

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091518\
 Data File : VX004591.D
 Acq On : 15 Sep 2018 18:14
 Operator : JC/MD
 Sample : J4922-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5

Quant Time: Sep 17 08:52:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	233817	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	319252	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	302871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	169724	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	141491	46.93	ug/l	0.00
Spiked Amount			Recovery	=	93.86%	
35) Dibromofluoromethane	5.50	113	136229	46.63	ug/l	0.00
Spiked Amount			Recovery	=	93.26%	
50) Toluene-d8	8.72	98	456705	46.62	ug/l	0.00
Spiked Amount			Recovery	=	93.24%	
62) 4-Bromofluorobenzene	11.14	95	158990	45.46	ug/l	0.00
Spiked Amount			Recovery	=	90.92%	

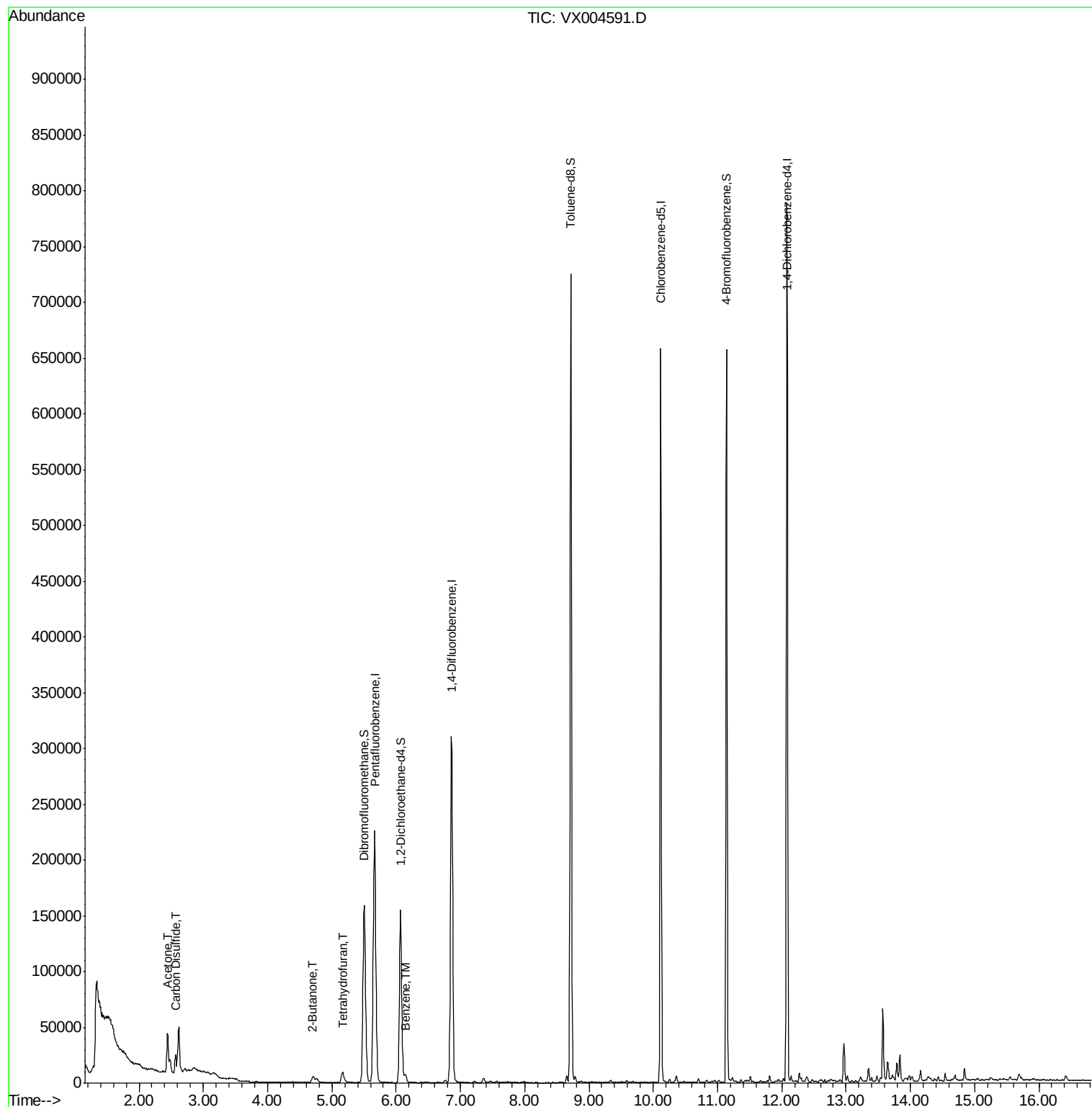
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.44	43	36752	24.98	ug/l	92
17) Carbon Disulfide	2.57	76	22412	3.17	ug/l	96
25) 2-Butanone	4.70	43	10267	4.38	ug/l	91
29) Tetrahydrofuran	5.17	42	8045	5.70	ug/l	96
40) Benzene	6.15	78	7839	0.68	ug/l	98

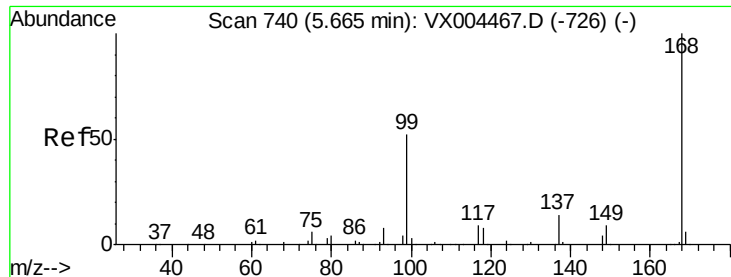
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX004591.D

Acq: 15 Sep 2018 18:14

Instrument :

MSVOA_X

ClientSampleId :

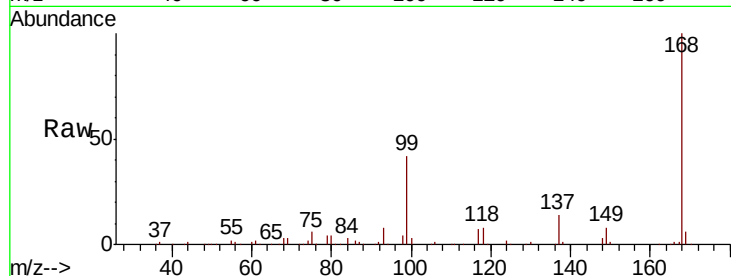
MW-5

Tot Ion:168 Resp: 233817

Ion Ratio Lower Upper

168 100

99 41.8 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

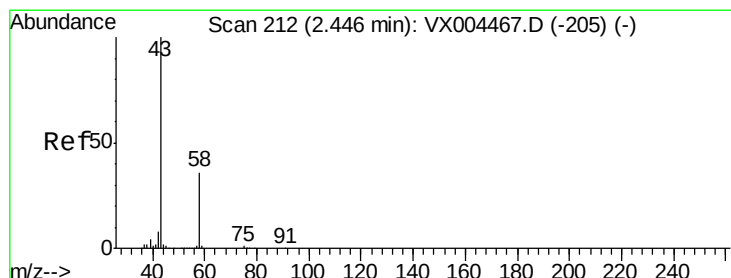
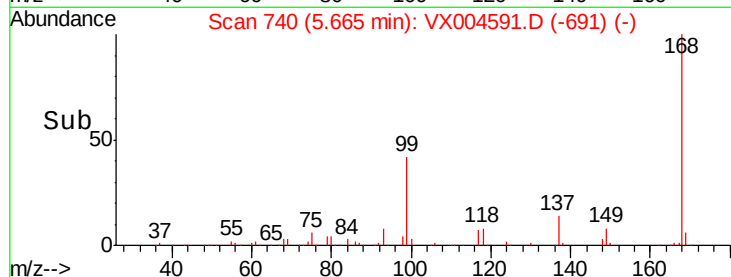
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 24.98 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX004591.D

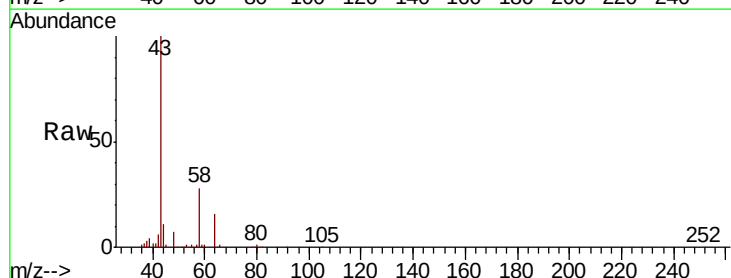
Acq: 15 Sep 2018 18:14

Tgt Ion: 43 Resp: 36752

Ion Ratio Lower Upper

43 100

58 28.2 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

25000

20000

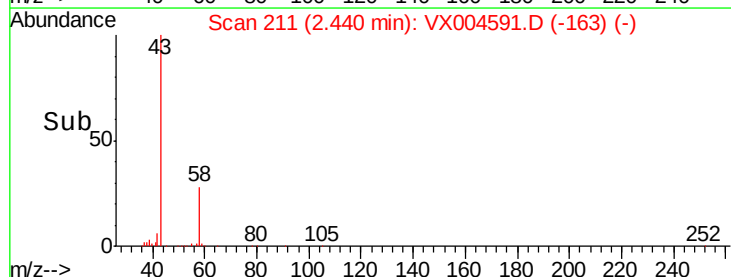
15000

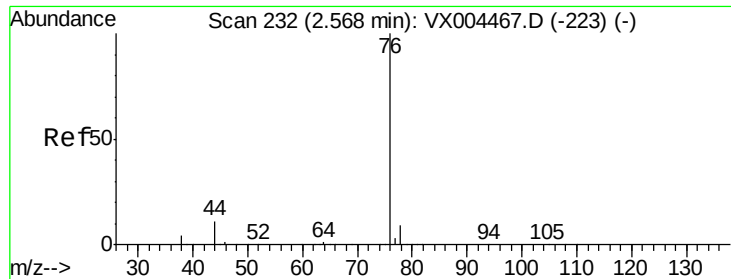
10000

5000

0

Time--> 2.35 2.40 2.45 2.50





#17

Carbon Disulfide

Concen: 3.17 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX004591.D

Acq: 15 Sep 2018 18:14

Instrument :

MSVOA_X

ClientSampleId :

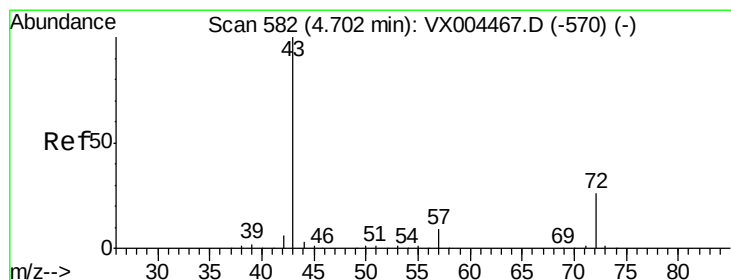
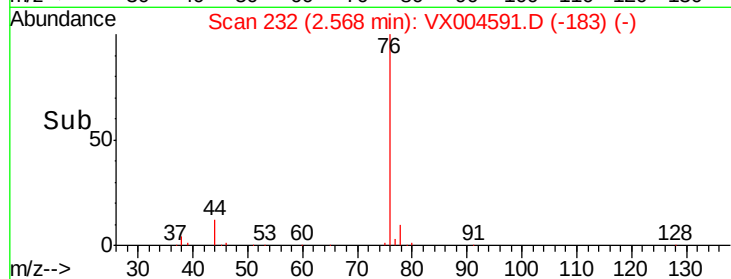
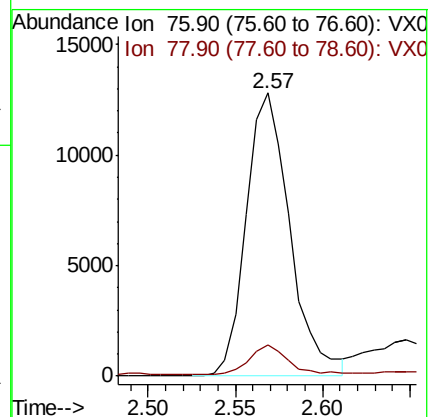
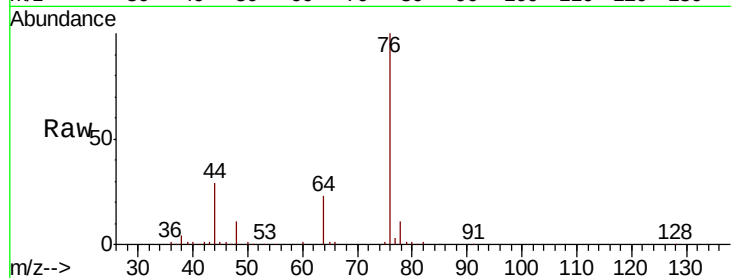
MW-5

Tot Ion: 76 Resp: 22412

Ion Ratio Lower Upper

76 100

78 10.3 7.0 10.6



#25

2-Butanone

Concen: 4.38 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX004591.D

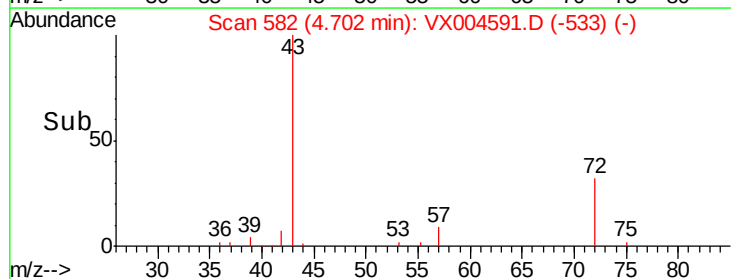
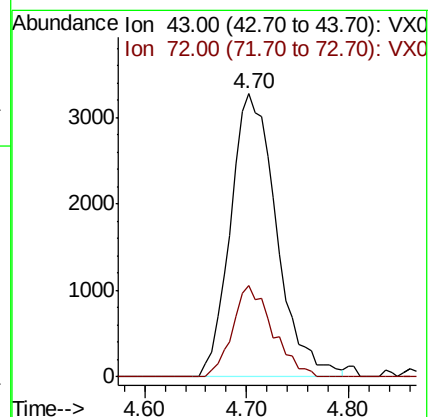
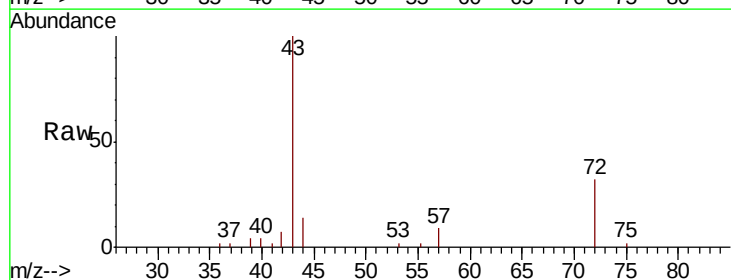
Acq: 15 Sep 2018 18:14

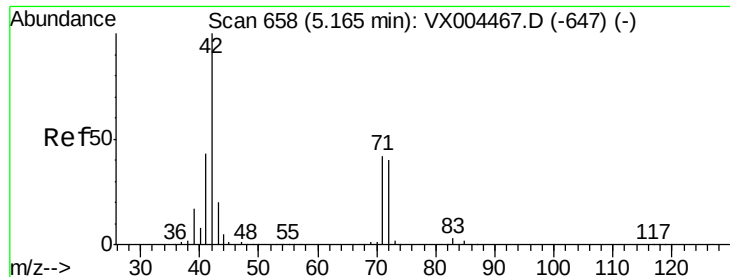
Tgt Ion: 43 Resp: 10267

Ion Ratio Lower Upper

43 100

72 32.2 22.0 33.0





#29

Tetrahydrofuran

Concen: 5.70 ug/l

RT: 5.17 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX004591.D

Acq: 15 Sep 2018 18:14

Instrument :

MSVOA_X

ClientSampled :

MW-5

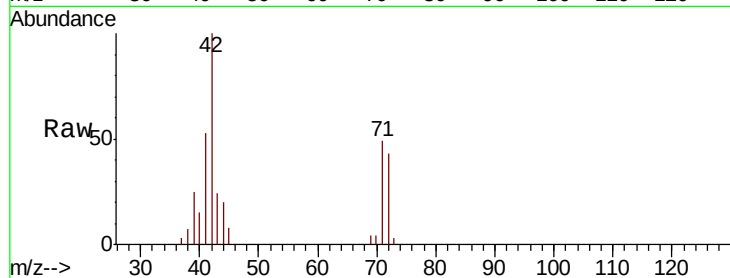
Tot Ion: 42 Resp: 8045

Ion Ratio Lower Upper

42 100

72 42.9 37.4 56.0

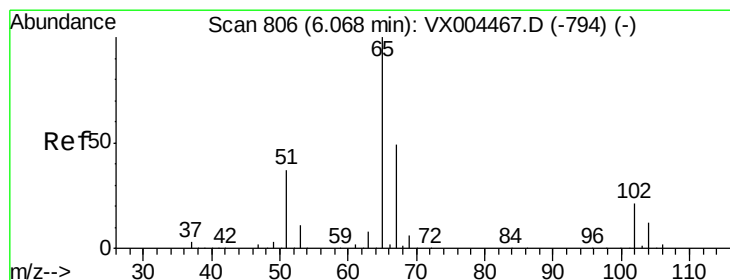
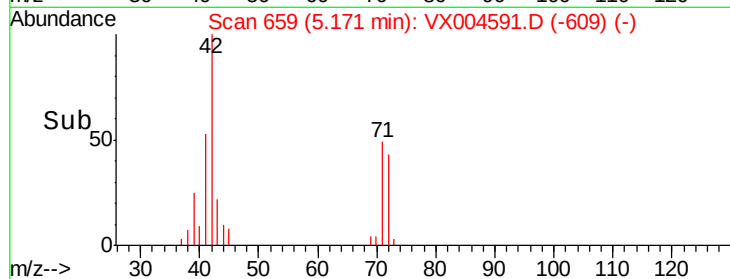
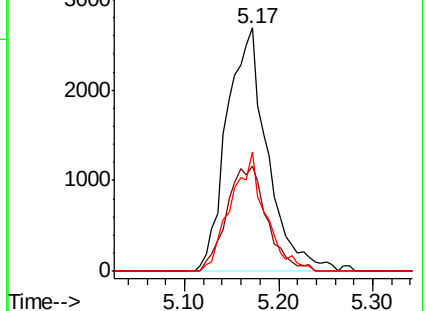
71 41.8 34.5 51.7



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 46.93 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004591.D

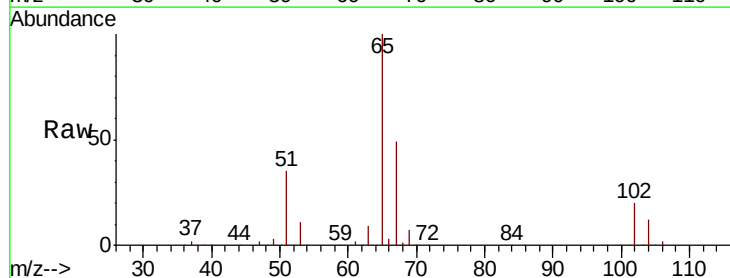
Acq: 15 Sep 2018 18:14

Tgt Ion: 65 Resp: 141491

Ion Ratio Lower Upper

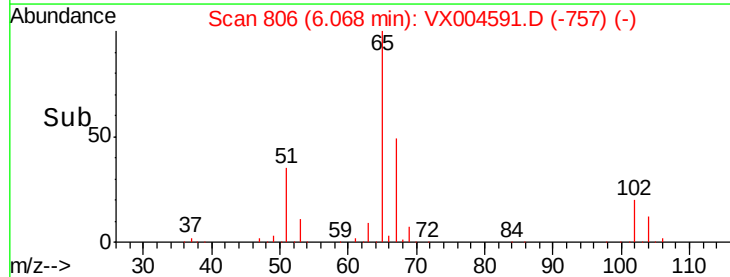
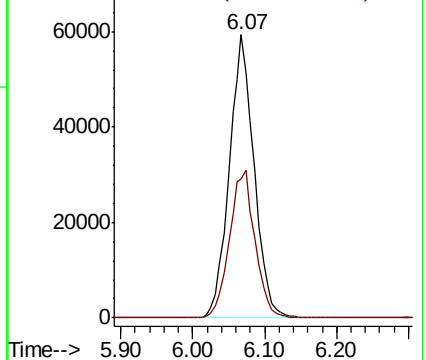
65 100

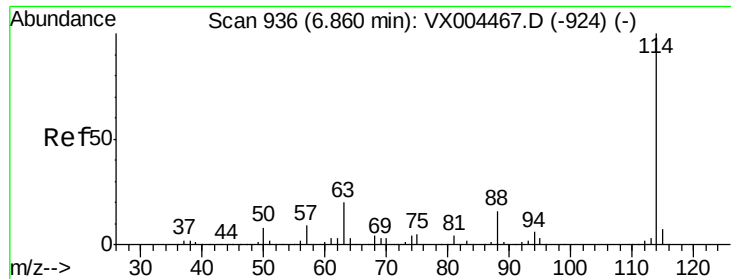
67 53.7 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

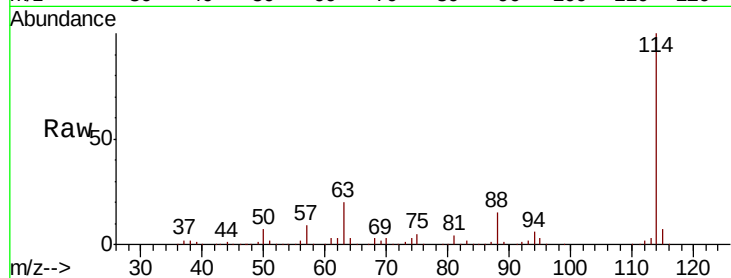




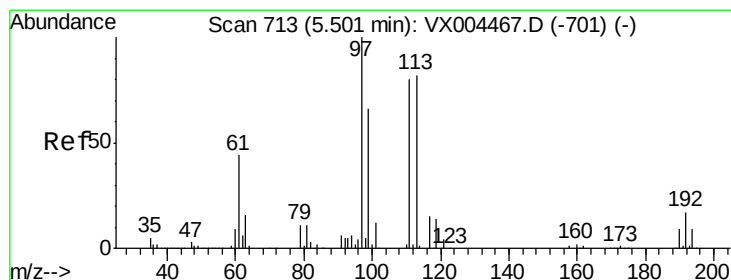
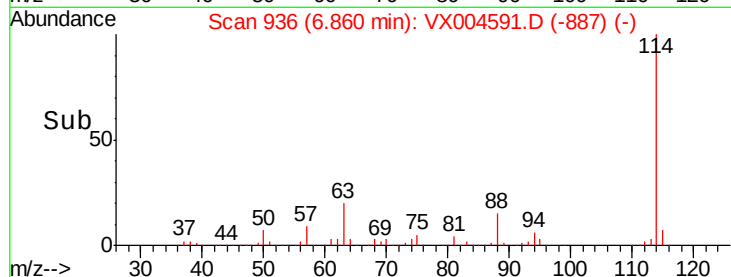
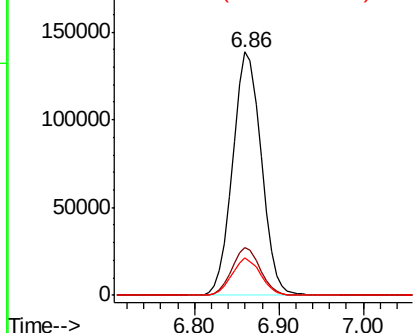
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.86 min Scan# 936
Delta R.T. 0.00 min
Lab File: VX004591.D
Acq: 15 Sep 2018 18:14

Instrument :
MSVOA_X
ClientSampleId :
MW-5

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	39.0
88	15.2	0.0	30.4

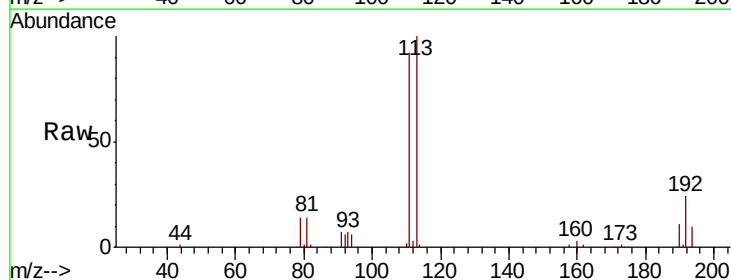


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

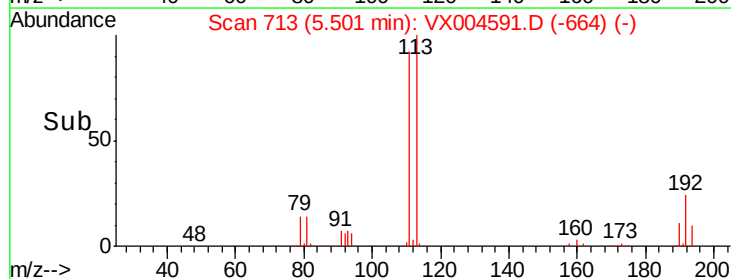
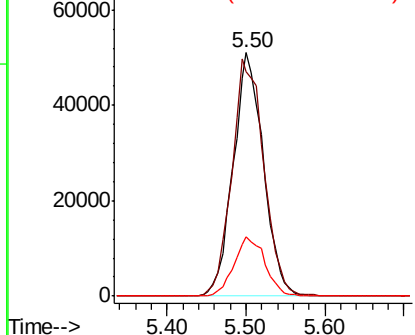


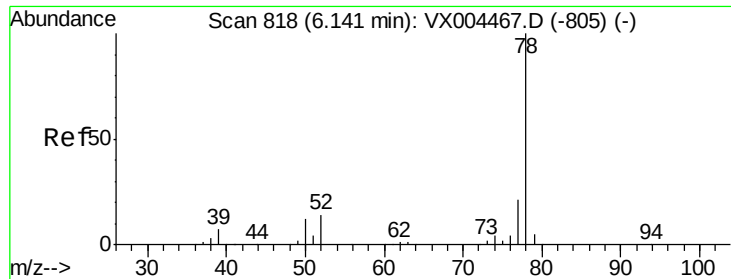
#35
Dibromofluoromethane
Concen: 46.63 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX004591.D
Acq: 15 Sep 2018 18:14

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.6	82.4	123.6
192	24.8	19.4	29.2



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

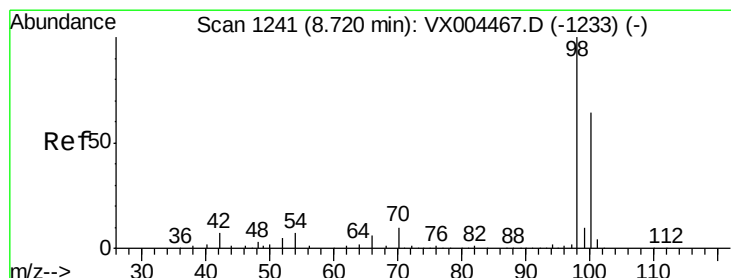
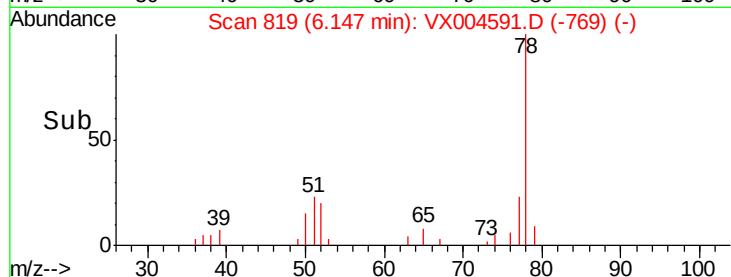
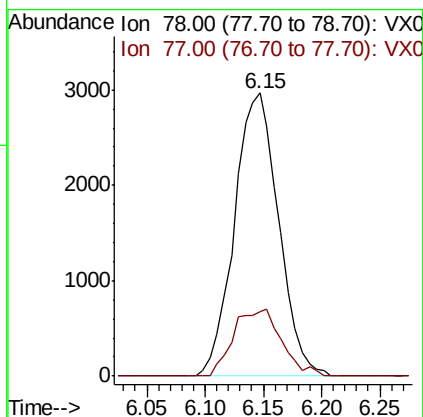
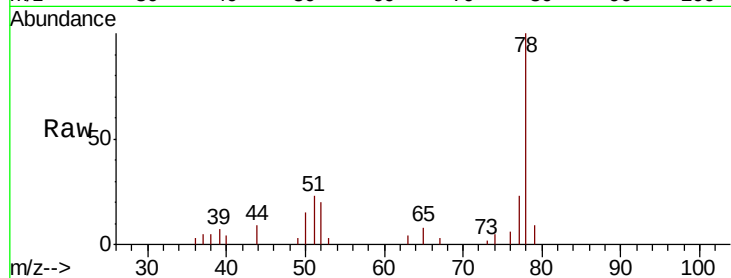




#40
Benzene
Concen: 0.68 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX004591.D
Acq: 15 Sep 2018 18:14

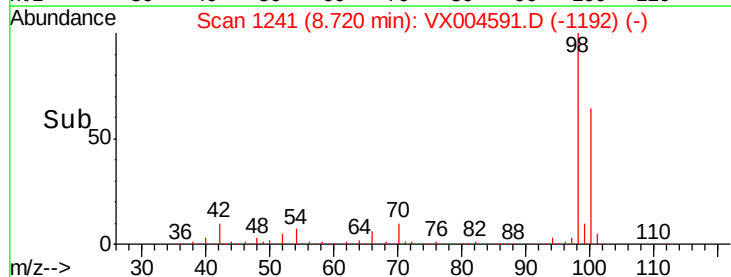
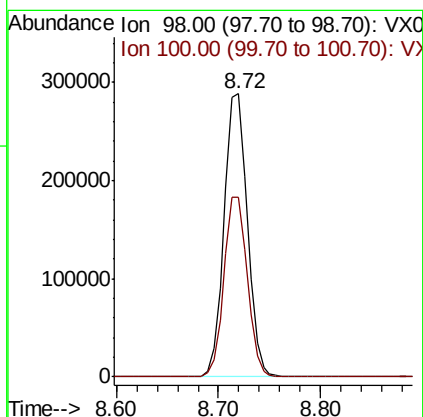
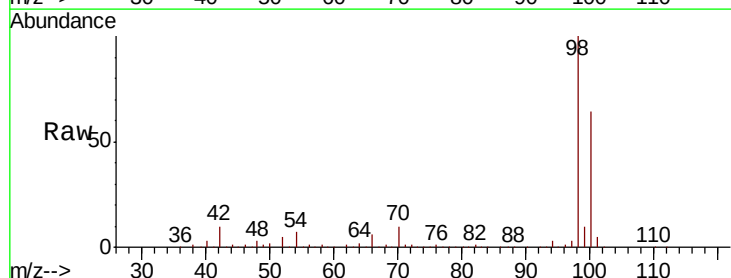
Instrument :
MSVOA_X
ClientSampleId :
MW-5

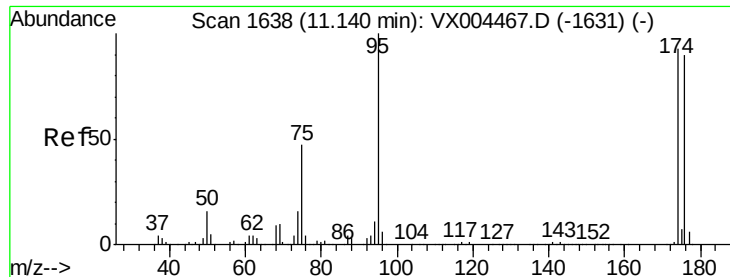
Tot Ion: 78 Resp: 7839
Ion Ratio Lower Upper
78 100
77 22.6 19.0 28.4



#50
Toluene-d8
Concen: 46.62 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004591.D
Acq: 15 Sep 2018 18:14

Tgt Ion: 98 Resp: 456705
Ion Ratio Lower Upper
98 100
100 63.8 52.9 79.3

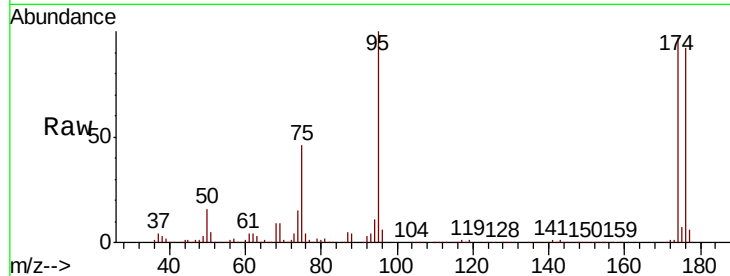




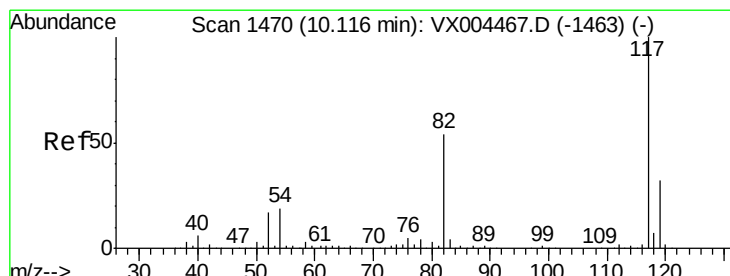
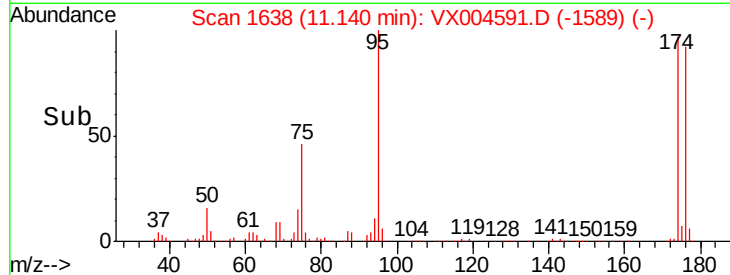
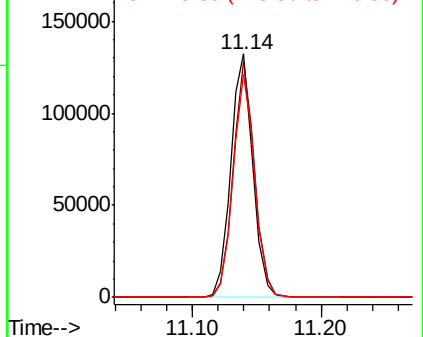
#62
4-Bromofluorobenzene
Concen: 45.46 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004591.D
Acq: 15 Sep 2018 18:14

Instrument :
MSVOA_X
ClientSampleId :
MW-5

Tot Ion: 95 Resp: 158990
Ion Ratio Lower Upper
95 100
174 94.1 0.0 185.2
176 89.9 0.0 178.6

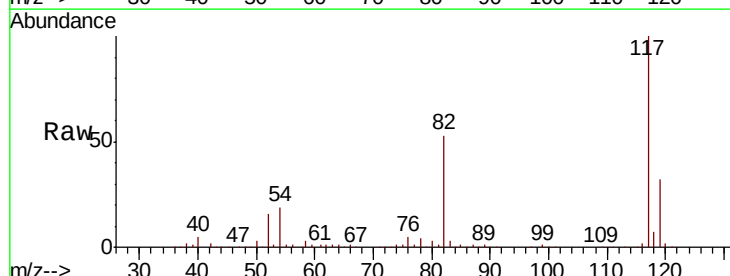


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

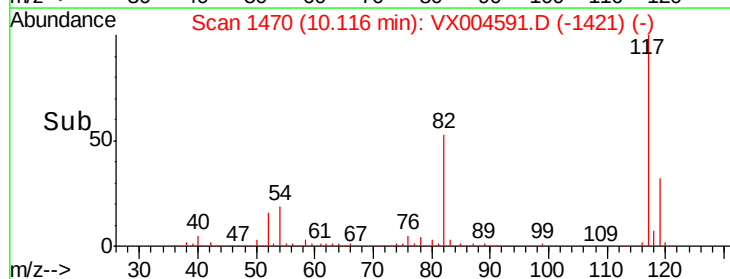
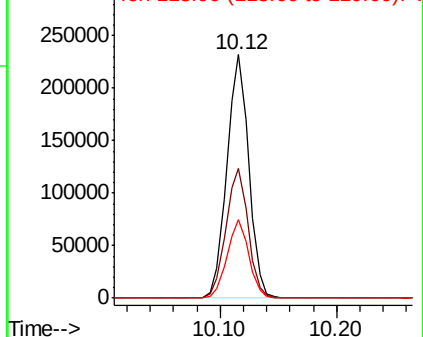


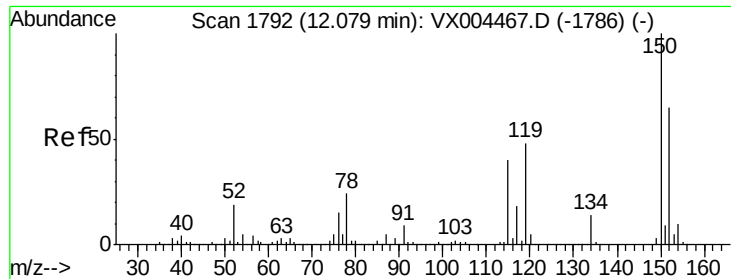
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004591.D
Acq: 15 Sep 2018 18:14

Tgt Ion: 117 Resp: 302871
Ion Ratio Lower Upper
117 100
82 53.5 47.8 71.6
119 32.2 29.3 43.9



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





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX004591.D
 Acq: 15 Sep 2018 18:14

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5

Tot Ion	Ratio	Lower	Upper
152	100		
115	54.7	39.0	117.0
150	156.7	0.0	351.0

