

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102320\
 Data File : VX019103.D
 Acq On : 24 Oct 2020 03:44
 Operator : JC/SP
 Sample : L4417-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6D

Quant Time: Oct 29 08:37:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

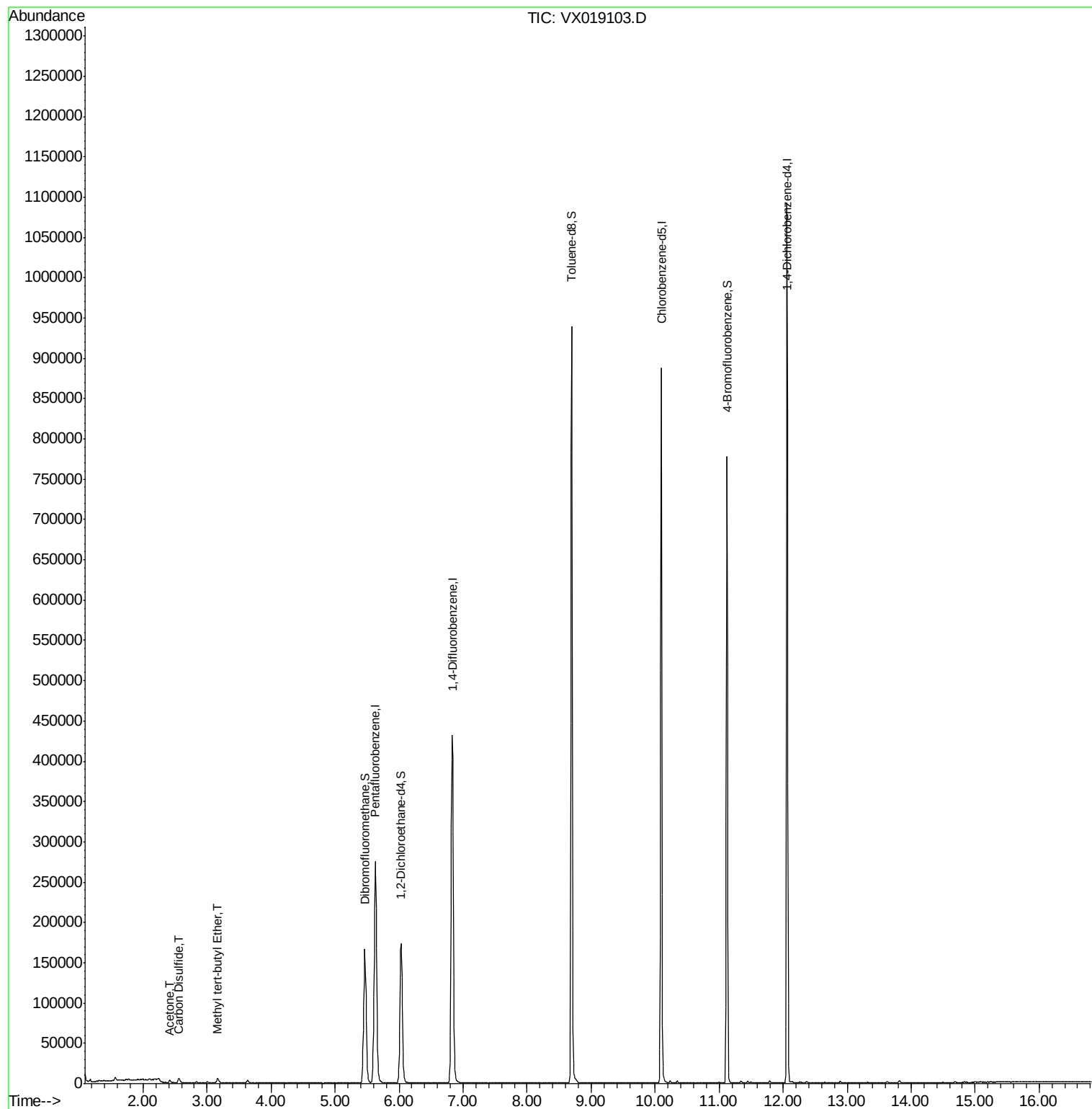
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	268683	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	464506	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	433913	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	223566	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	163918	50.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.86%	
35) Dibromofluoromethane	5.46	113	142783	48.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.10%	
50) Toluene-d8	8.70	98	569626	50.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.52%	
62) 4-Bromofluorobenzene	11.12	95	199317	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
Target Compounds						
16) Acetone	2.42	43	3316	3.025	ug/l	94
17) Carbon Disulfide	2.55	76	5407	0.717	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	6579	0.794	ug/l	97

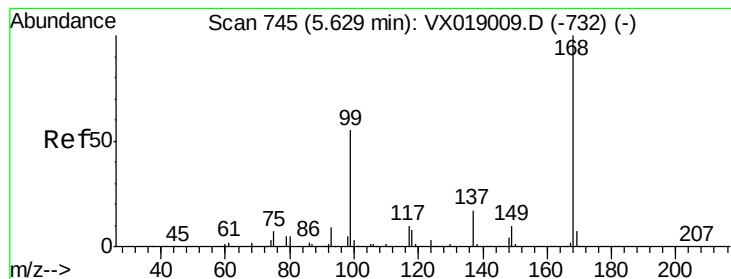
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX019103.D

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Instrument :

MSVOA_X

ClientSampleId :

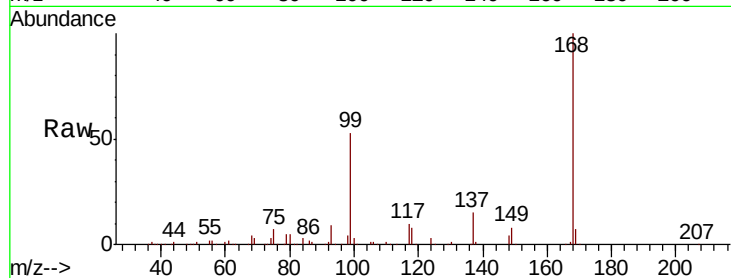
MW-6D

Tot Ion:168 Resp: 268683

Ion Ratio Lower Upper

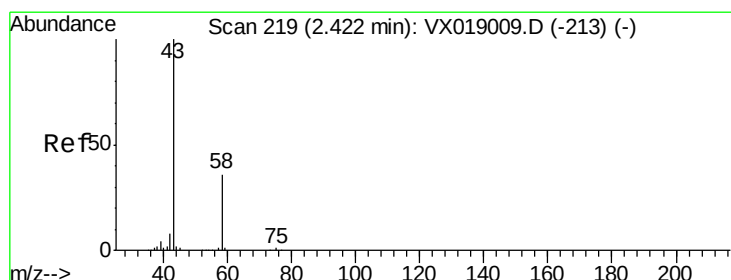
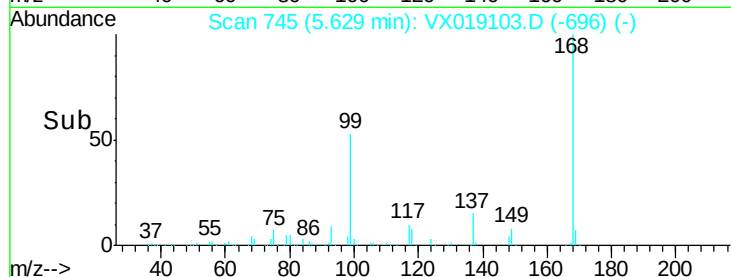
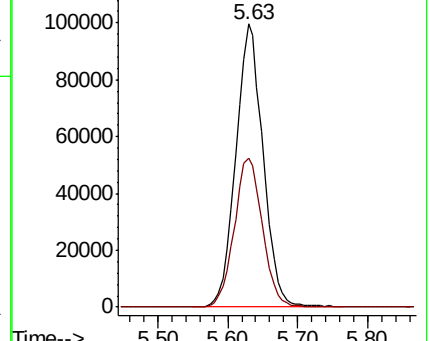
168 100

99 52.8 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 3.025 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019103.D

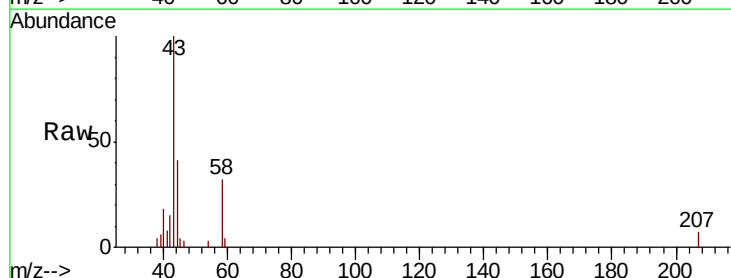
Acq: 24 Oct 2020 03:44

Tgt Ion: 43 Resp: 3316

Ion Ratio Lower Upper

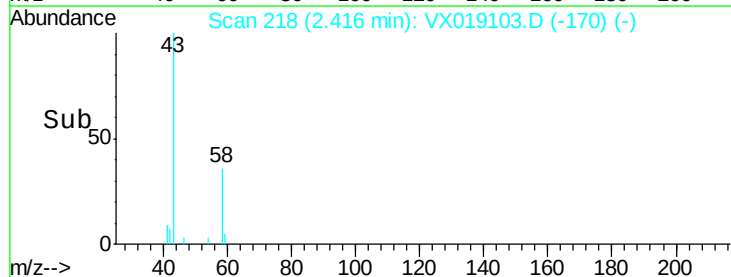
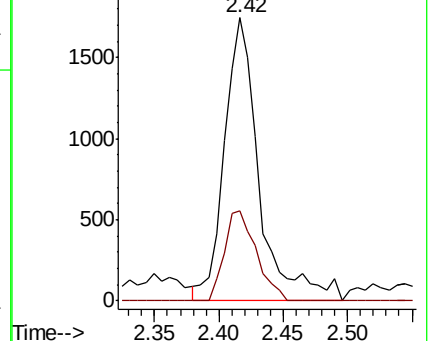
43 100

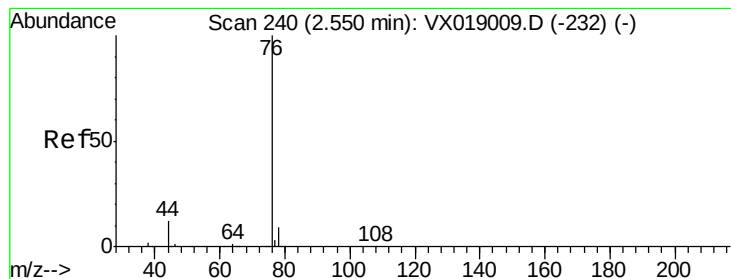
58 32.0 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.717 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019103.D

Acq: 24 Oct 2020 03:44

Instrument :

MSVOA_X

ClientSampleId :

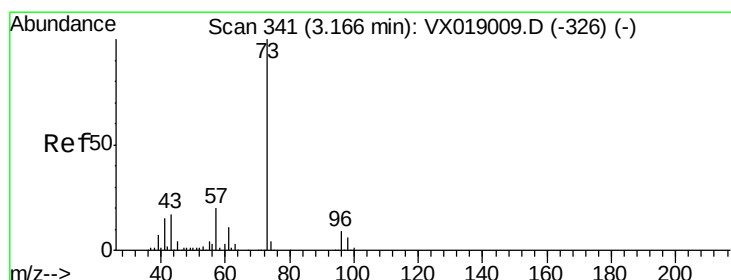
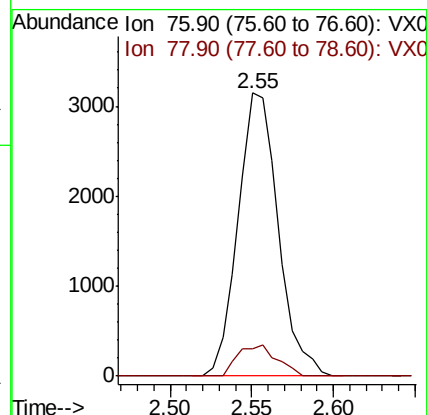
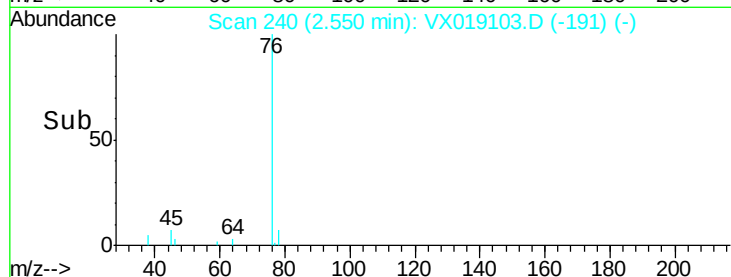
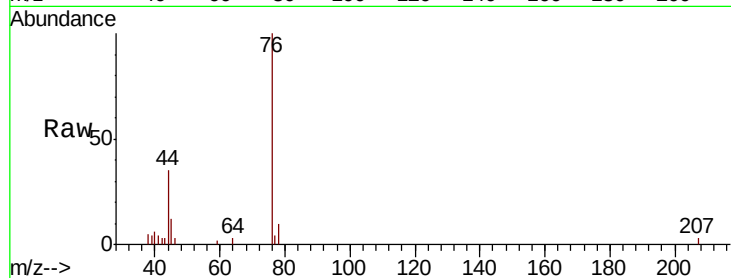
MW-6D

Tot Ion: 76 Resp: 5407

Ion Ratio Lower Upper

76 100

78 9.6 7.1 10.7



#19

Methyl tert-butyl Ether

Concen: 0.794 ug/l

RT: 3.17 min Scan# 341

Delta R.T. 0.00 min

Lab File: VX019103.D

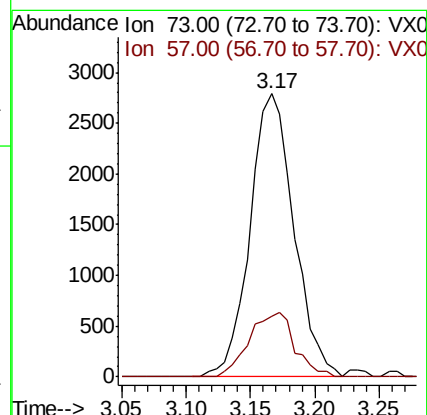
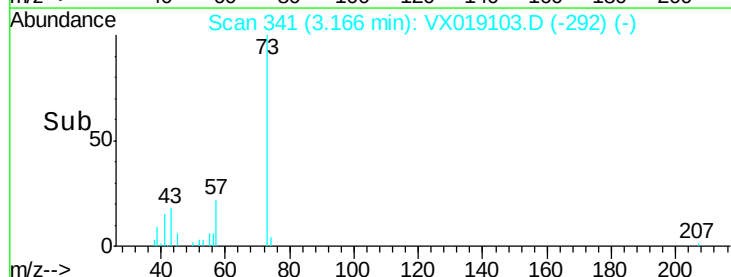
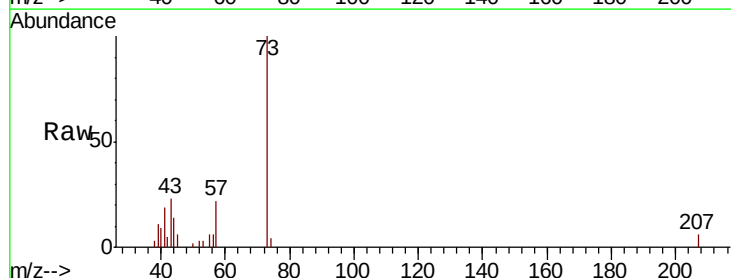
Acq: 24 Oct 2020 03:44

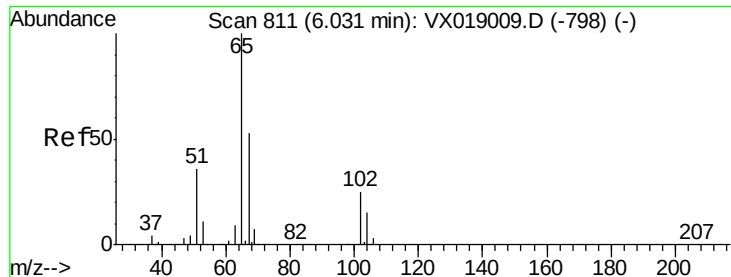
Tgt Ion: 73 Resp: 6579

Ion Ratio Lower Upper

73 100

57 21.6 16.2 24.2

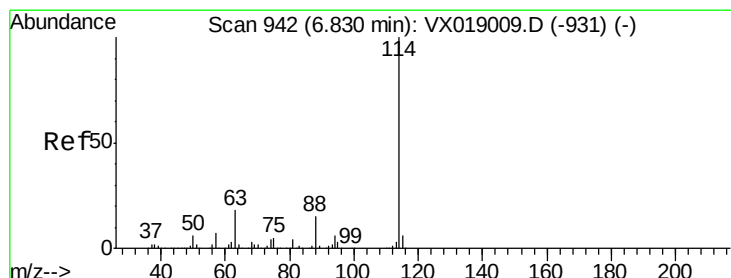
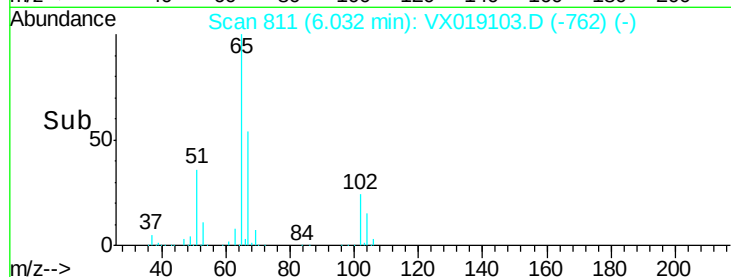
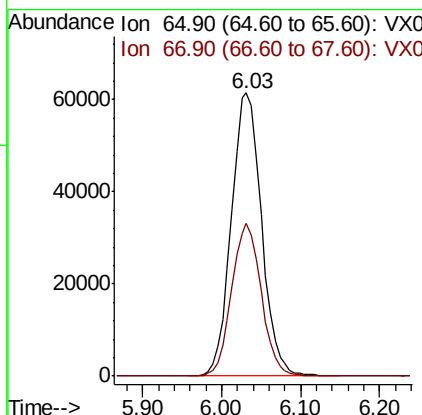
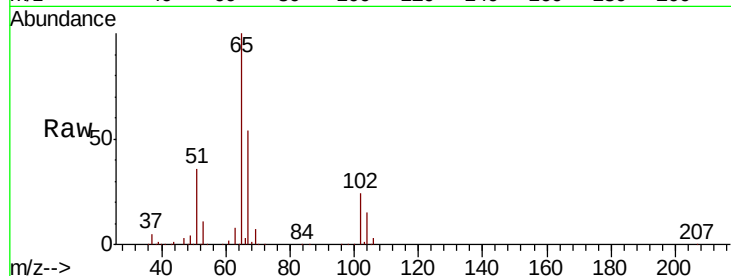




#33
 1,2-Dichloroethane-d4
 Concen: 50.932 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX019103.D
 Acq: 24 Oct 2020 03:44

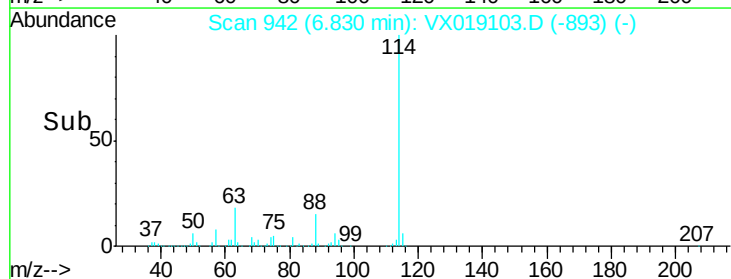
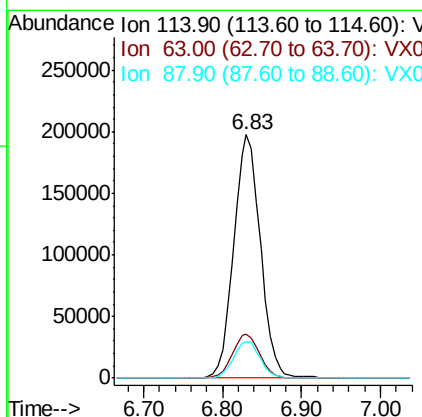
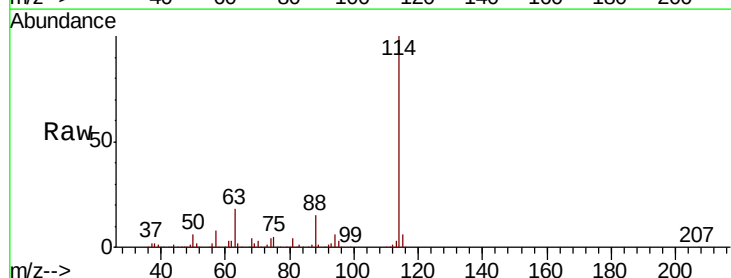
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6D

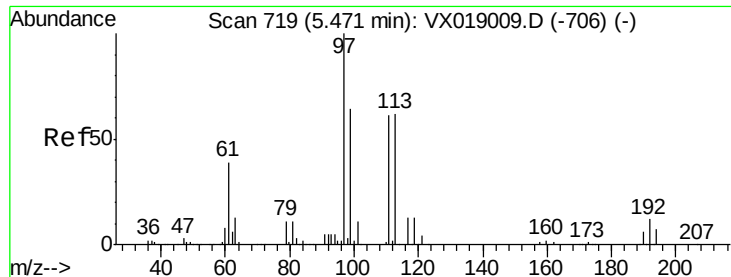
Tot Ion: 65 Resp: 163918
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 107.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: VX019103.D
 Acq: 24 Oct 2020 03:44

Tgt Ion: 114 Resp: 464506
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 36.8
 88 15.1 0.0 30.2

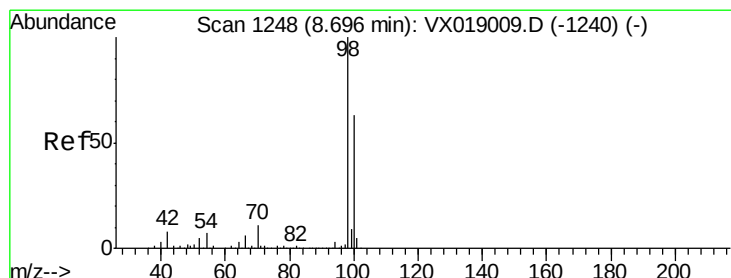
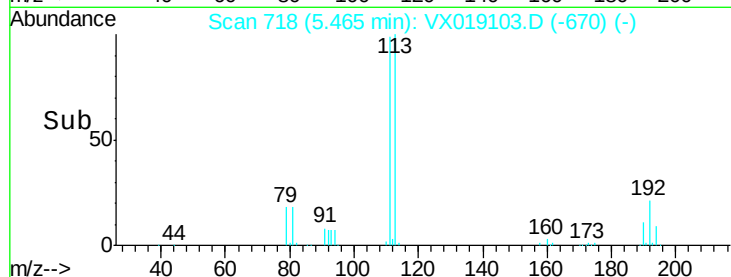
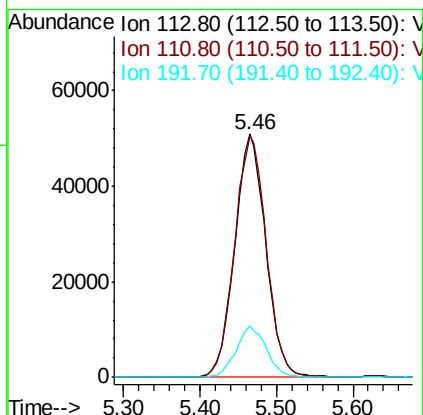
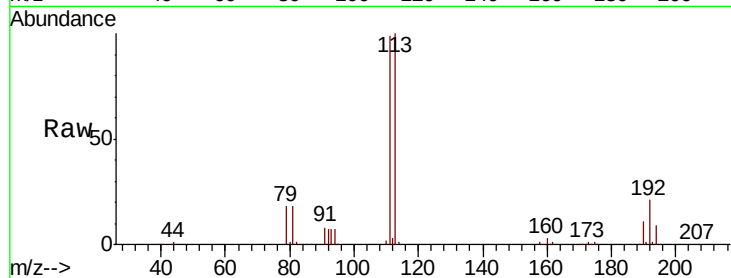




#35
 Dibromofluoromethane
 Concen: 48.550 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX019103.D
 Acq: 24 Oct 2020 03:44

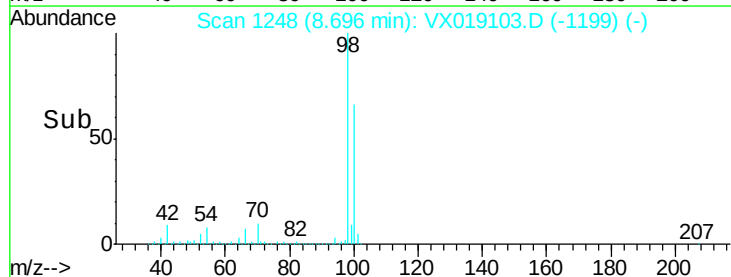
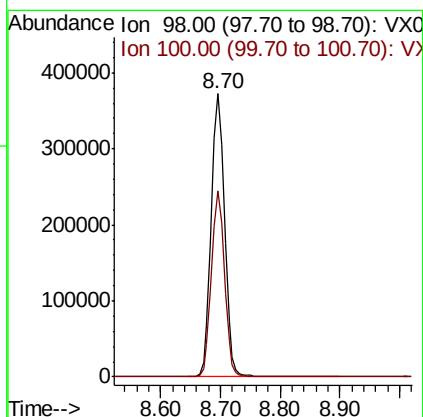
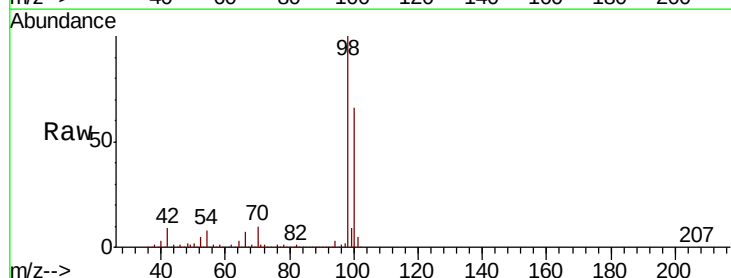
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6D

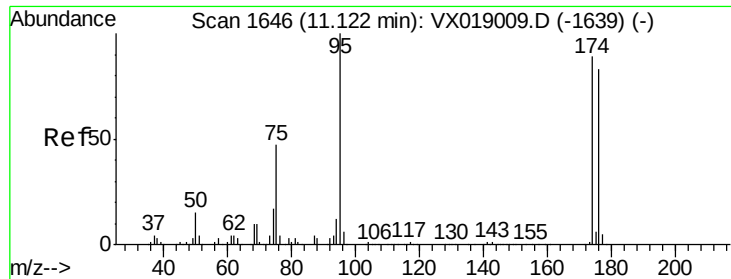
Tot Ion:113 Resp: 142783
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.5 122.3
 192 20.6 16.3 24.5



#50
 Toluene-d8
 Concen: 50.757 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: VX019103.D
 Acq: 24 Oct 2020 03:44

Tgt Ion: 98 Resp: 569626
 Ion Ratio Lower Upper
 98 100
 100 64.6 52.1 78.1

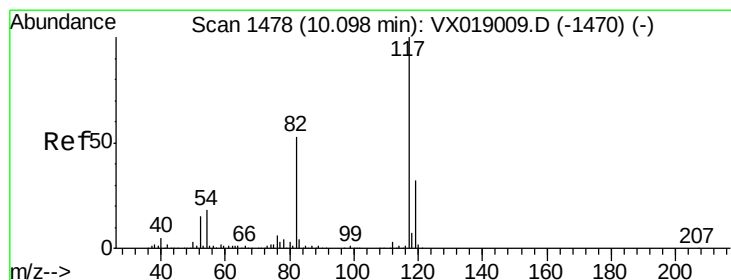
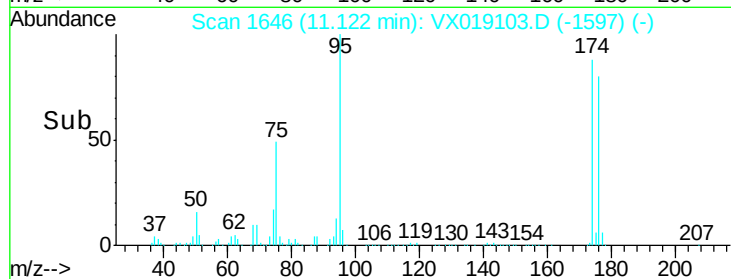
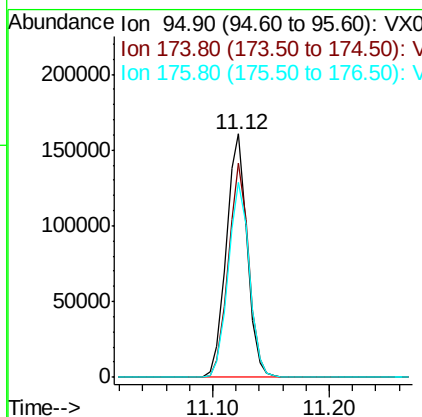
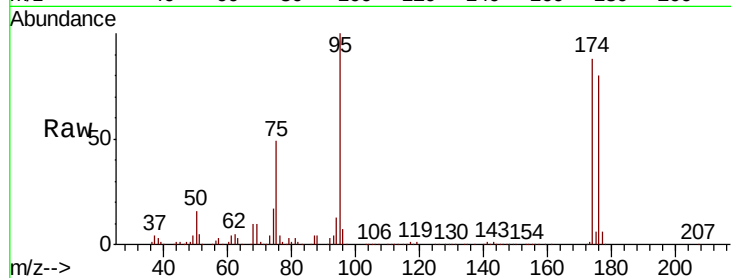




#62
4-Bromofluorobenzene
Concen: 49.930 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019103.D
Acq: 24 Oct 2020 03:44

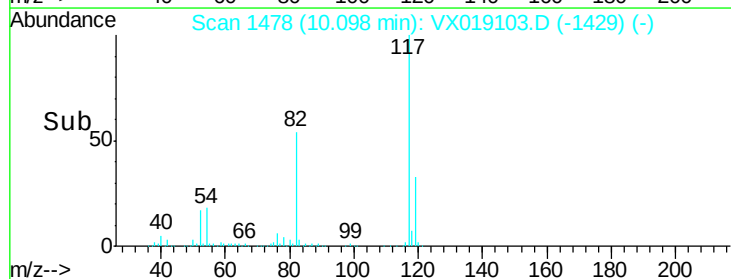
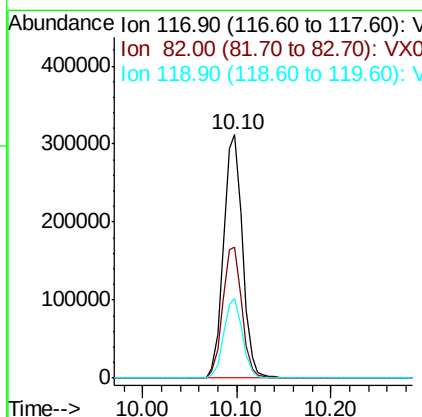
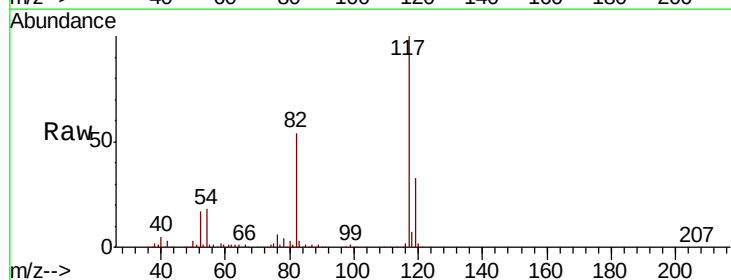
Instrument :
MSVOA_X
ClientSampleId :
MW-6D

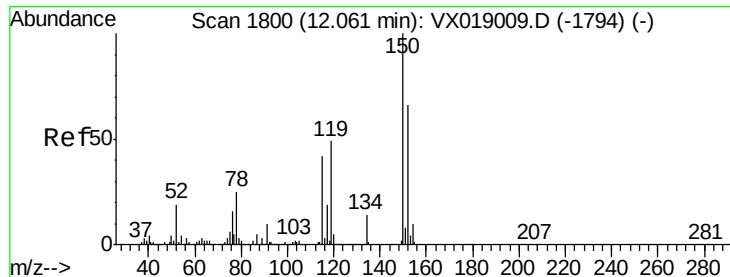
Tot Ion: 95 Resp: 199317
Ion Ratio Lower Upper
95 100
174 86.3 0.0 167.6
176 81.6 0.0 165.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019103.D
Acq: 24 Oct 2020 03:44

Tgt Ion: 117 Resp: 433913
Ion Ratio Lower Upper
117 100
82 53.6 42.4 63.6
119 32.7 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019103.D

Acq: 24 Oct 2020 03:44

Instrument :

MSVOA_X

ClientSampleId :

MW-6D

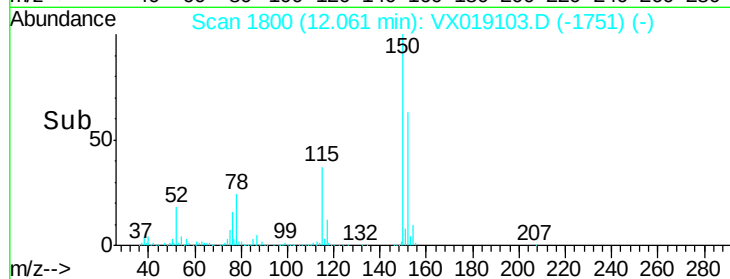
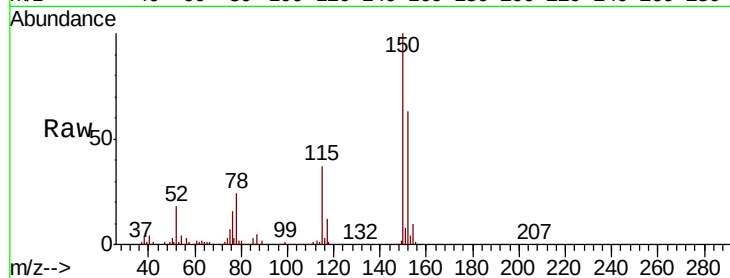
Tot Ion:152 Resp: 223566

Ion Ratio Lower Upper

152 100

115 57.6 40.8 122.5

150 157.1 0.0 345.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

