

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102318\
 Data File : VX005522.D
 Acq On : 23 Oct 2018 15:47
 Operator : JC/MD
 Sample : J5622-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KG-V23608

Quant Time: Oct 24 02:21:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

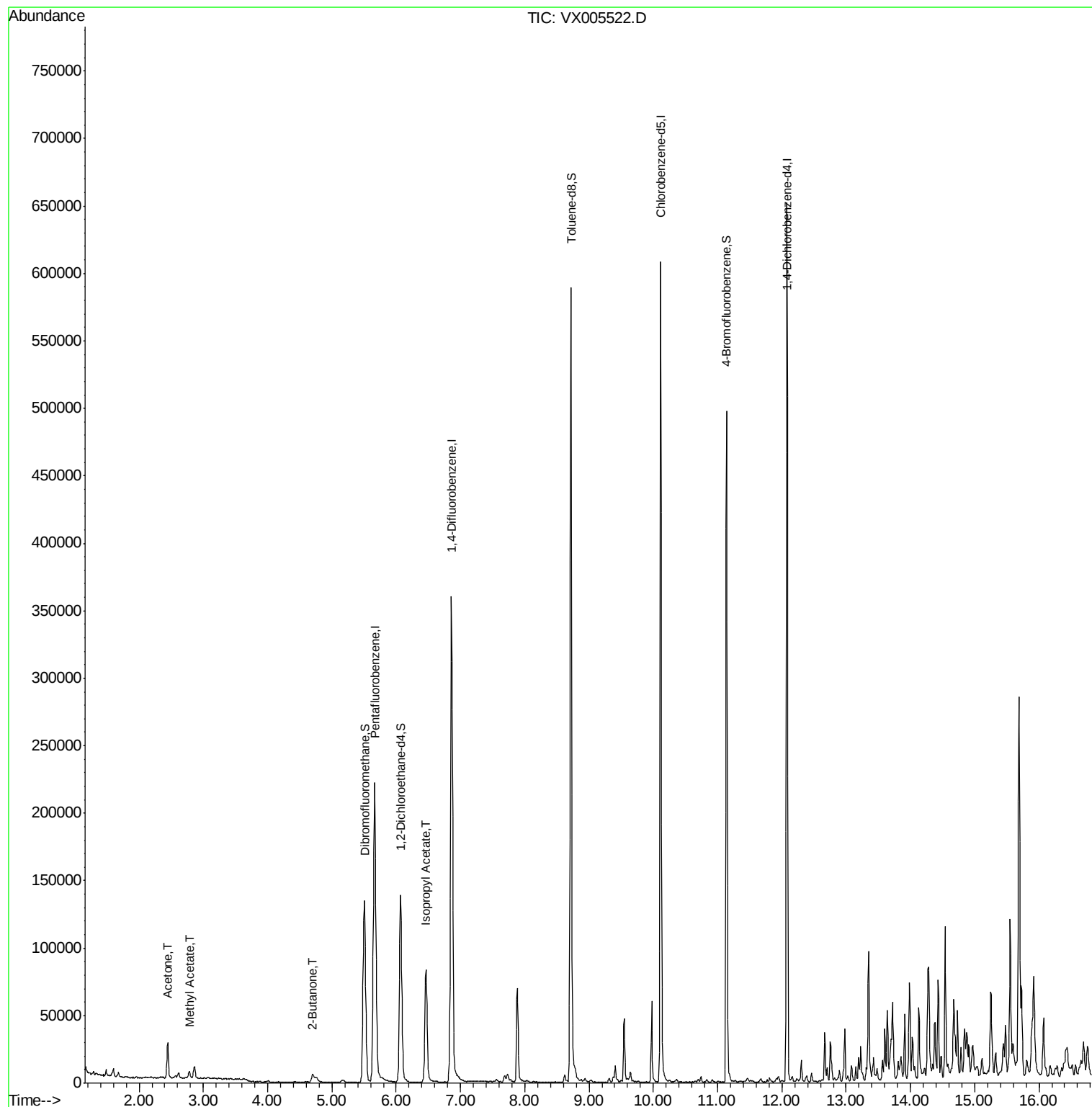
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	227388	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	363575	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	282209	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	133768	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	134730	53.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.78%	
35) Dibromofluoromethane	5.51	113	118680	49.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.56%	
50) Toluene-d8	8.72	98	375115	45.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.76%	
62) 4-Bromofluorobenzene	11.14	95	124432	40.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.14%	
Target Compounds						
16) Acetone	2.45	43	27050	18.538	ug/l	95
18) Methyl Acetate	2.78	43	6357	1.531	ug/l	91
25) 2-Butanone	4.70	43	11565	5.417	ug/l	90
43) Isopropyl Acetate	6.46	43	113162	18.760	ug/l	94

(#) = 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: VX005522.D

Acq: 23 Oct 2018 15:47

Instrument :

MSVOA_X

ClientSampleId :

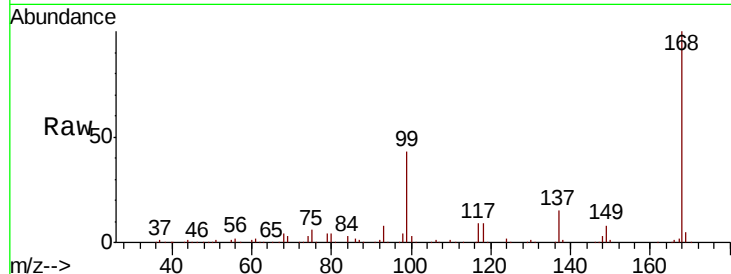
KG-V23608

Tot Ion:168 Resp: 227388

Ion Ratio Lower Upper

168 100

99 42.7 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

80000

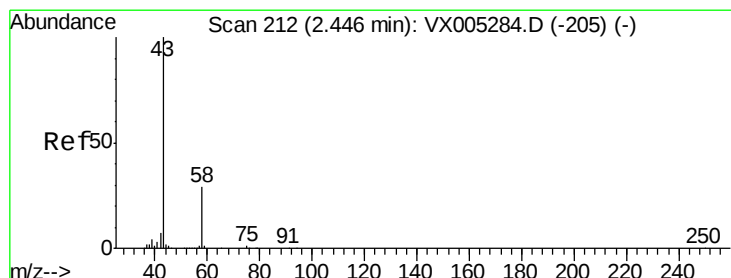
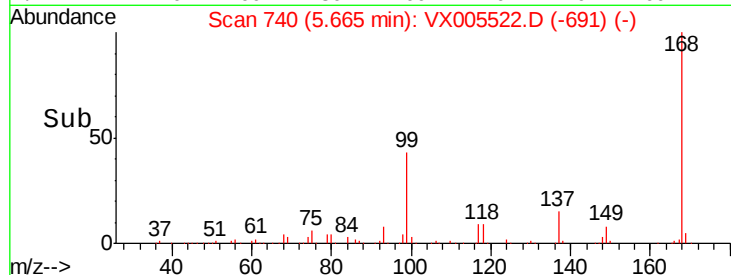
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 18.538 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005522.D

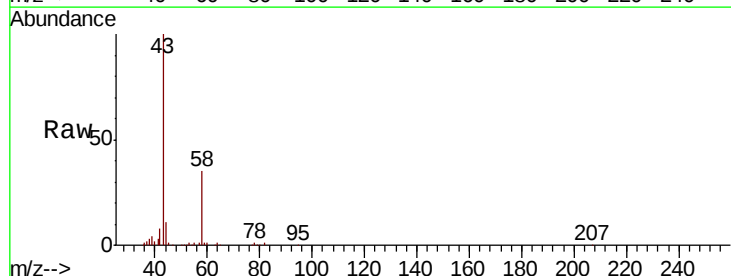
Acq: 23 Oct 2018 15:47

Tgt Ion: 43 Resp: 27050

Ion Ratio Lower Upper

43 100

58 35.4 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

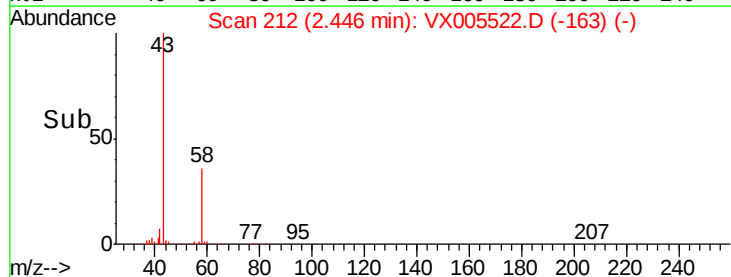
15000

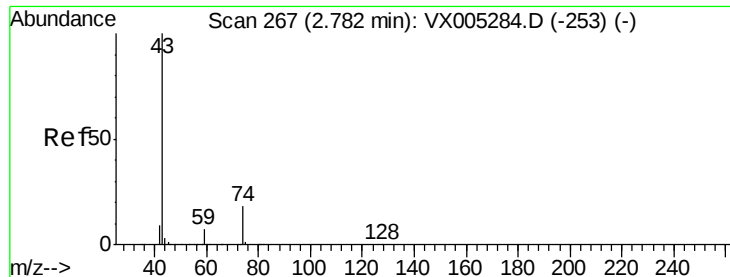
10000

5000

0

Time--> 2.35 2.40 2.45 2.50 2.55

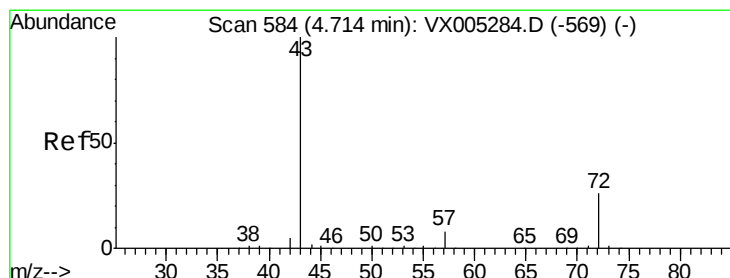
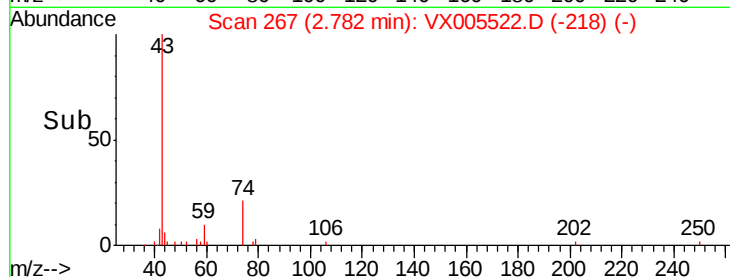
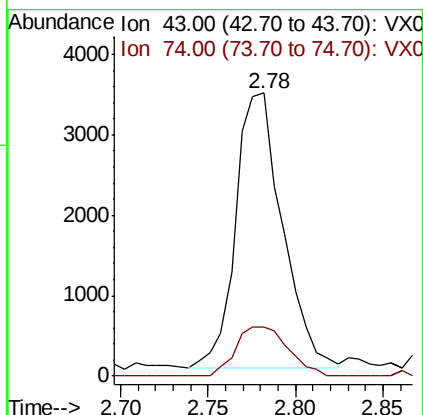
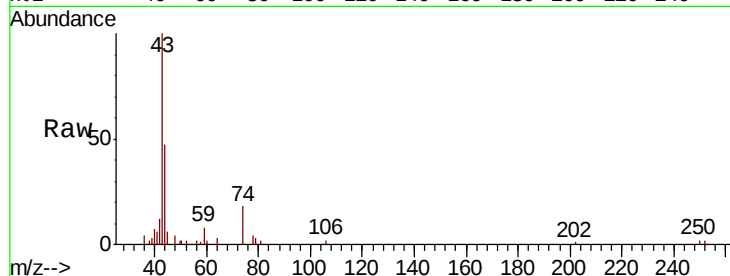




#18
Methvl Acetate
Concen: 1.531 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005522.D
Acq: 23 Oct 2018 15:47

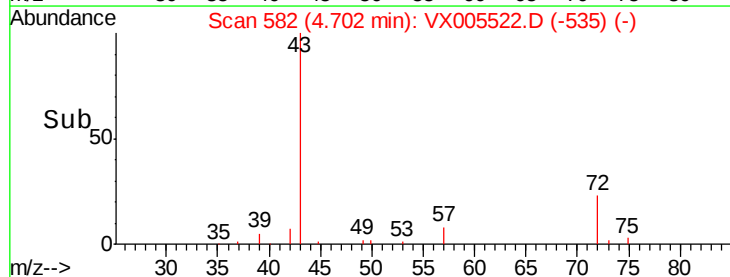
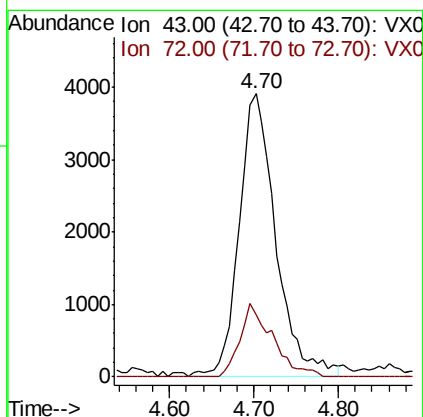
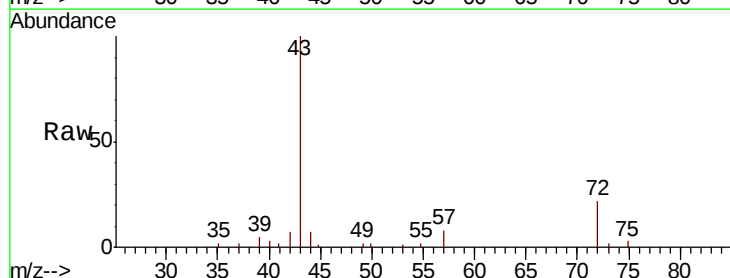
Instrument :
MSVOA_X
ClientSampleId :
KG-V23608

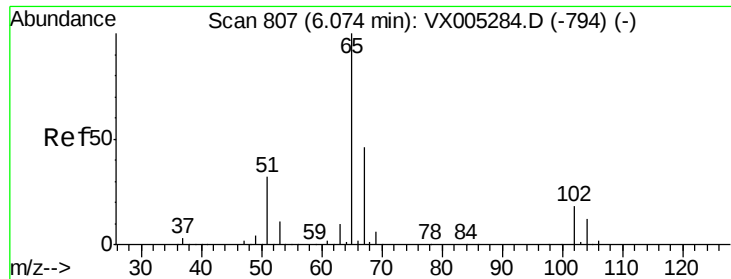
Tot Ion: 43 Resp: 6357
Ion Ratio Lower Upper
43 100
74 20.1 19.4 29.2



#25
2-Butanone
Concen: 5.417 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX005522.D
Acq: 23 Oct 2018 15:47

Tgt Ion: 43 Resp: 11565
Ion Ratio Lower Upper
43 100
72 22.0 22.0 33.0

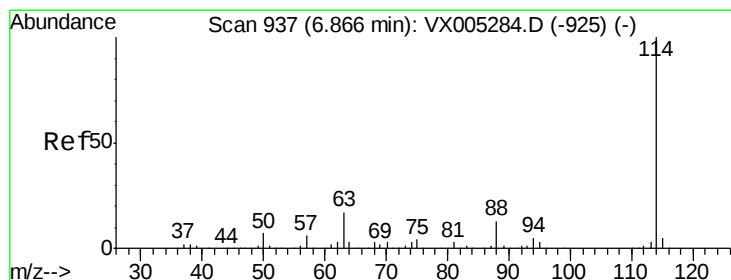
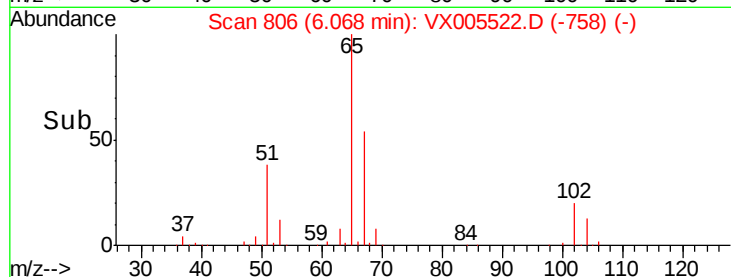
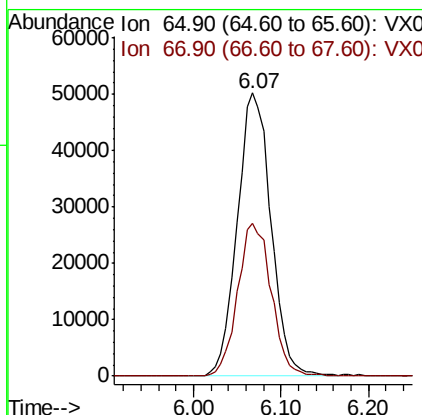
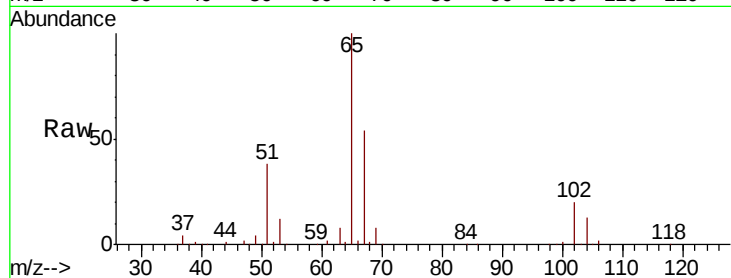




#33
 1,2-Dichloroethane-d4
 Concen: 53.387 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.01 min
 Lab File: VX005522.D
 Acq: 23 Oct 2018 15:47

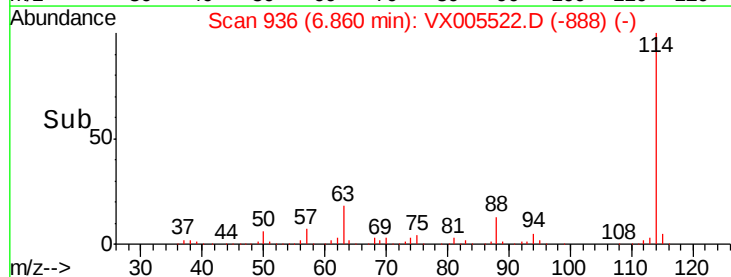
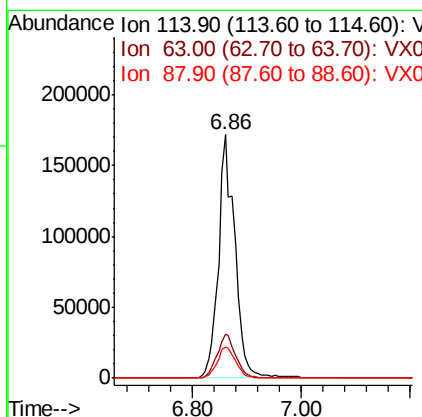
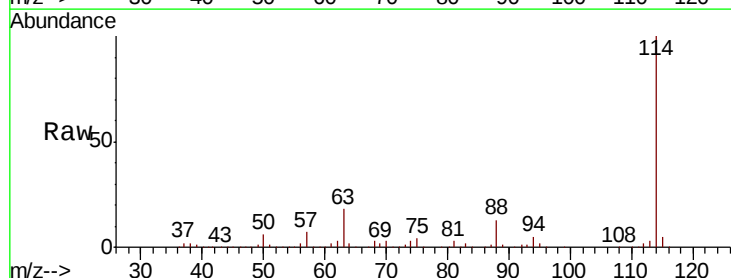
Instrument :
 MSVOA_X
 ClientSampleId :
 KG-V23608

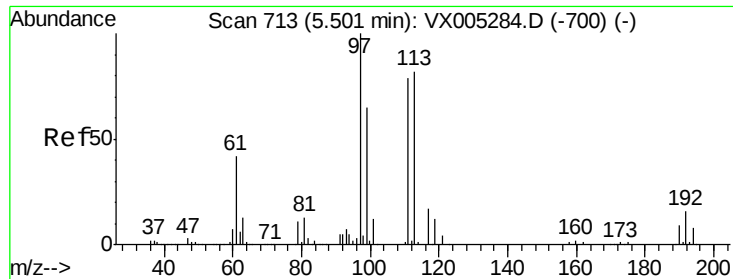
Tot Ion: 65 Resp: 134730
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005522.D
 Acq: 23 Oct 2018 15:47

Tgt Ion: 114 Resp: 363575
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 39.0
 88 13.0 0.0 30.4

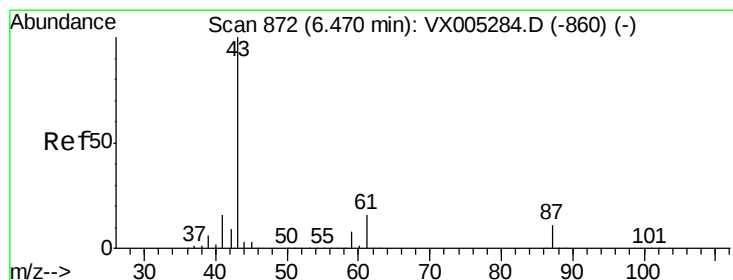
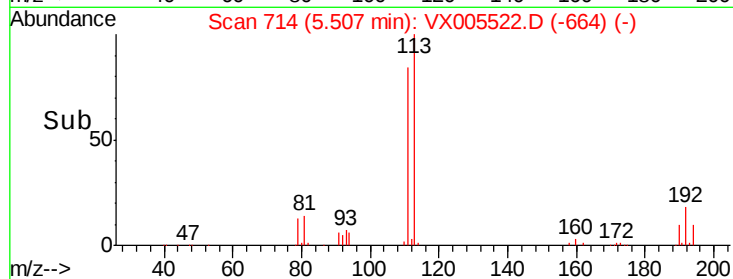
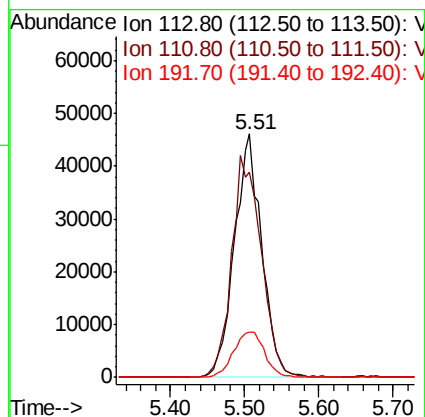
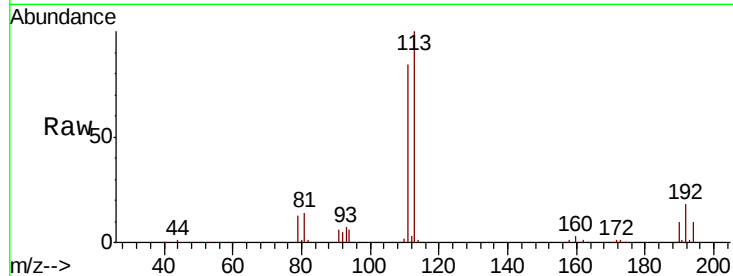




#35
 Dibromofluoromethane
 Concen: 49.285 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005522.D
 Acq: 23 Oct 2018 15:47

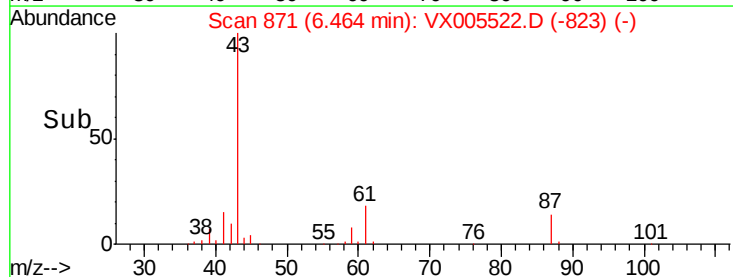
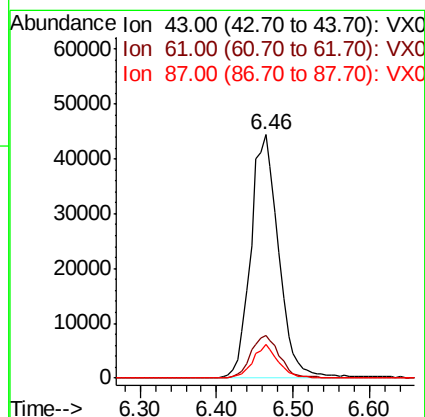
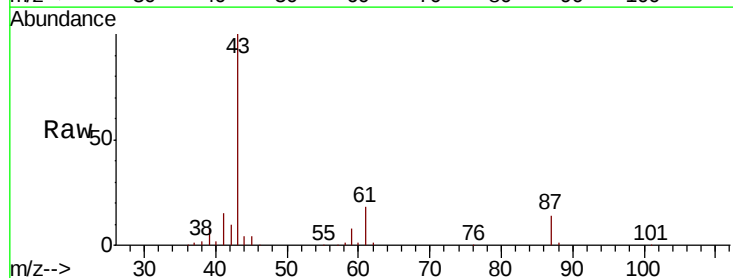
Instrument :
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 ClientSampleId :
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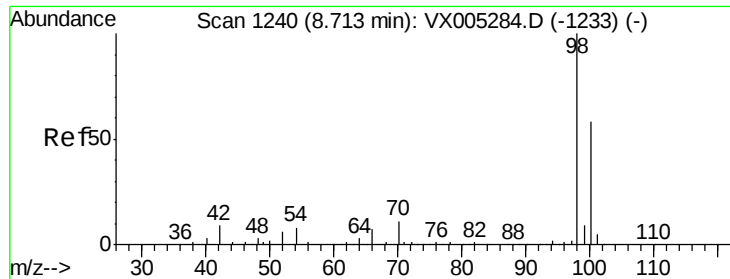
Tot Ion:113 Resp: 118680
 Ion Ratio Lower Upper
 113 100
 111 98.5 82.4 123.6
 192 21.2 19.4 29.2



#43
 Isopropyl Acetate
 Concen: 18.760 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: VX005522.D
 Acq: 23 Oct 2018 15:47

Tgt Ion: 43 Resp: 113162
 Ion Ratio Lower Upper
 43 100
 61 18.0 17.0 25.4
 87 12.3 11.4 17.2

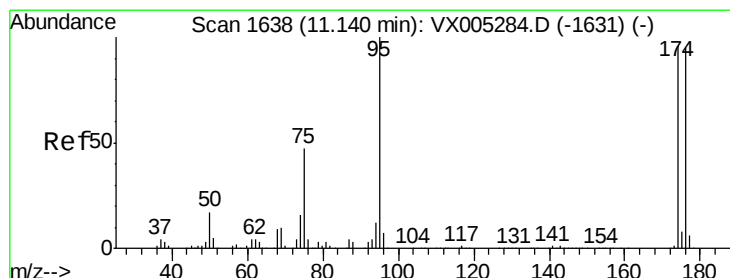
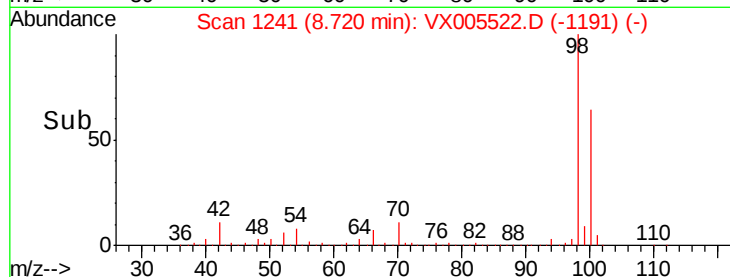
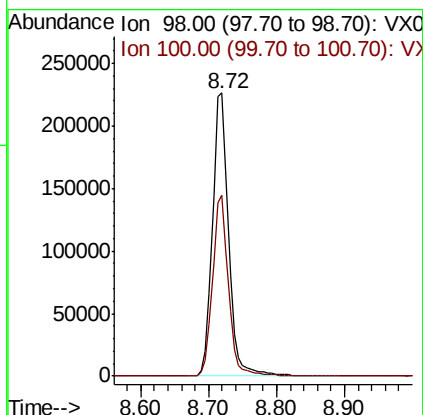
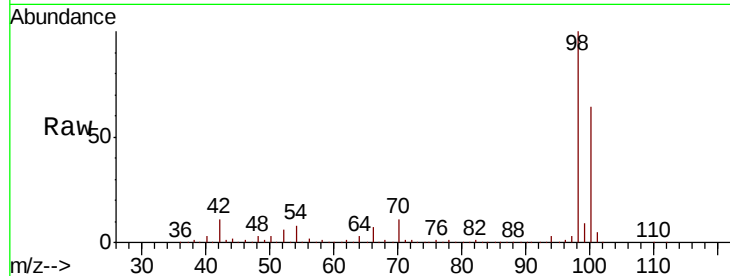




#50
Toluene-d8
Concen: 45.375 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX005522.D
Acq: 23 Oct 2018 15:47

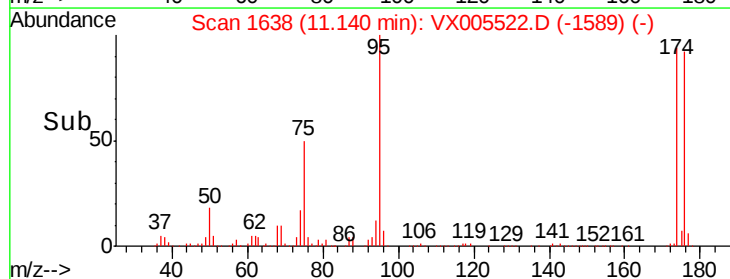
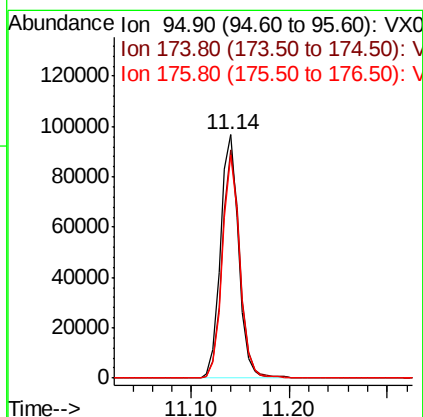
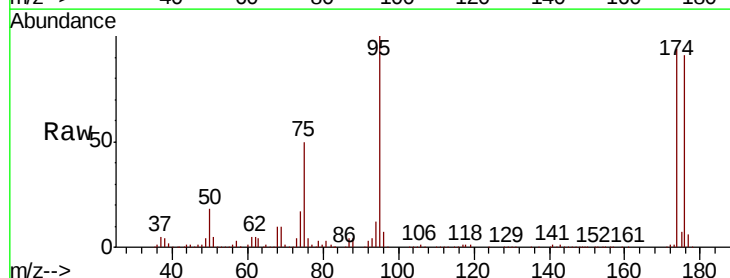
Instrument :
MSVOA_X
ClientSampled :
KG-V23608

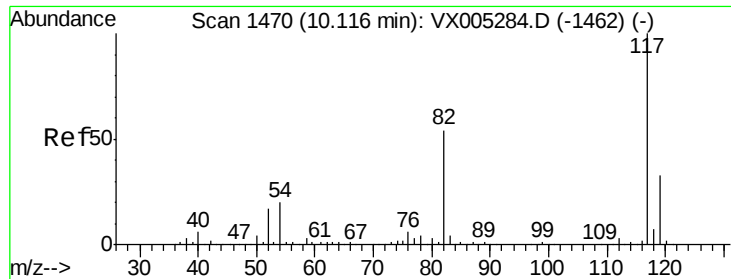
Tot Ion: 98 Resp: 375115
Ion Ratio Lower Upper
98 100
100 62.7 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 40.067 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005522.D
Acq: 23 Oct 2018 15:47

Tgt Ion: 95 Resp: 124432
Ion Ratio Lower Upper
95 100
174 91.8 0.0 185.2
176 88.2 0.0 178.6

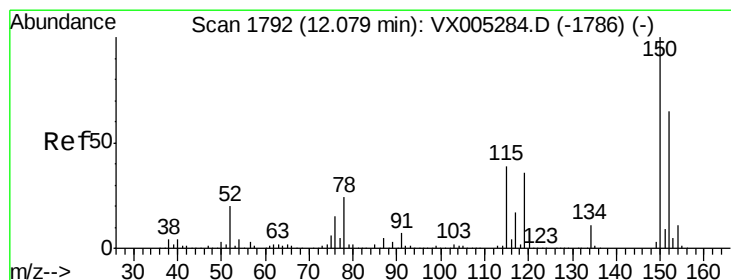
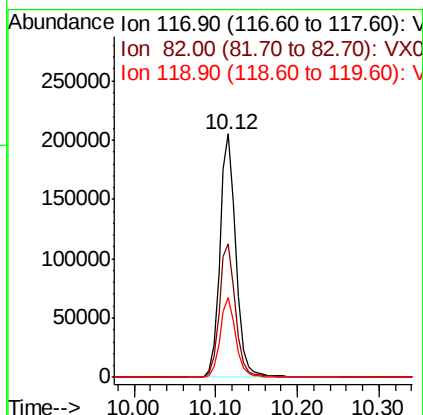
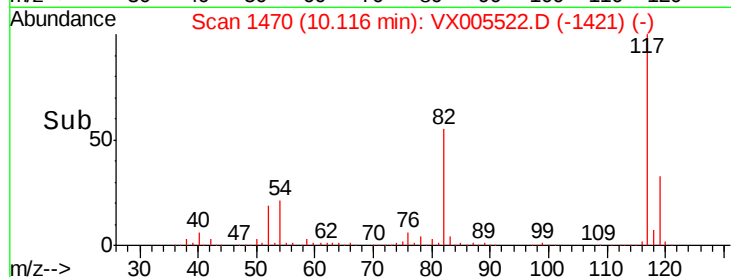
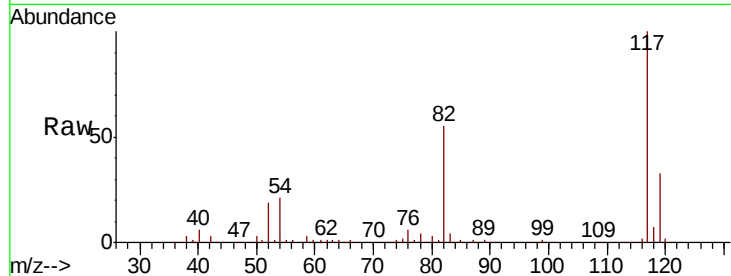




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005522.D
Acq: 23 Oct 2018 15:47

Instrument :
MSVOA_X
ClientSampled :
KG-V23608

Tot Ion:117 Resp: 282209
Ion Ratio Lower Upper
117 100
82 54.7 47.8 71.6
119 32.5 29.3 43.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005522.D
Acq: 23 Oct 2018 15:47

Tgt Ion:152 Resp: 133768
Ion Ratio Lower Upper
152 100
115 55.6 39.0 117.0
150 155.9 0.0 351.0

