

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010319\
 Data File : VX006894.D
 Acq On : 03 Jan 2019 14:59
 Operator : JC/MD
 Sample : K1017-25
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-5

Quant Time: Jan 04 01:07:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

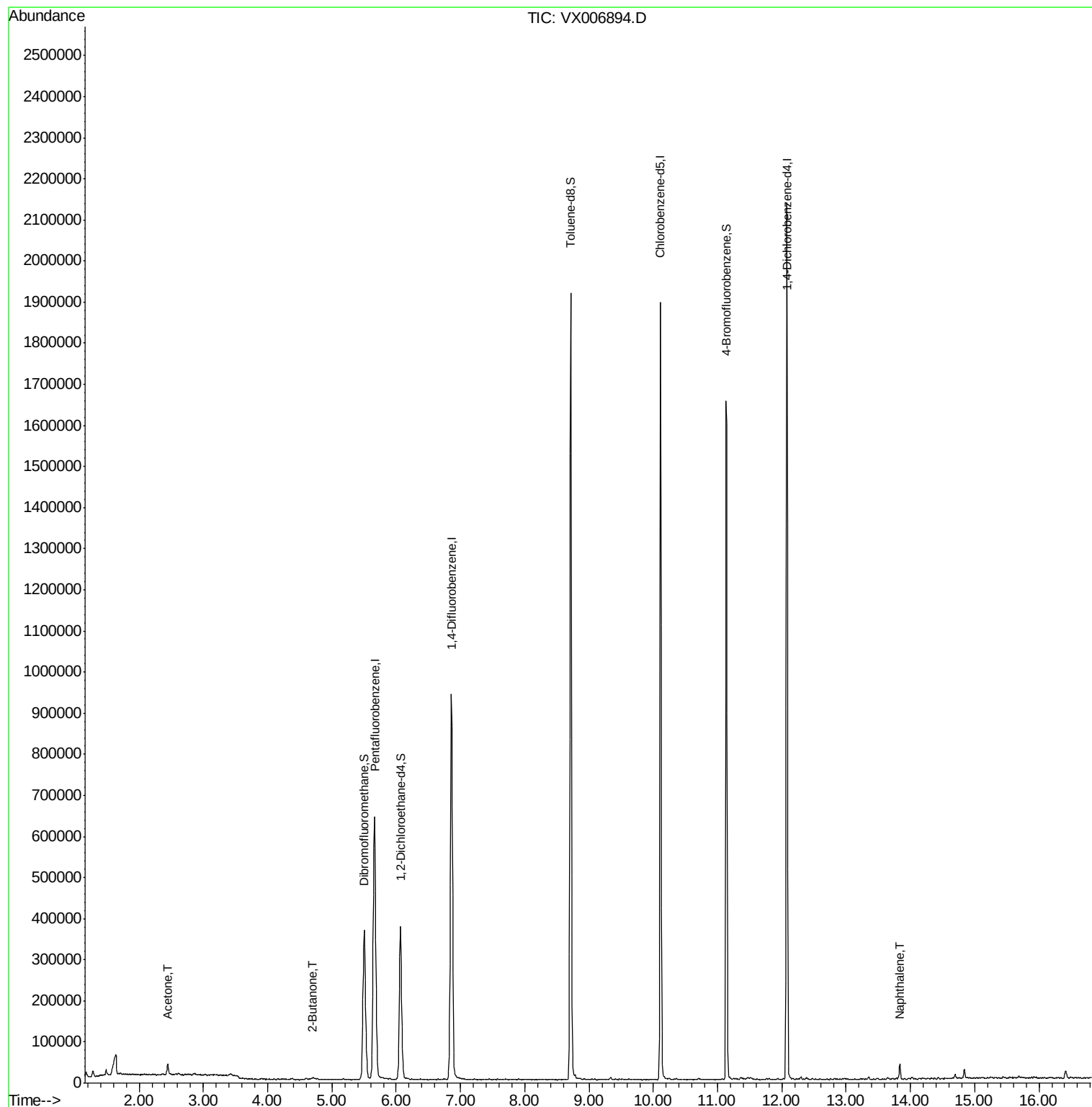
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	669332	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1012839	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	929192	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	454213	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	344314	47.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.46%	
35) Dibromofluoromethane	5.50	113	302124	47.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.34%	
50) Toluene-d8	8.71	98	1189783	49.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.54%	
62) 4-Bromofluorobenzene	11.13	95	430287	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.30%	
Target Compounds						
16) Acetone	2.45	43	27305	8.239	ug/l	96
25) 2-Butanone	4.70	43	8832	1.895	ug/l	95
95) Naphthalene	13.83	128	24040	0.721	ug/l	99

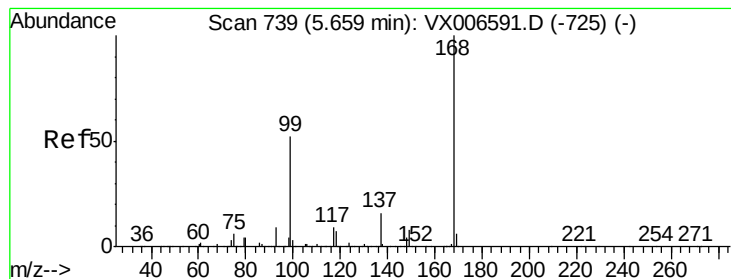
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX006894.D

Acq: 03 Jan 2019 14:59

Instrument :

MSVOA_X

ClientSampled :

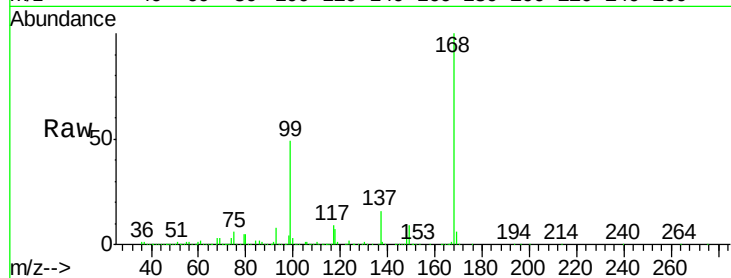
TP-5

Tot Ion:168 Resp: 669332

Ion Ratio Lower Upper

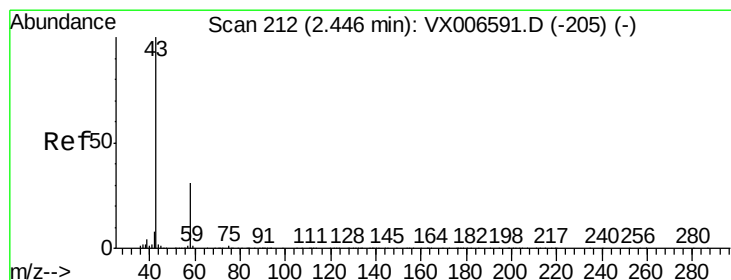
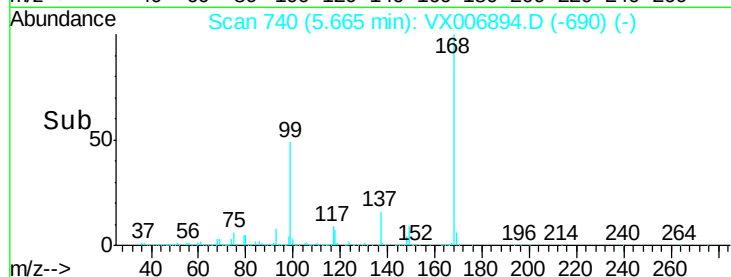
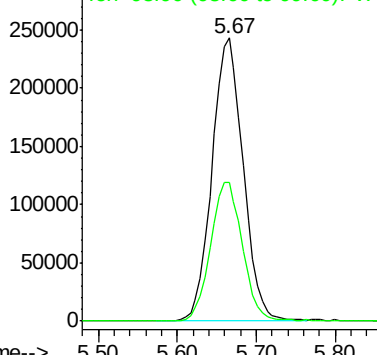
168 100

99 48.8 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 8.239 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006894.D

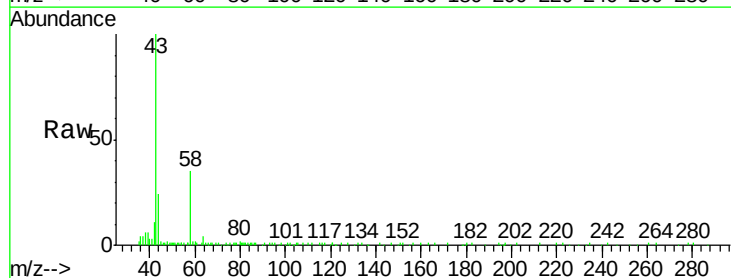
Acq: 03 Jan 2019 14:59

Tgt Ion: 43 Resp: 27305

Ion Ratio Lower Upper

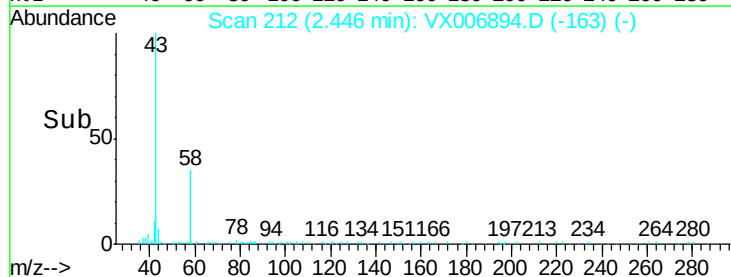
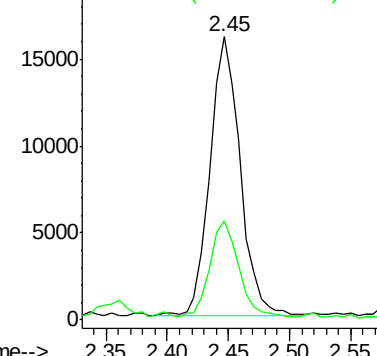
43 100

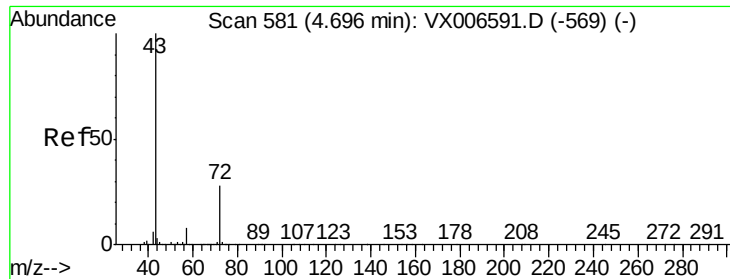
58 33.6 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#25

2-Butanone

Concen: 1.895 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX006894.D

Acq: 03 Jan 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

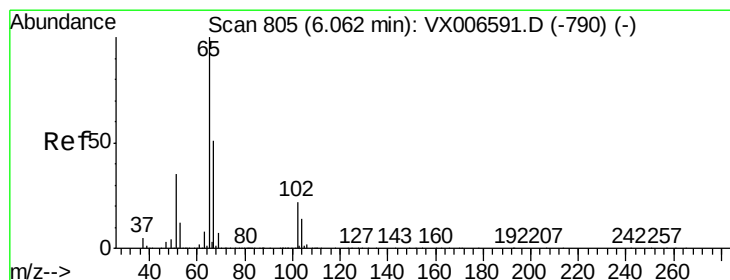
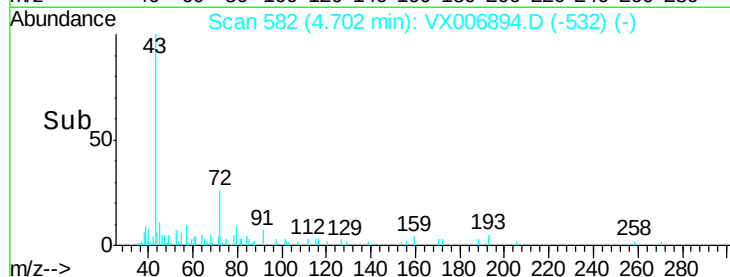
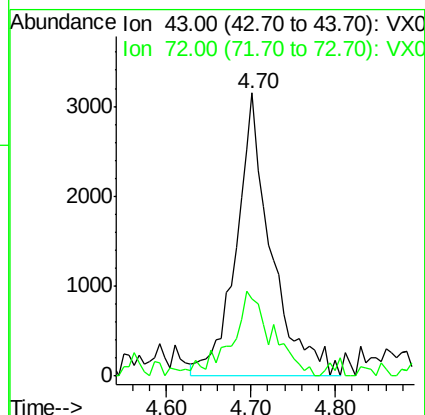
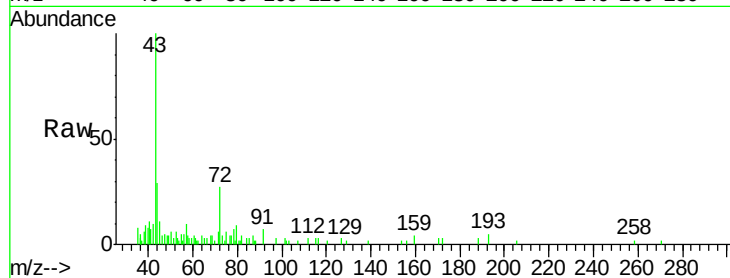
TP-5

Tot Ion: 43 Resp: 8832

Ion Ratio Lower Upper

43 100

72 25.5 22.4 33.6



#33

1,2-Dichloroethane-d4

Concen: 47.730 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006894.D

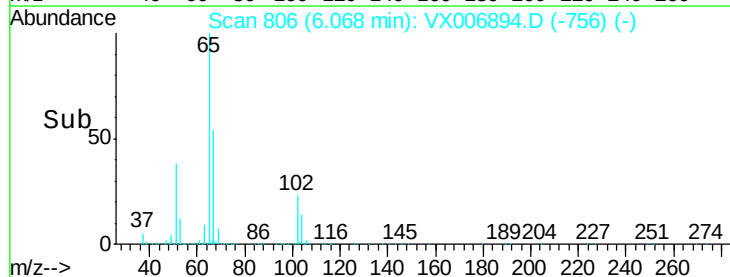
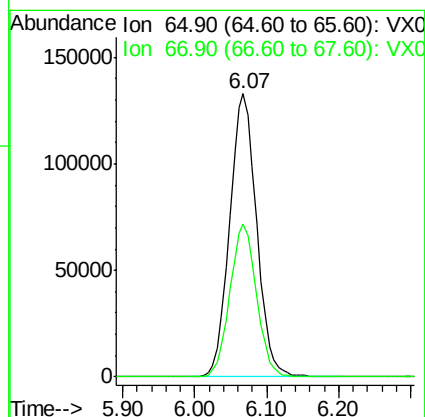
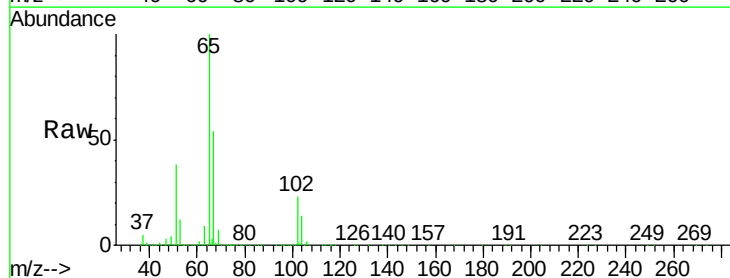
Acq: 03 Jan 2019 14:59

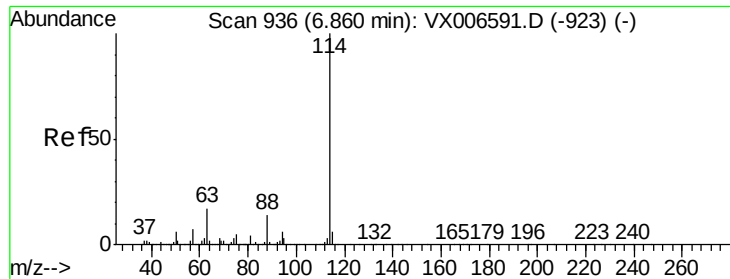
Tgt Ion: 65 Resp: 344314

Ion Ratio Lower Upper

65 100

67 53.5 0.0 105.0

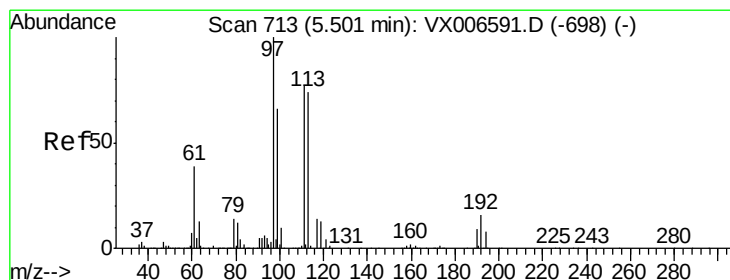
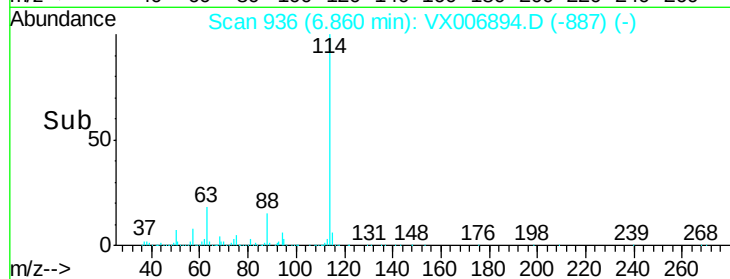
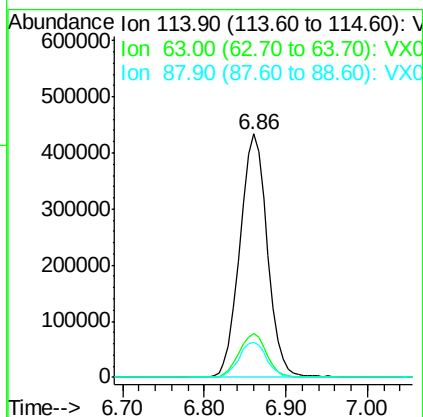
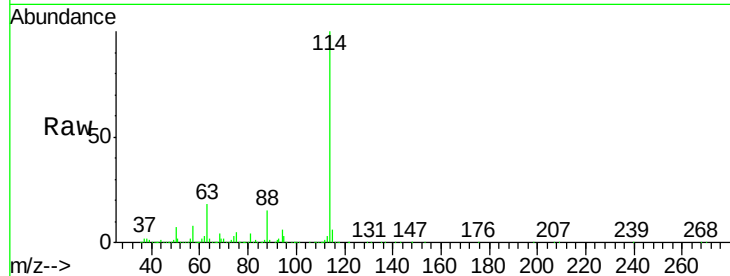




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006894.D
 Acq: 03 Jan 2019 14:59

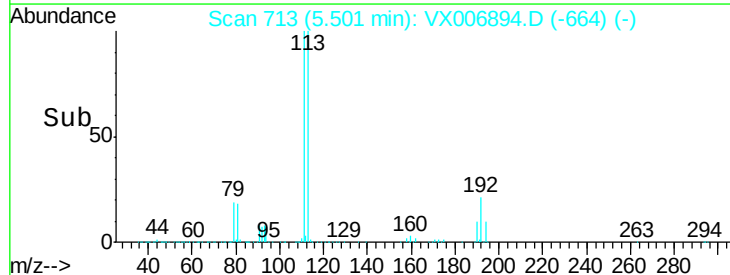
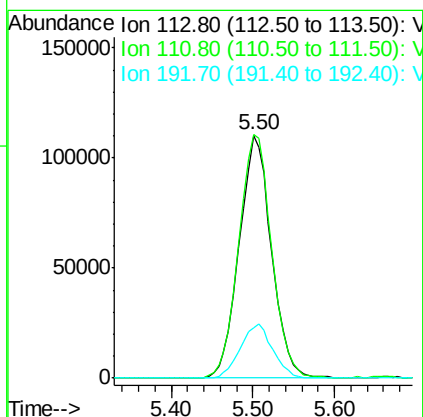
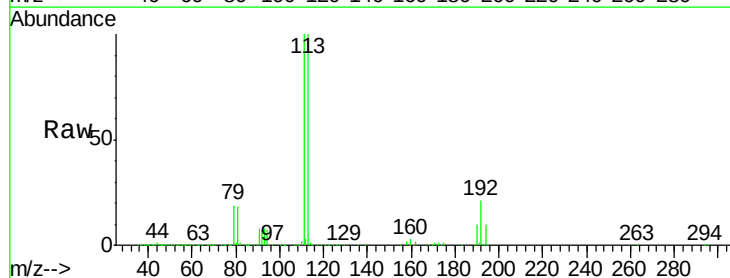
Instrument :
 MSVOA_X
 ClientSampleID :
 TP-5

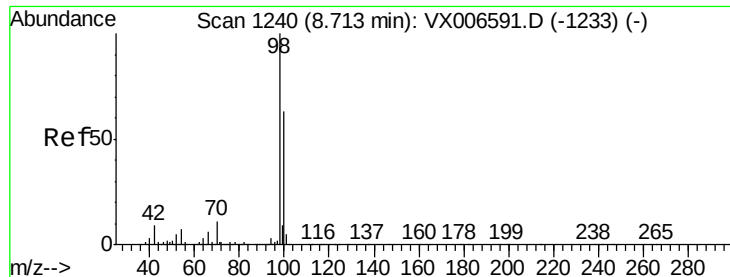
Tot Ion:114 Resp: 1012839
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 34.8
 88 14.5 0.0 28.8



#35
 Dibromofluoromethane
 Concen: 47.170 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX006894.D
 Acq: 03 Jan 2019 14:59

Tgt Ion:113 Resp: 302124
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.6 122.4
 192 22.6 16.7 25.1





#50

Toluene-d8

Concen: 49.272 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006894.D

Acq: 03 Jan 2019 14:59

Instrument :

MSVOA_X

ClientSampleId :

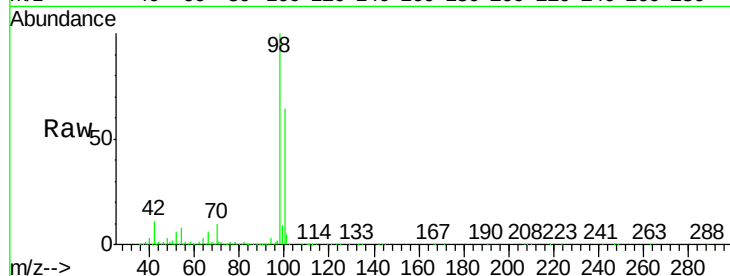
TP-5

Tot Ion: 98 Resp: 1189783

Ion Ratio Lower Upper

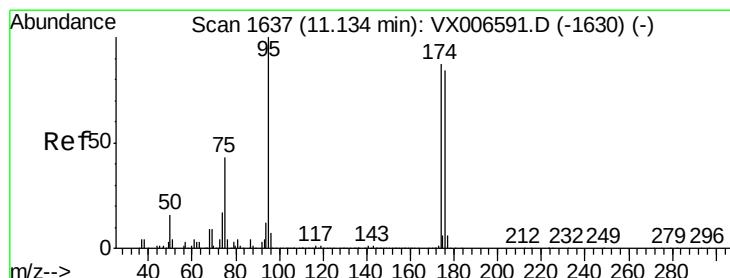
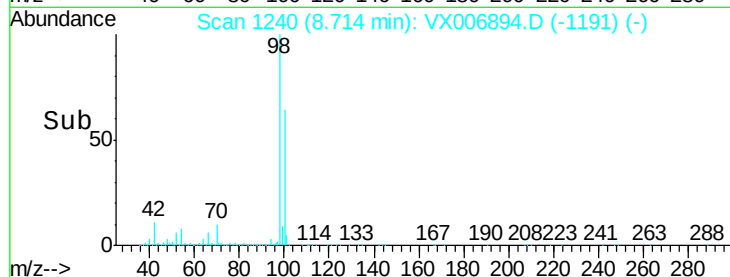
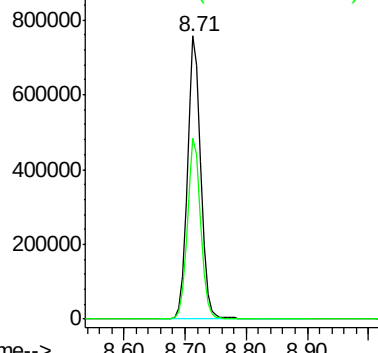
98 100

100 64.0 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 48.655 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006894.D

Acq: 03 Jan 2019 14:59

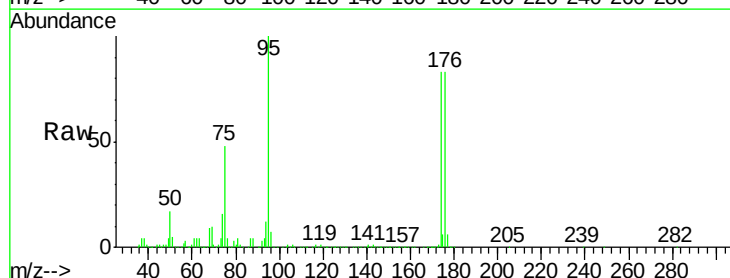
Tgt Ion: 95 Resp: 430287

Ion Ratio Lower Upper

95 100

174 91.5 0.0 182.2

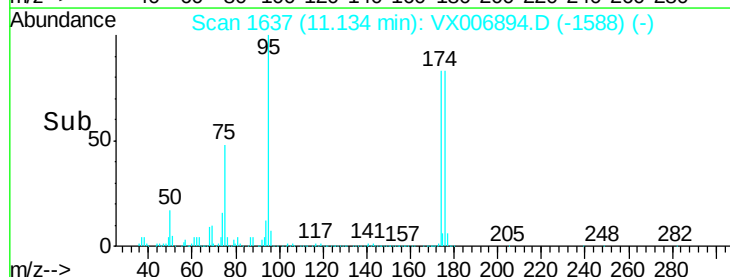
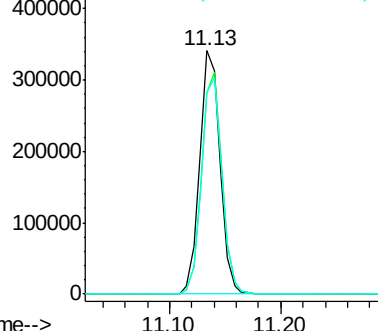
176 90.0 0.0 178.8

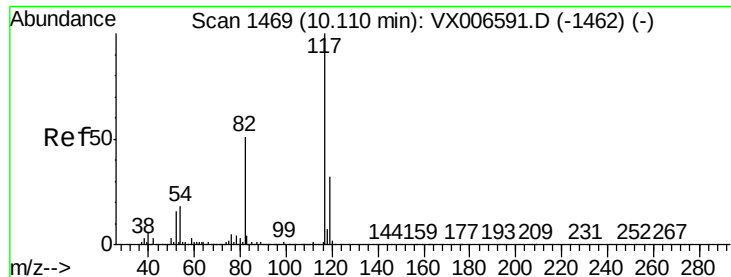


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

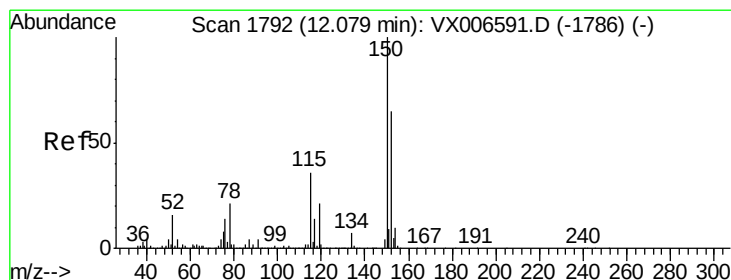
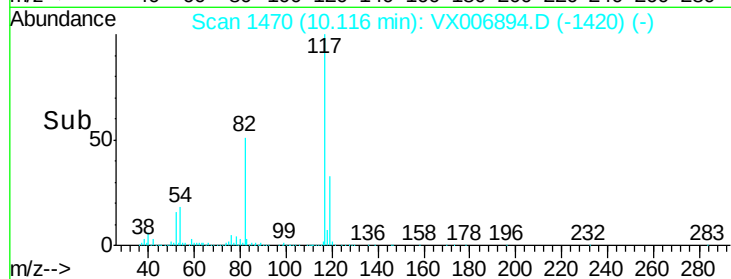
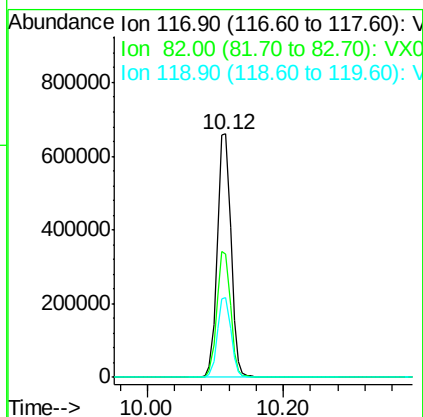
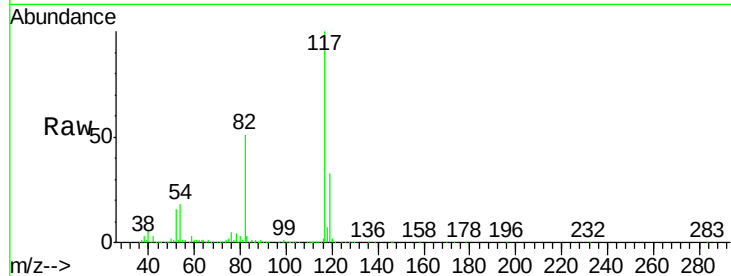




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006894.D
Acq: 03 Jan 2019 14:59

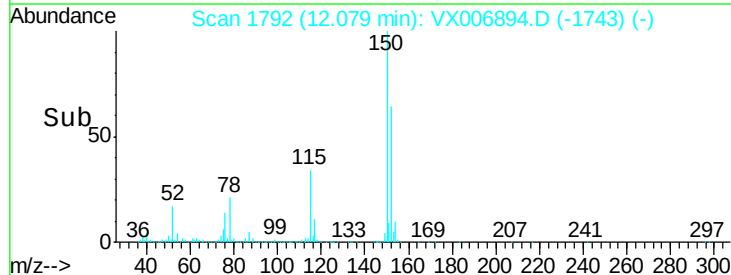
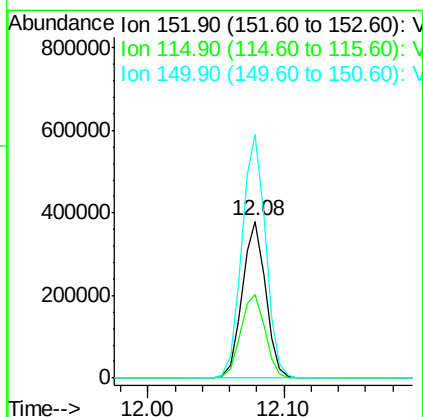
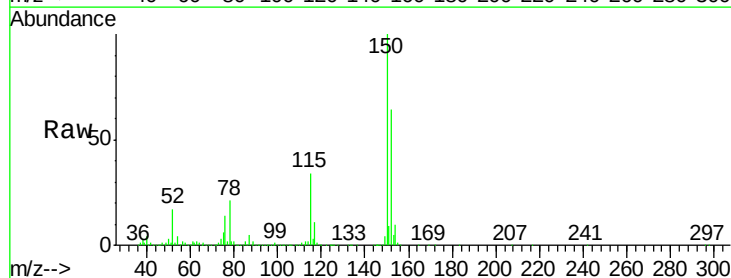
Instrument :
MSVOA_X
ClientSampled :
TP-5

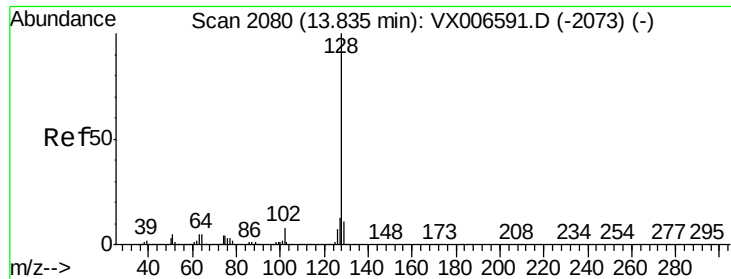
Tot Ion:117 Resp: 929192
Ion Ratio Lower Upper
117 100
82 50.8 41.0 61.6
119 32.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006894.D
Acq: 03 Jan 2019 14:59

Tgt Ion:152 Resp: 454213
Ion Ratio Lower Upper
152 100
115 55.6 39.1 117.2
150 158.0 0.0 344.8

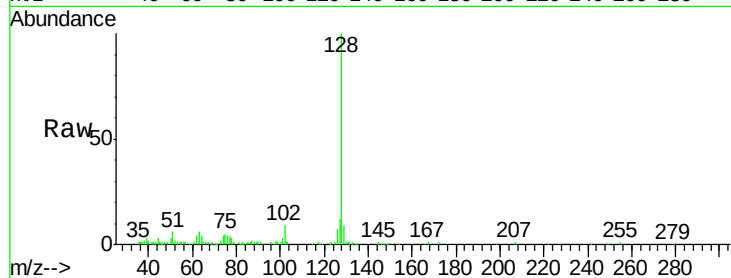




#95
Naphthalene
Concen: 0.721 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006894.D
Acq: 03 Jan 2019 14:59

Instrument :
MSVOA_X
ClientSampleId :
TP-5

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.4	10.1	15.1
129	11.6	8.6	13.0



Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

