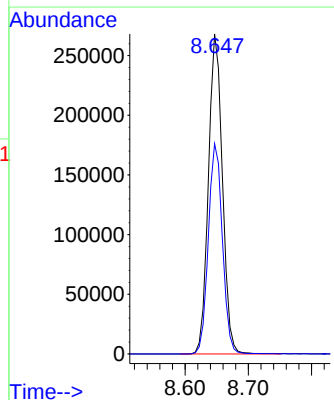
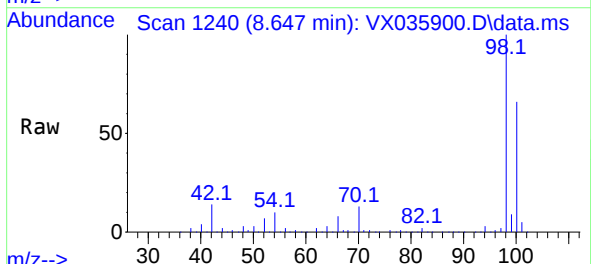
Instrument :
MSVOA_X
ClientSampleId :
TWP03

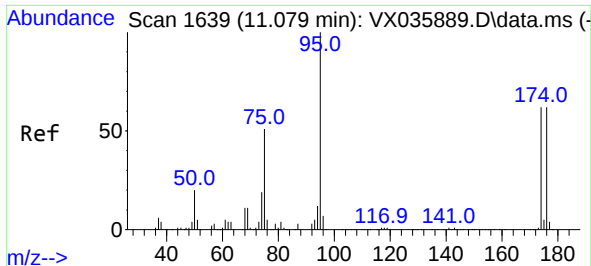
Tgt Ion:117 Resp: 25308
Ion Ratio Lower Upper
117 100
119 4.1 74.1 111.1#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 47.424 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX035900.D
Acq: 30 May 2023 12:54

Tgt Ion: 98 Resp: 414447
Ion Ratio Lower Upper
98 100
100 65.9 53.4 80.0

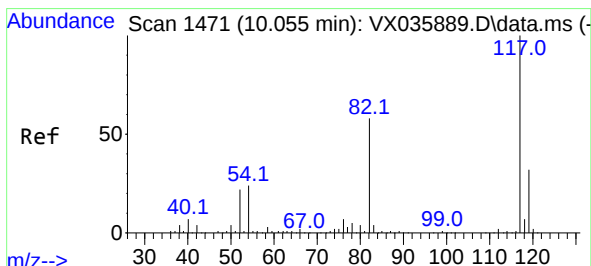
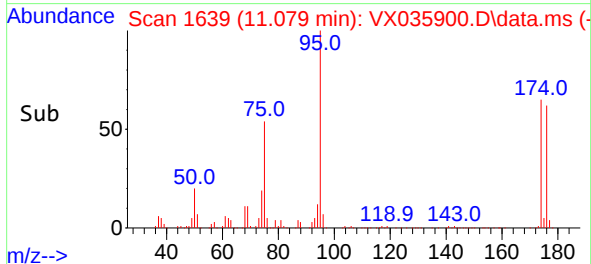
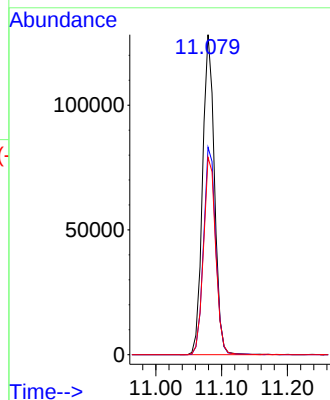
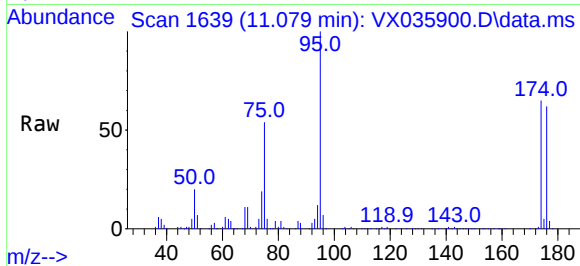




#62
4-Bromofluorobenzene
Concen: 46.724 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035900.D
Acq: 30 May 2023 12:54

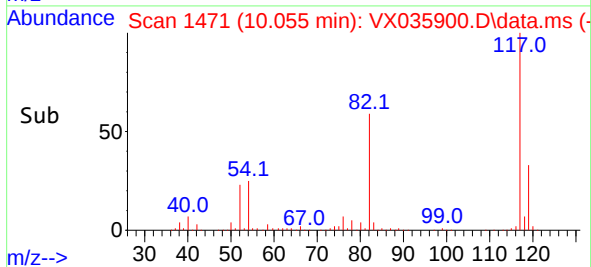
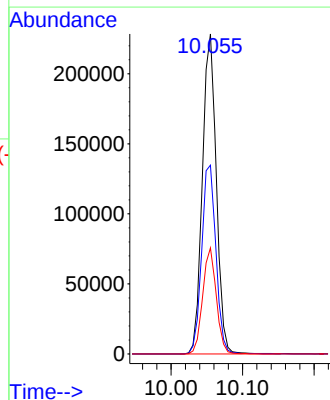
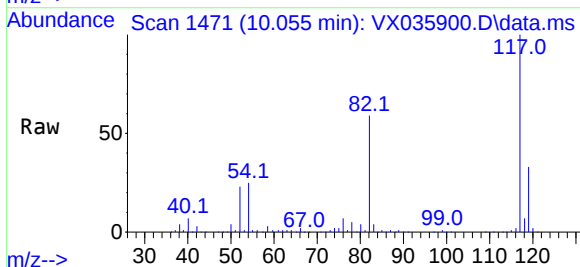
Instrument :
MSVOA_X
ClientSampleId :
TWP03

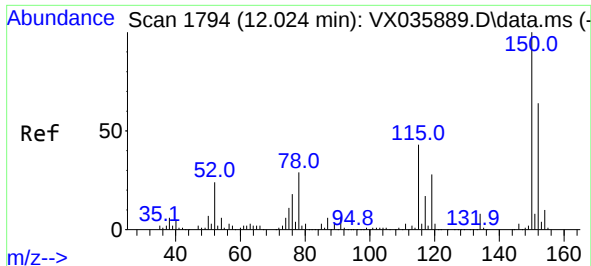
Tgt Ion: 95 Resp: 160879
Ion Ratio Lower Upper
95 100
174 66.0 0.0 132.6
176 63.3 0.0 128.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035900.D
Acq: 30 May 2023 12:54

Tgt Ion: 117 Resp: 309511
Ion Ratio Lower Upper
117 100
82 59.0 46.6 69.8
119 33.2 25.4 38.2

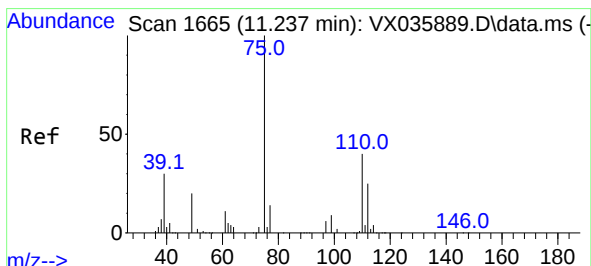
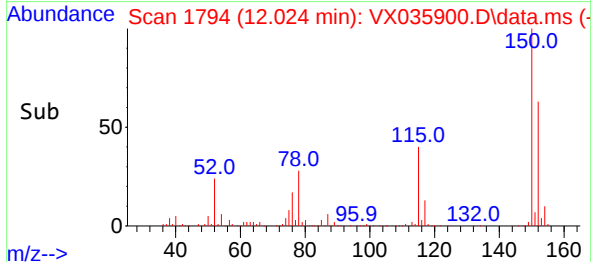
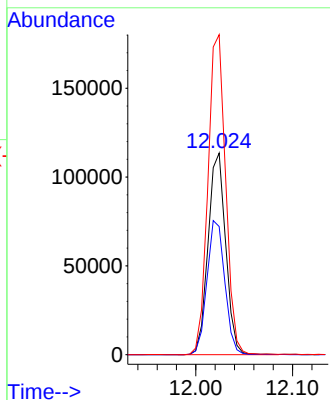
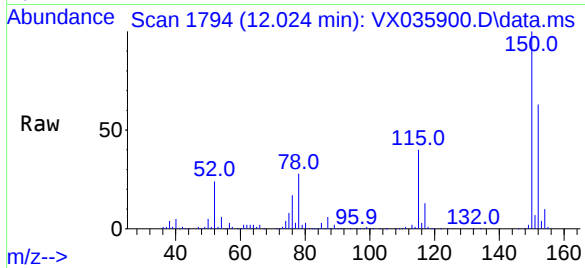




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035900.D
Acq: 30 May 2023 12:54

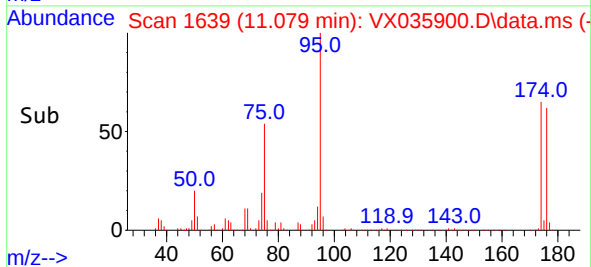
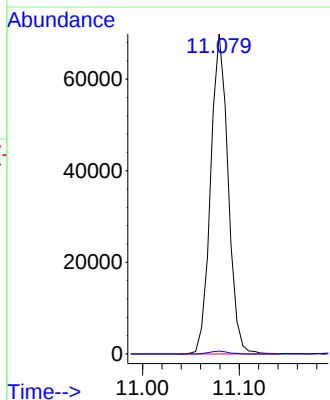
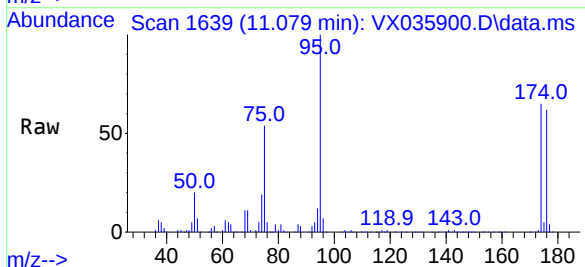
Instrument :
MSVOA_X
ClientSampleId :
TWP03

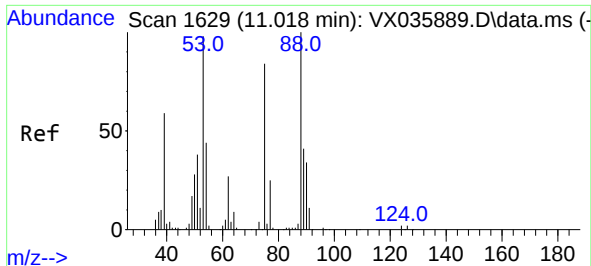
Tgt Ion:152 Resp: 143708
Ion Ratio Lower Upper
152 100
115 67.3 45.5 136.5
150 159.6 0.0 345.2



#76
1,2,3-Trichloropropane
Concen: 24.436 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035900.D
Acq: 30 May 2023 12:54

Tgt Ion: 75 Resp: 87637
Ion Ratio Lower Upper
75 100
77 0.9 21.4 64.2#

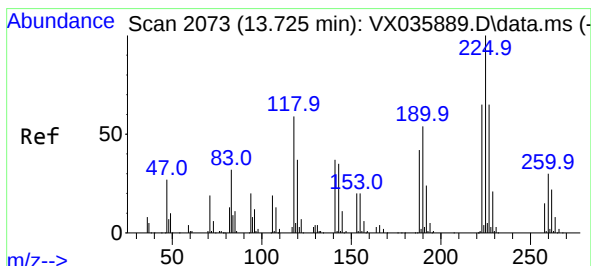
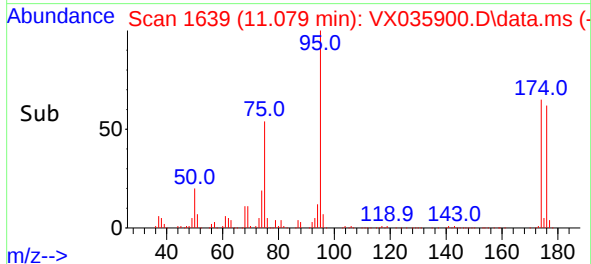
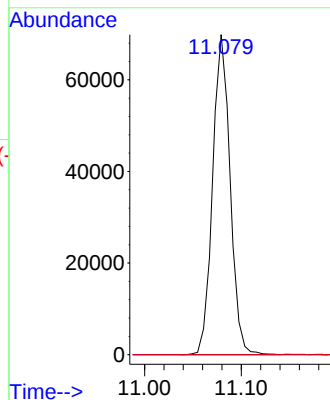
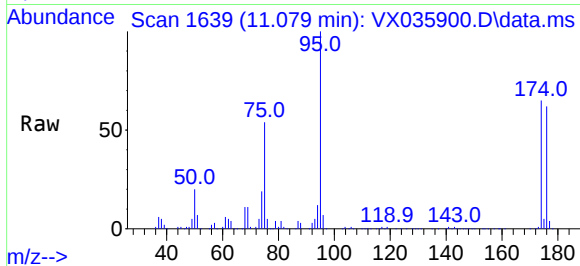




#81
trans-1,4-Dichloro-2-butene
Concen: 76.844 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX035900.D
Acq: 30 May 2023 12:54

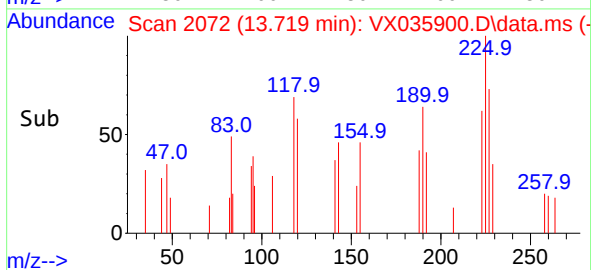
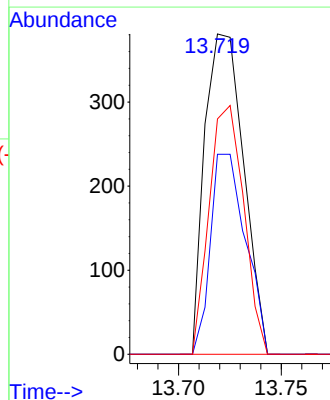
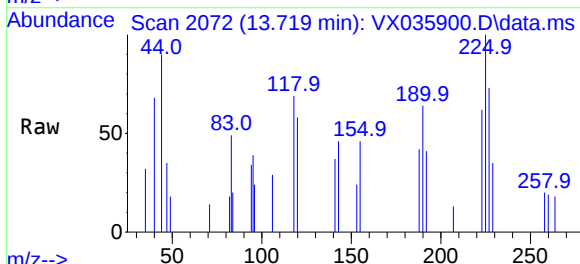
Instrument :
MSVOA_X
ClientSampleId :
TWP03

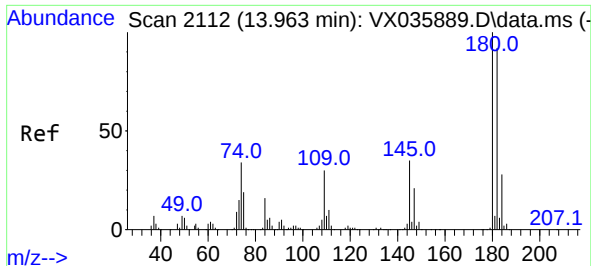
Tgt Ion: 75 Resp: 87637
Ion Ratio Lower Upper
75 100
53 0.0 95.2 142.8#
89 0.0 38.0 57.0#



#94
Hexachlorobutadiene
Concen: 0.430 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX035900.D
Acq: 30 May 2023 12:54

Tgt Ion: 225 Resp: 502
Ion Ratio Lower Upper
225 100
223 56.6 32.6 97.7
227 69.1 31.9 95.7





#96

1,2,3-Trichlorobenzene

Concen: 0.207 ug/l

RT: 13.969 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX035900.D

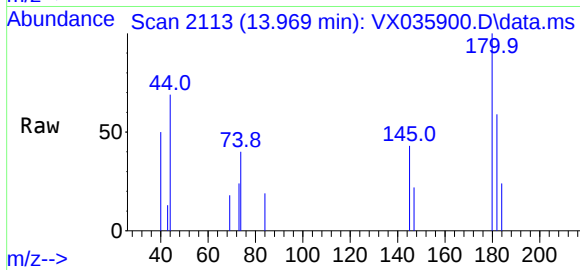
Acq: 30 May 2023 12:54

Instrument :

MSVOA_X

ClientSampleId :

TWP03



Tgt Ion:180 Resp: 600

Ion Ratio Lower Upper

180 100

182 96.3 46.9 140.7

145 65.3 18.1 54.3#

