

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053023\
 Data File : VX035900.D
 Acq On : 30 May 2023 12:54
 Operator : JC/MD
 Sample : 02945-08
 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)

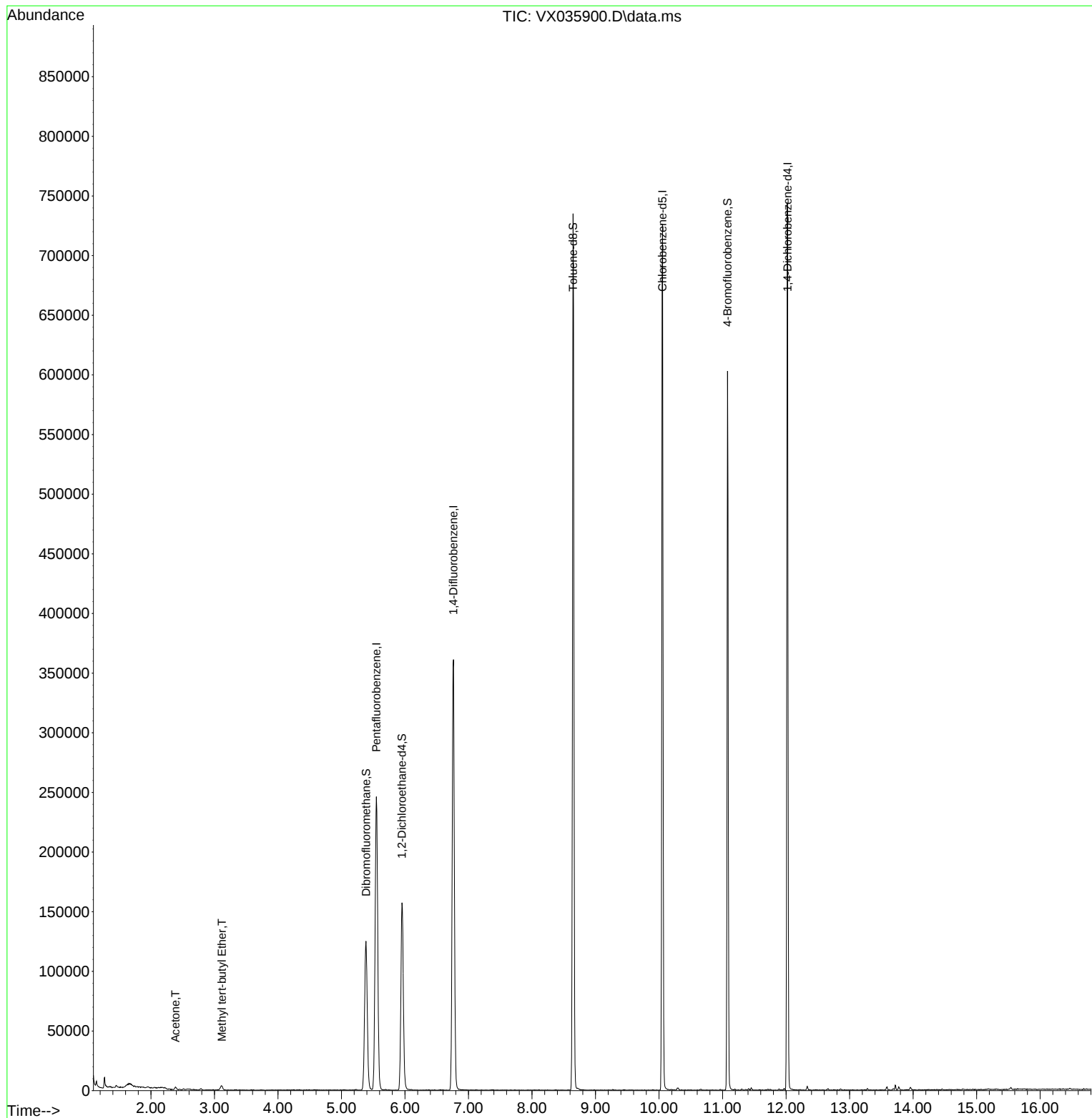
Internal Standards						
1) Pentafluorobenzene	5.550	168	211078	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	346669	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	309511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	143708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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						
16) Acetone	2.386	43	2512	1.659	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	3612	0.404	ug/l	96

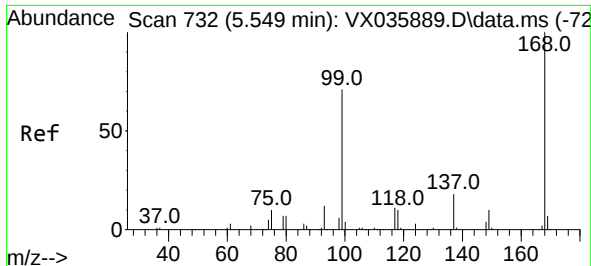
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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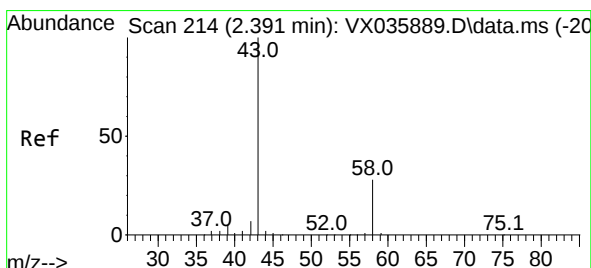
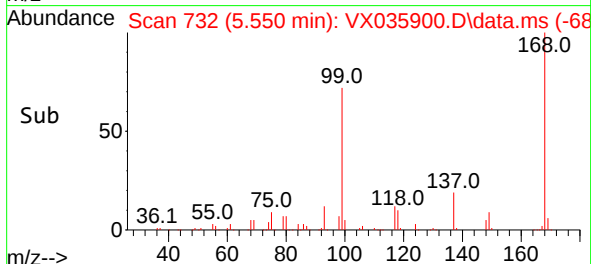
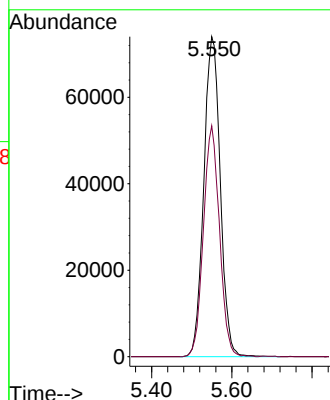
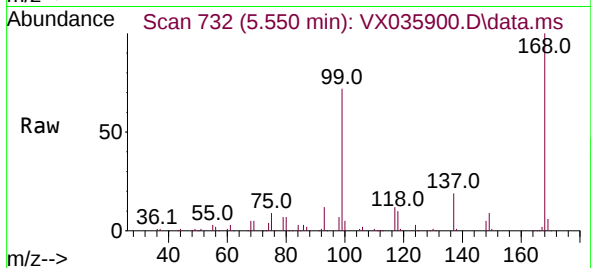




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035900.D
Acq: 30 May 2023 12:54

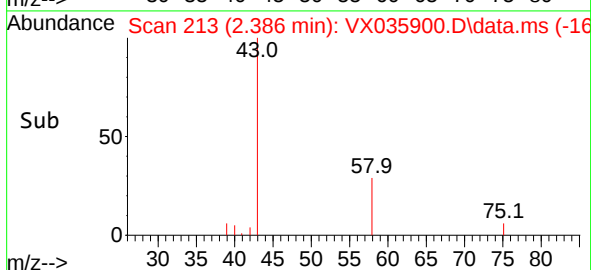
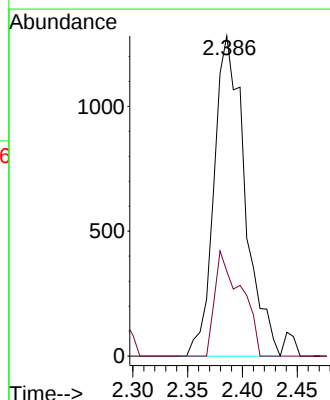
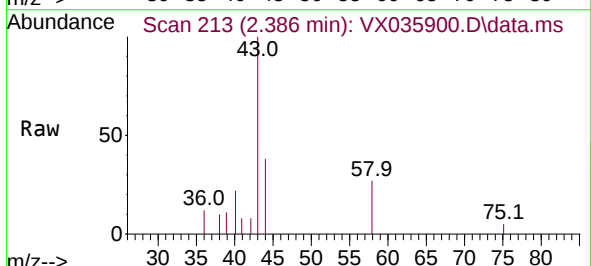
Instrument :
MSVOA_X
ClientSampleId :
TWP03

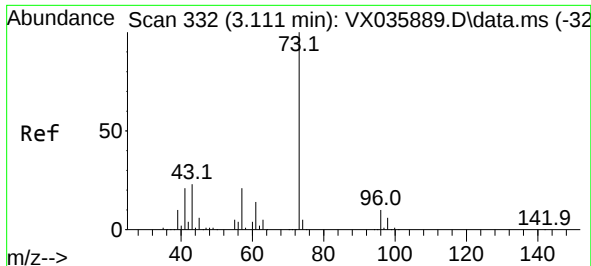
Tgt Ion:168 Resp: 211078
Ion Ratio Lower Upper
168 100
99 72.2 57.0 85.6



#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





#19

Methyl tert-butyl Ether

Concen: 0.404 ug/l

RT: 3.117 min Scan# 31

Delta R.T. 0.006 min

Lab File: VX035900.D

Acq: 30 May 2023 12:54

Instrument :

MSVOA_X

ClientSampleId :

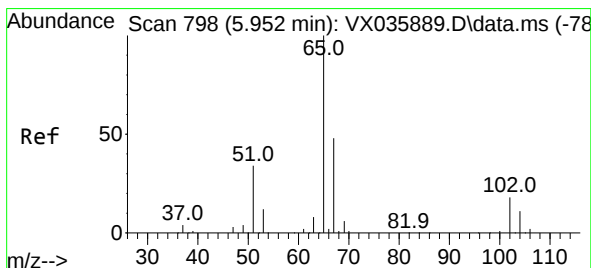
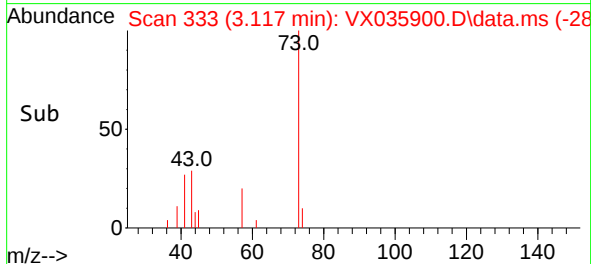
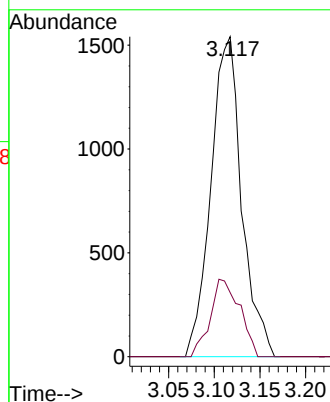
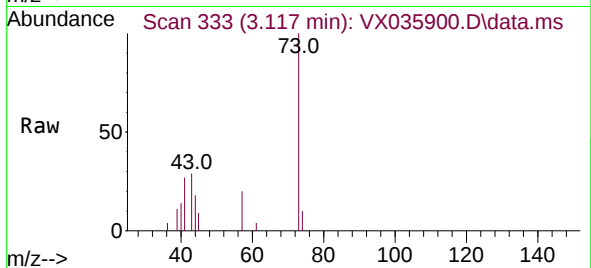
TWP03

Tgt Ion: 73 Resp: 3612

Ion Ratio Lower Upper

73 100

57 20.1 17.6 26.4



#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

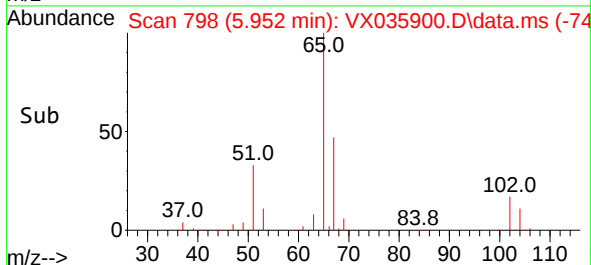
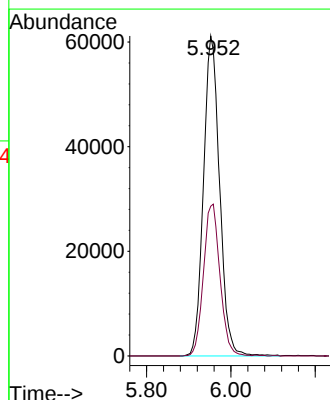
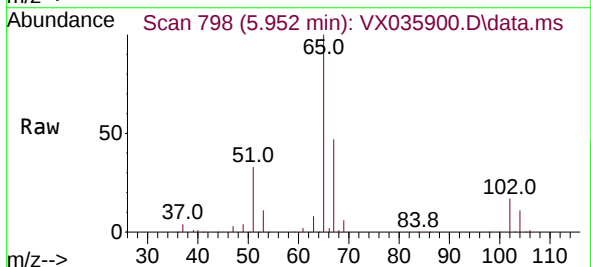
Acq: 30 May 2023 12:54

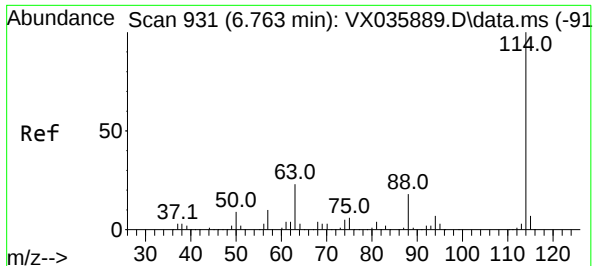
Tgt Ion: 65 Resp: 162823

Ion Ratio Lower Upper

65 100

67 48.5 0.0 99.6

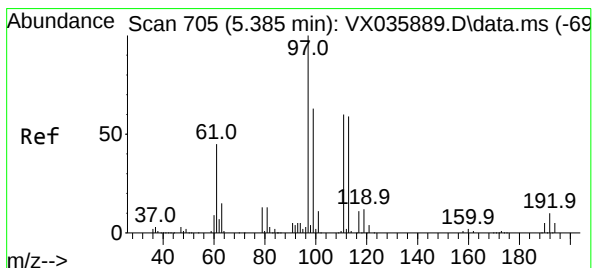
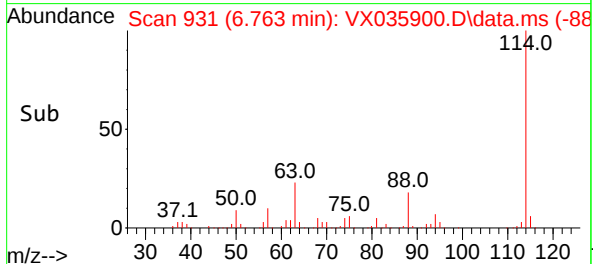
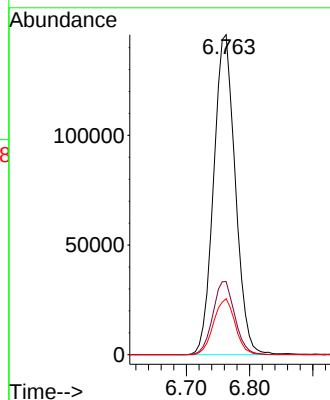
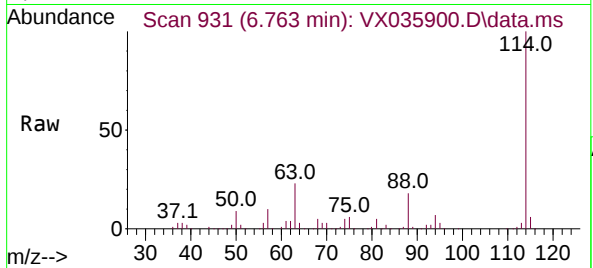




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX035900.D
Acq: 30 May 2023 12:54

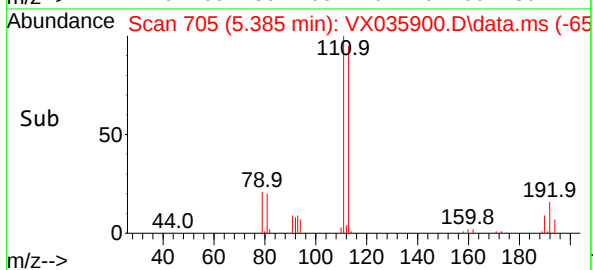
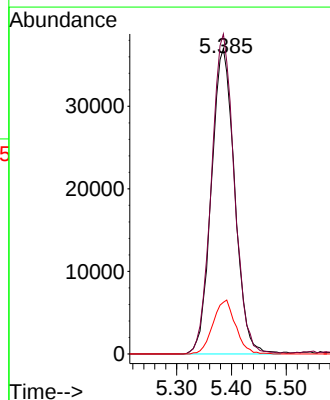
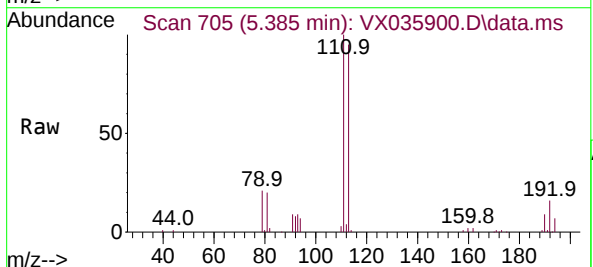
Instrument :
MSVOA_X
ClientSampleId :
TWP03

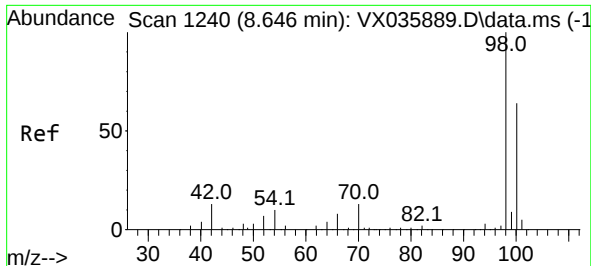
Tgt Ion:114 Resp: 346669
Ion Ratio Lower Upper
114 100
63 22.9 0.0 46.0
88 17.5 0.0 35.2



#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

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

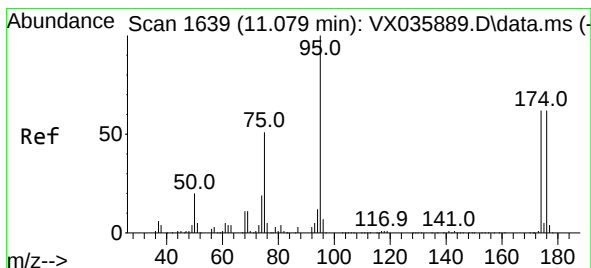
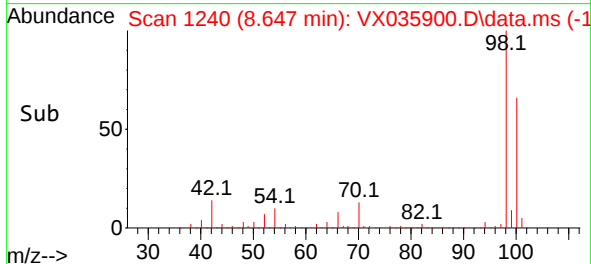
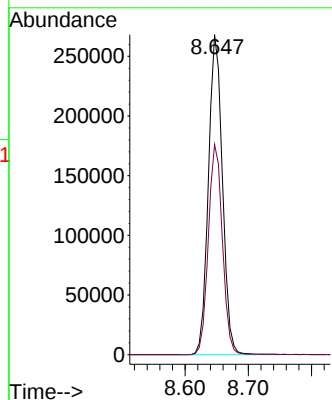
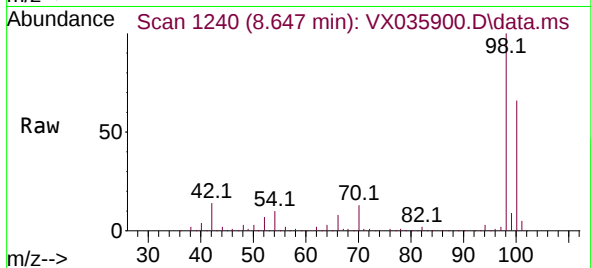




#50
Toluene-d8
Concen: 47.424 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035900.D
Acq: 30 May 2023 12:54

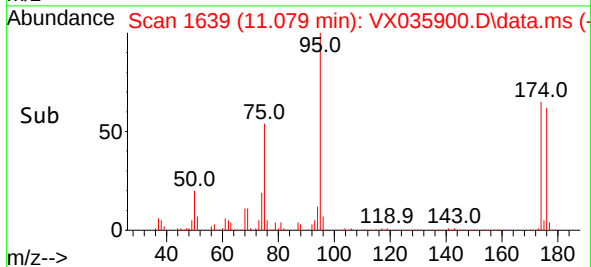
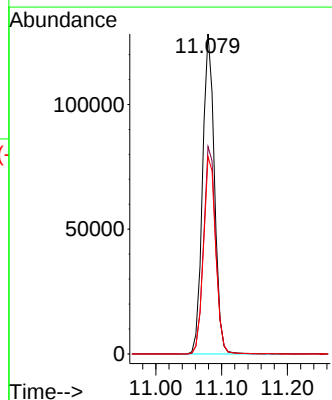
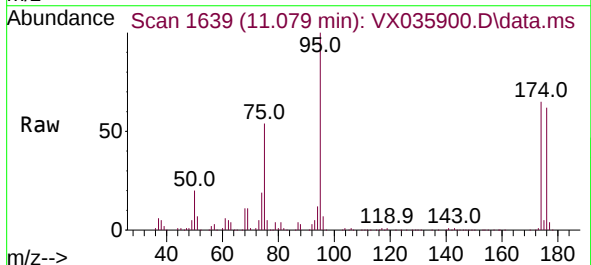
Instrument :
MSVOA_X
ClientSampleId :
TWP03

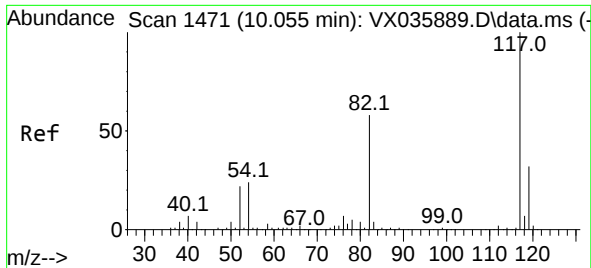
Tgt Ion: 98 Resp: 414447
Ion Ratio Lower Upper
98 100
100 65.9 53.4 80.0



#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

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

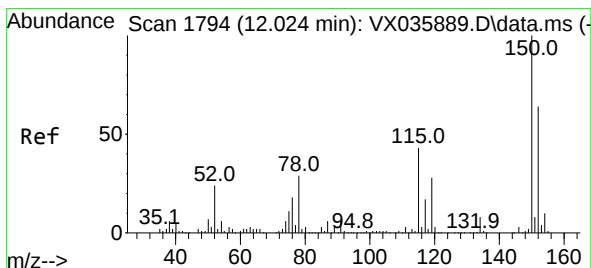
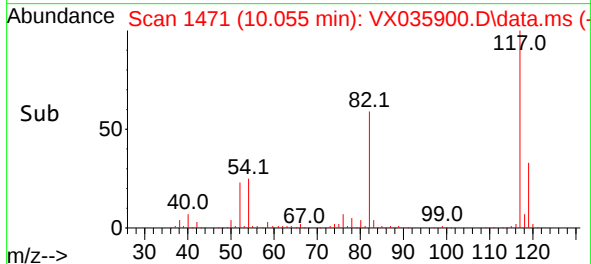
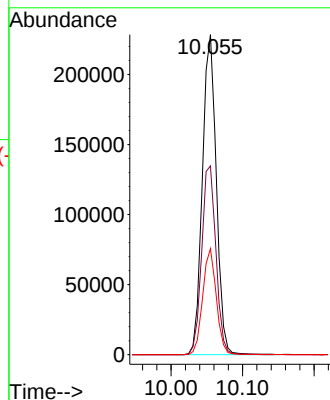
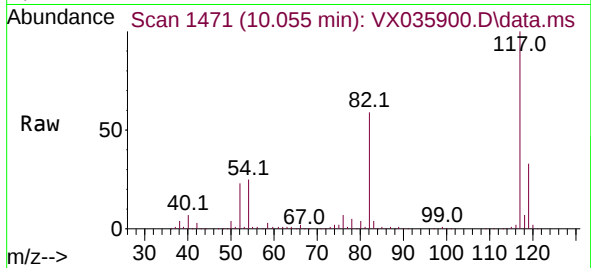




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035900.D
Acq: 30 May 2023 12:54

Instrument :
MSVOA_X
ClientSampleId :
TWP03

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# 1794
Delta R.T. 0.000 min
Lab File: VX035900.D
Acq: 30 May 2023 12:54

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

