

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052219\
 Data File : VX009813.D
 Acq On : 22 May 2019 18:41
 Operator : JC/SP
 Sample : K2970-17
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-10

Quant Time: May 23 08:17:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

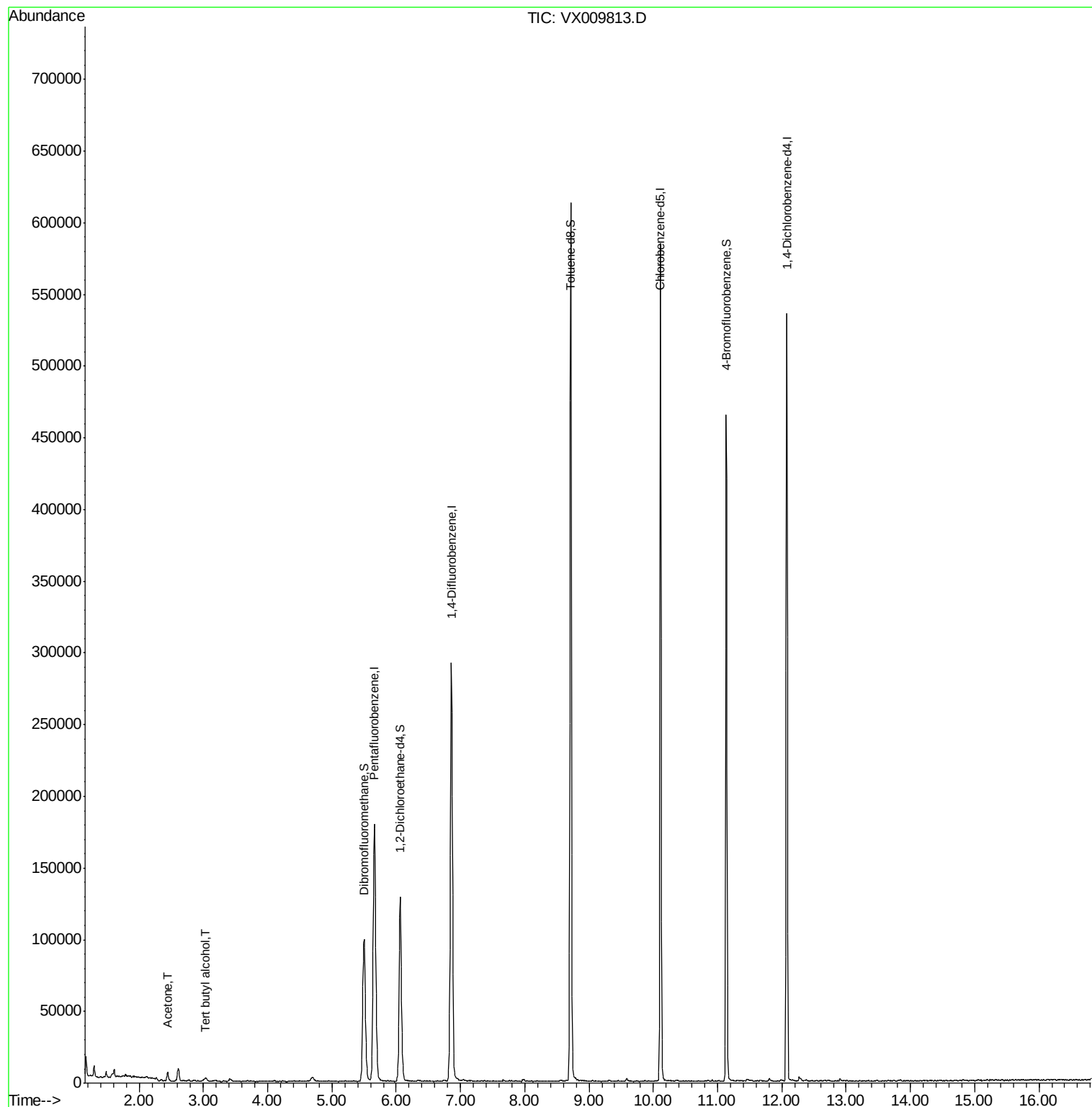
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	174269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	280408	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	250651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	110781	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	118929	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
35) Dibromofluoromethane	5.50	113	85213	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
50) Toluene-d8	8.71	98	354684	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.68%	
62) 4-Bromofluorobenzene	11.13	95	121520	46.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.98%	
Target Compounds						
11) Tert butyl alcohol	3.04	59	2932	5.324	ug/l #	84
16) Acetone	2.45	43	6960	5.448	ug/l	96

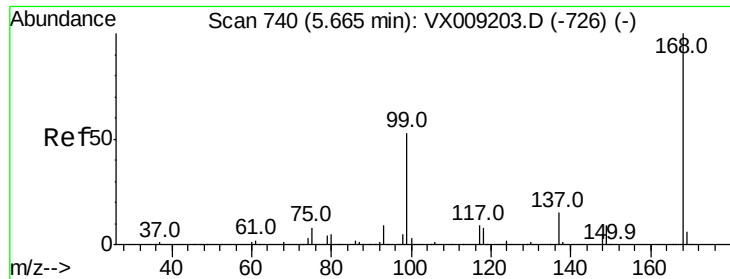
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009813.D

Acq: 22 May 2019 18:41

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MSVOA_X

ClientSampleId :

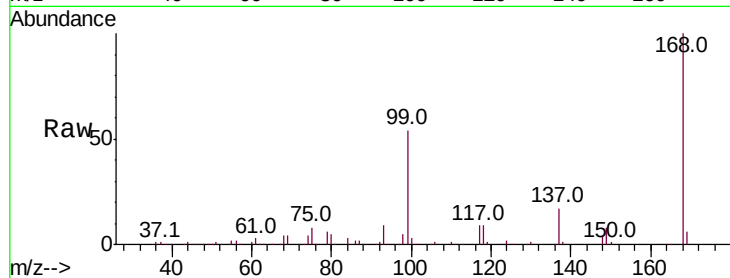
TP-10

Tot Ion:168 Resp: 174269

Ion Ratio Lower Upper

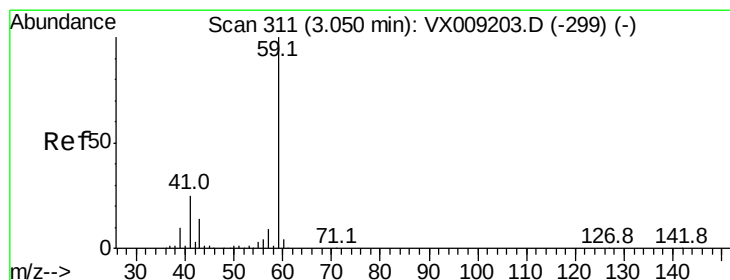
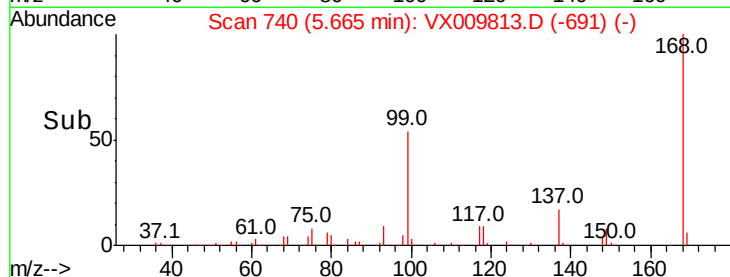
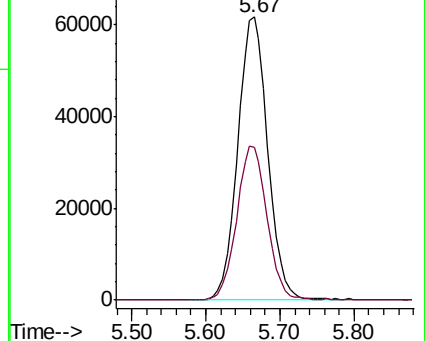
168 100

99 54.2 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 5.324 ug/l

RT: 3.04 min Scan# 309

Delta R.T. -0.01 min

Lab File: VX009813.D

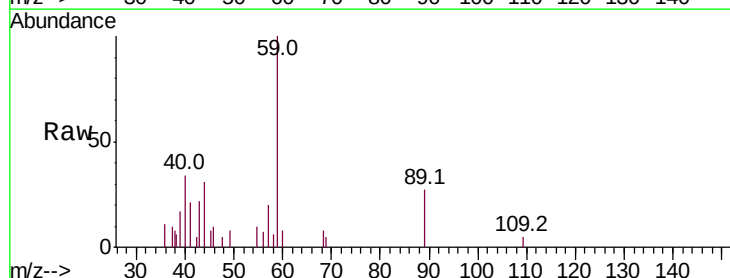
Acq: 22 May 2019 18:41

Tgt Ion: 59 Resp: 2932

Ion Ratio Lower Upper

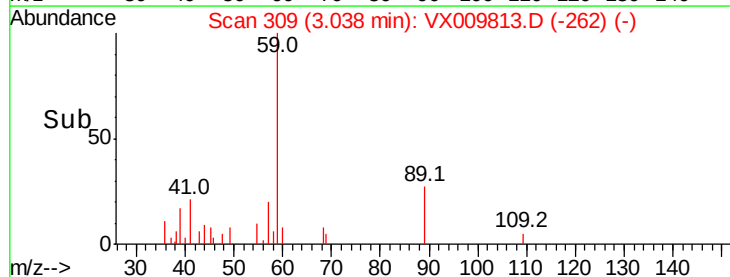
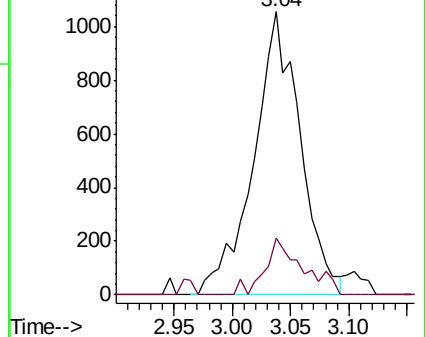
59 100

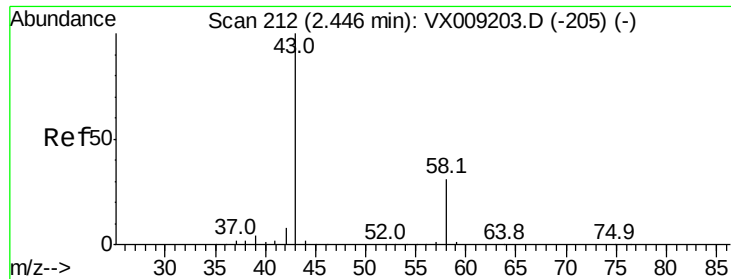
57 16.2 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

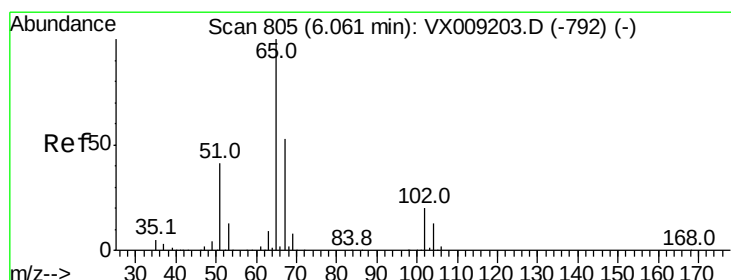
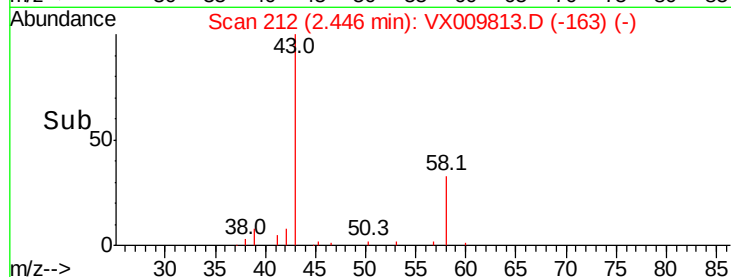
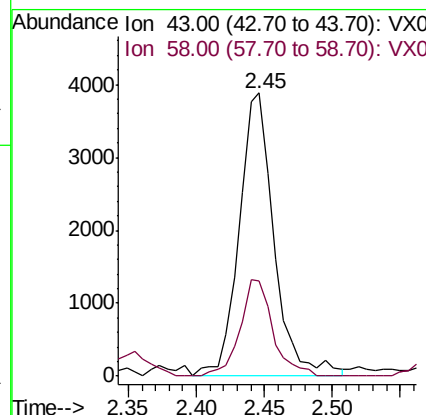
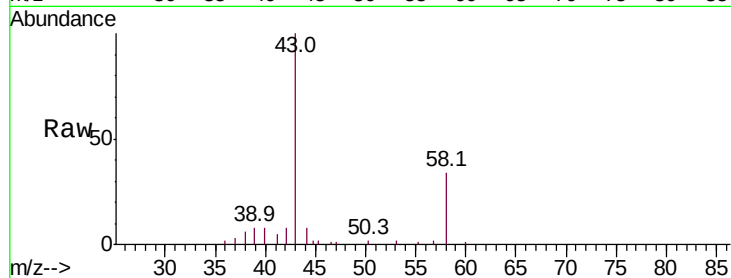




#16
Acetone
Concen: 5.448 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX009813.D
Acq: 22 May 2019 18:41

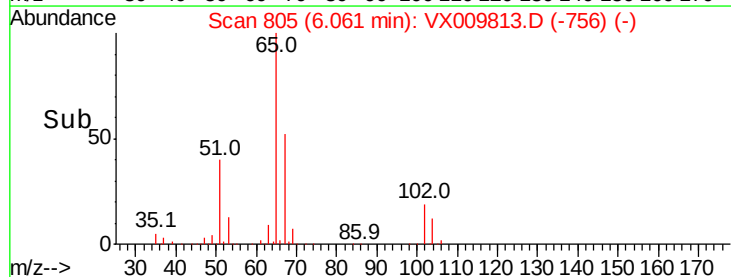
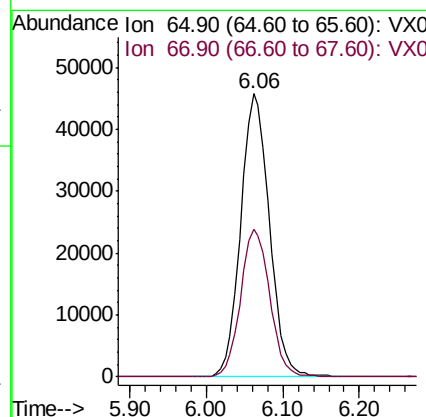
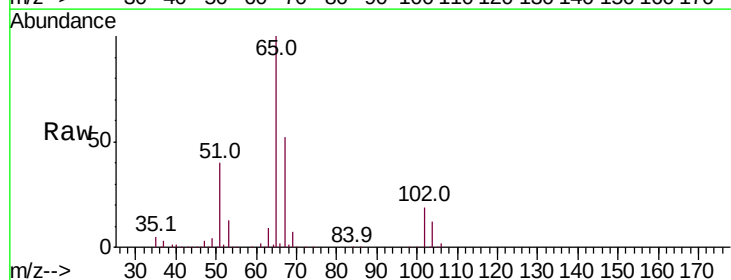
Instrument :
MSVOA_X
ClientSampleId :
TP-10

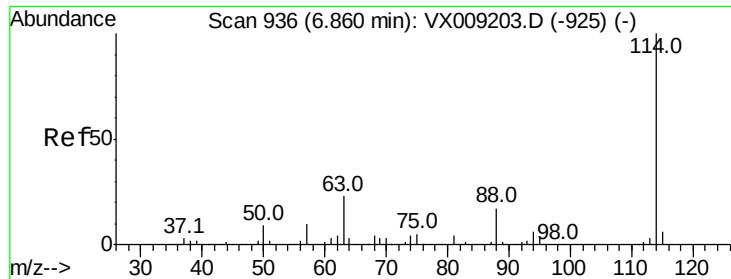
Tot Ion: 43 Resp: 6960
Ion Ratio Lower Upper
43 100
58 33.5 24.9 37.3



#33
1,2-Dichloroethane-d4
Concen: 49.992 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.00 min
Lab File: VX009813.D
Acq: 22 May 2019 18:41

Tgt Ion: 65 Resp: 118929
Ion Ratio Lower Upper
65 100
67 53.1 0.0 106.6

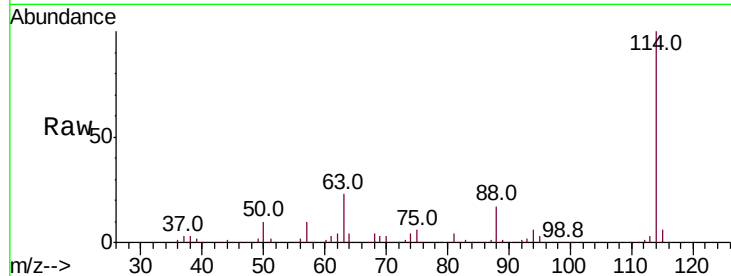




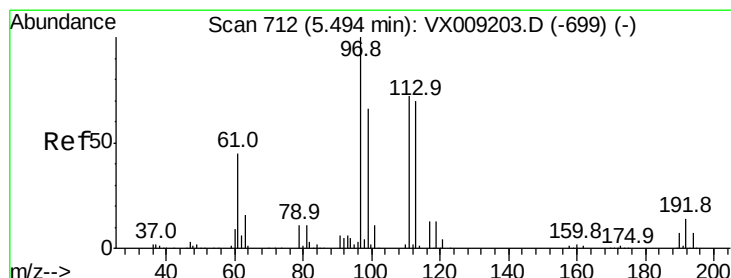
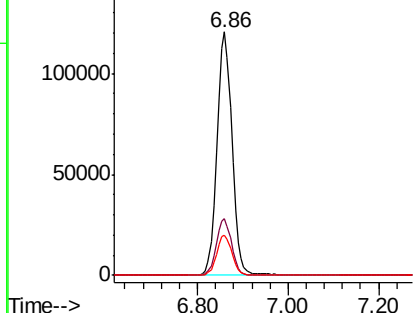
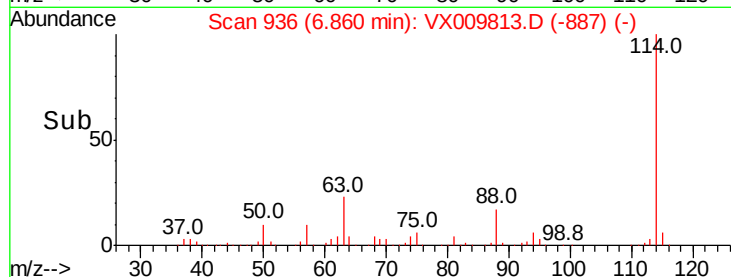
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009813.D
 Acq: 22 May 2019 18:41

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-10

Tot Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	45.6
88	16.6	0.0	33.2

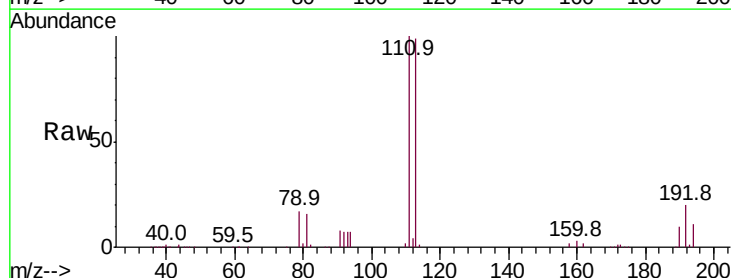


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

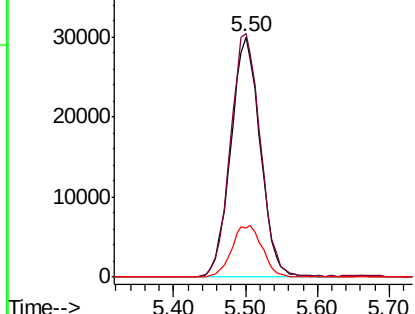
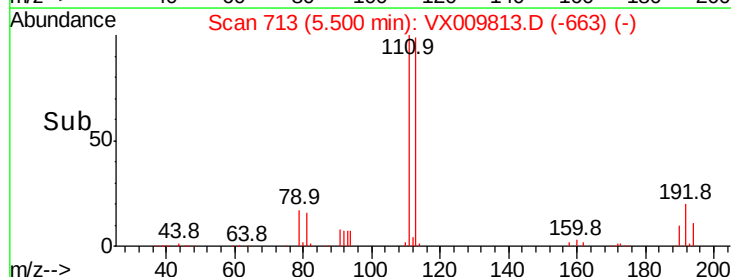


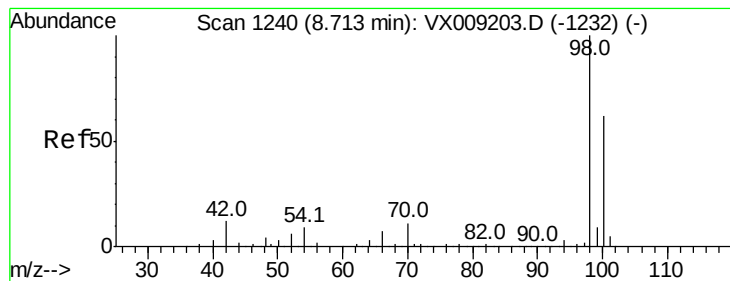
#35
 Dibromofluoromethane
 Concen: 48.341 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009813.D
 Acq: 22 May 2019 18:41

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.8	124.2
192	22.3	17.0	25.6



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.838 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009813.D

Acq: 22 May 2019 18:41

Instrument :

MSVOA_X

ClientSampled :

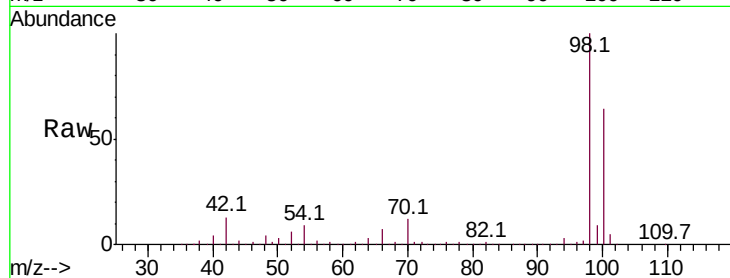
TP-10

Tot Ion: 98 Resp: 354684

Ion Ratio Lower Upper

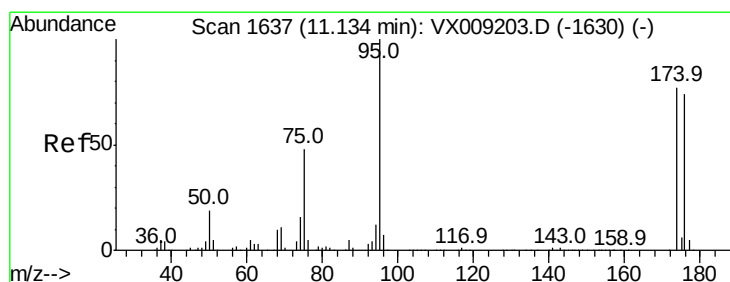
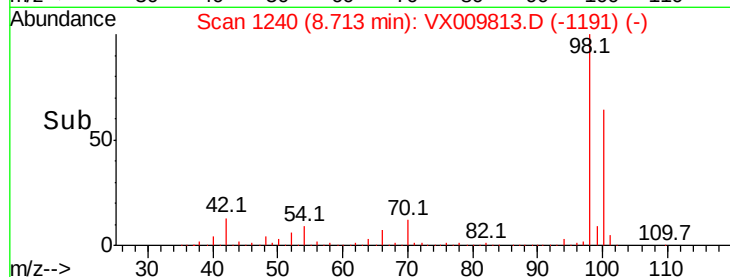
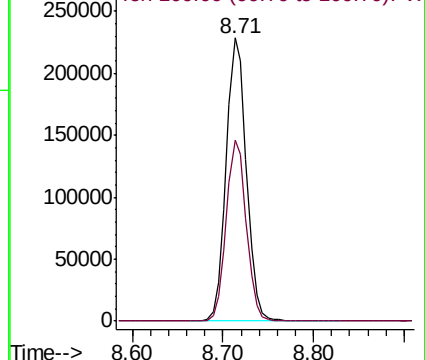
98 100

100 64.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 46.993 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009813.D

Acq: 22 May 2019 18:41

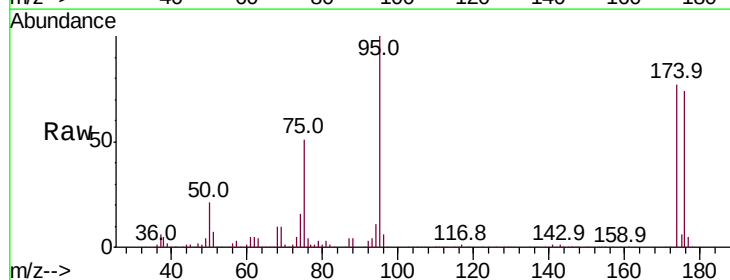
Tgt Ion: 95 Resp: 121520

Ion Ratio Lower Upper

95 100

174 82.0 0.0 161.6

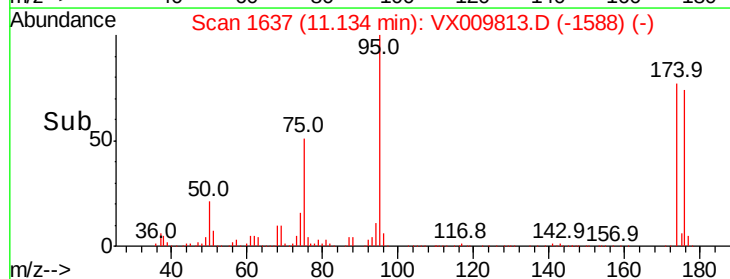
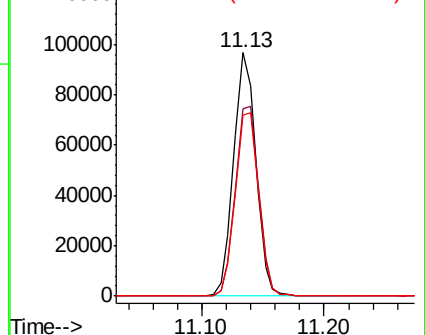
176 79.0 0.0 159.2

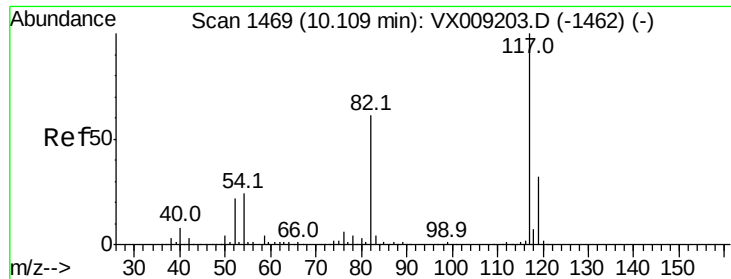


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

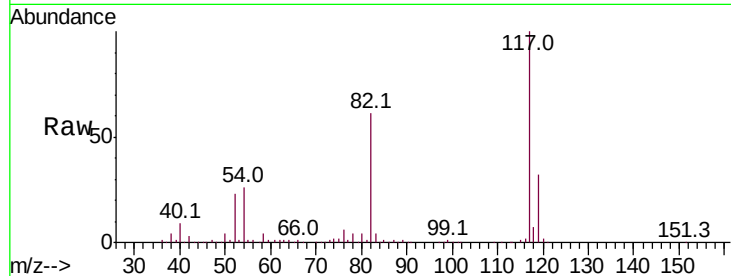




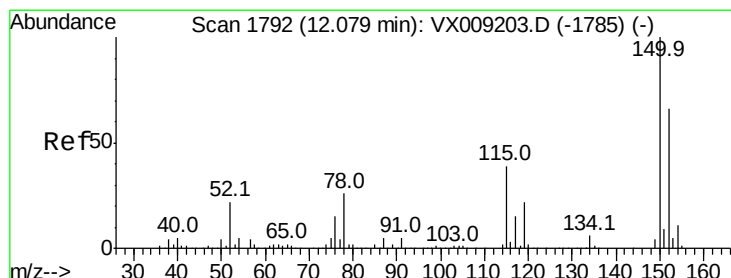
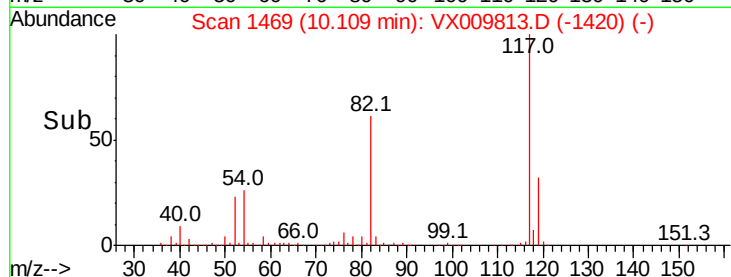
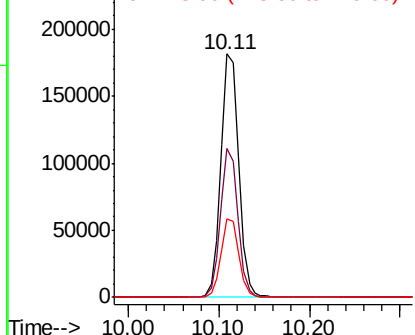
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009813.D
Acq: 22 May 2019 18:41

Instrument :
MSVOA_X
ClientSampled :
TP-10

Tot Ion:117 Resp: 250651
Ion Ratio Lower Upper
117 100
82 61.1 48.8 73.2
119 32.2 25.8 38.6

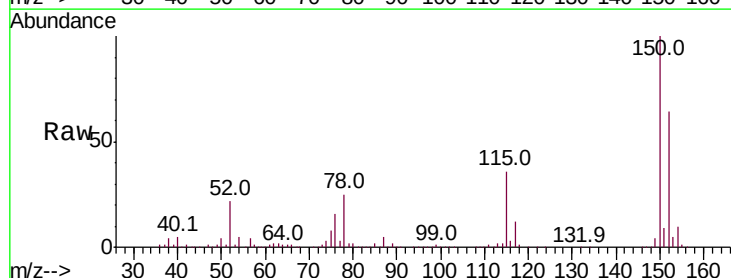


Abundance Ion 116.90 (116.60 to 117.60): V
250000
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX009813.D
Acq: 22 May 2019 18:41

Tgt Ion:152 Resp: 110781
Ion Ratio Lower Upper
152 100
115 57.8 41.2 123.6
150 156.2 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
150000
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

