

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX013019\
 Data File : VX007315.D
 Acq On : 30 Jan 2019 15:24
 Operator : JC/SP
 Sample : K1282-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-1

Quant Time: Jan 31 04:06:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

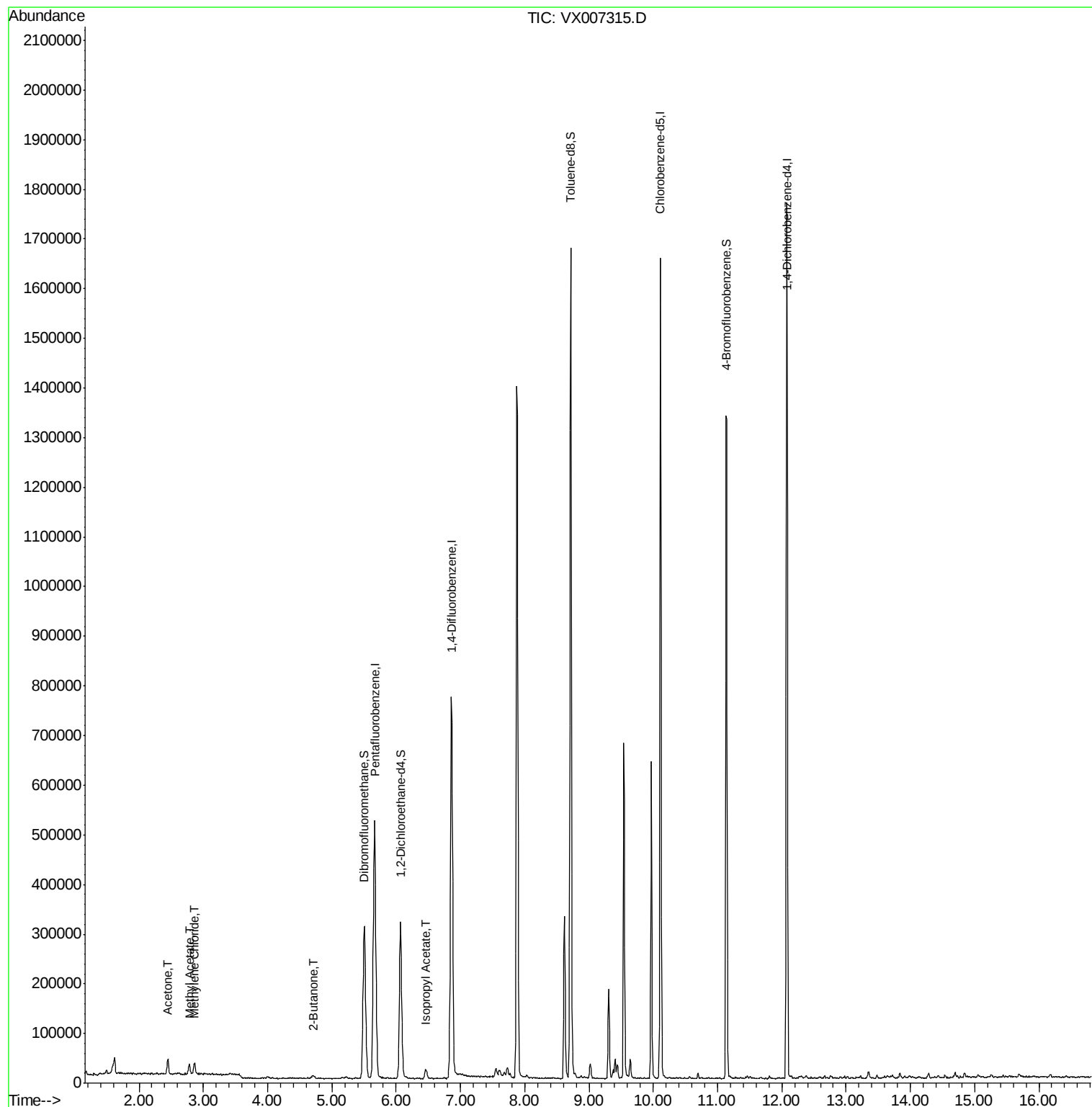
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	526376	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	821491	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	789817	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	381443	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	286186	52.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.04%	
35) Dibromofluoromethane	5.51	113	257041	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
50) Toluene-d8	8.71	98	1009444	52.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.84%	
62) 4-Bromofluorobenzene	11.13	95	350799	52.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.52%	
Target Compounds						
16) Acetone	2.45	43	33951	12.484	ug/l	95
18) Methyl Acetate	2.78	43	27885	3.541	ug/l	97
20) Methylene Chloride	2.86	84	11366	1.650	ug/l	92
25) 2-Butanone	4.71	43	12396	3.186	ug/l #	89
43) Isopropyl Acetate	6.46	43	25480	2.110	ug/l	100

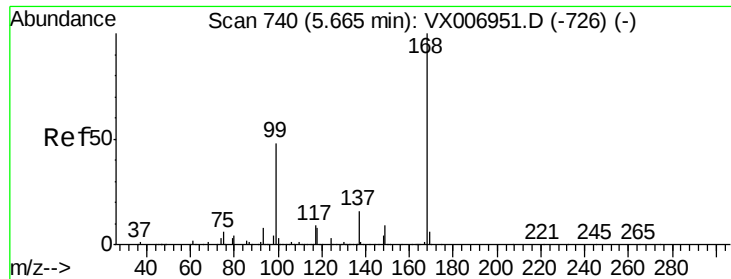
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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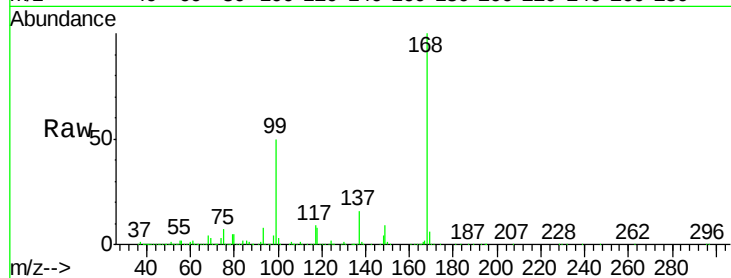


#1

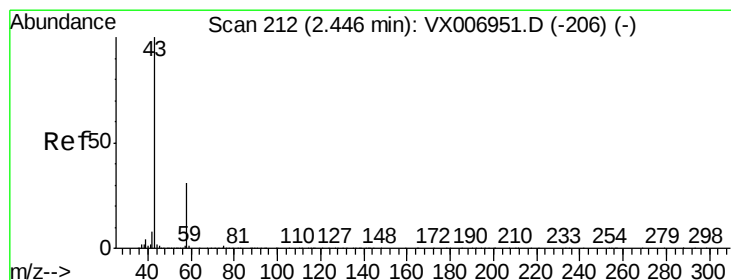
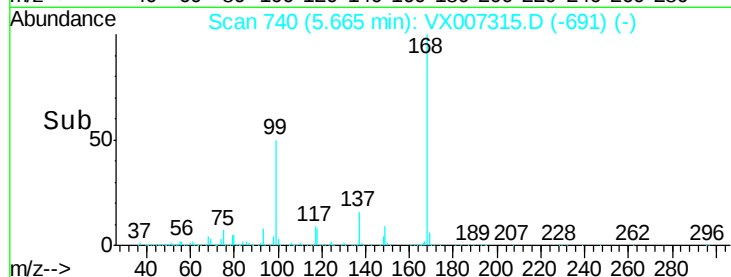
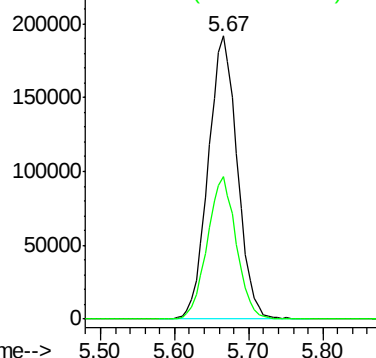
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: VX007315.D
 Acq: 30 Jan 2019 15:24

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-1

Tot Ion:168 Resp: 526376
 Ion Ratio Lower Upper
 168 100
 99 50.1 41.8 62.8



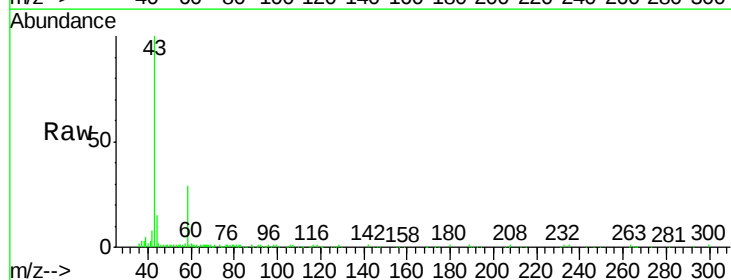
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VX0



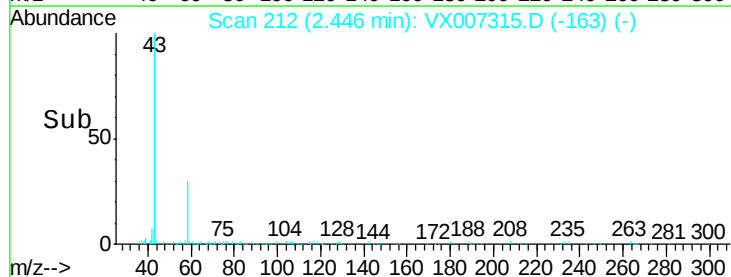
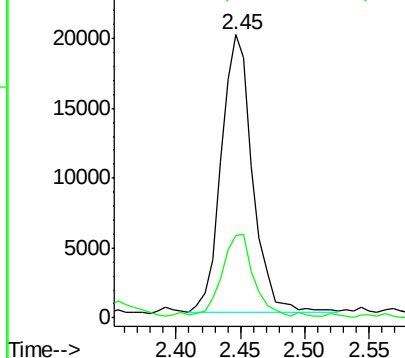
#16

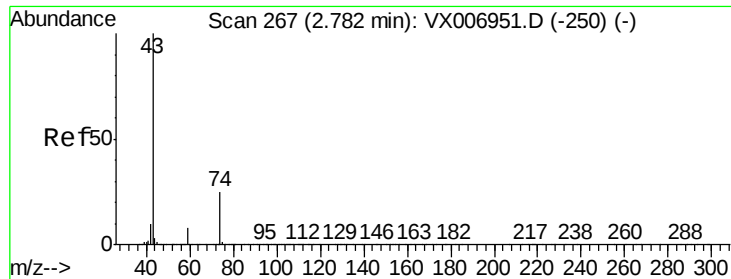
Acetone
 Concen: 12.484 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX007315.D
 Acq: 30 Jan 2019 15:24

Tgt Ion: 43 Resp: 33951
 Ion Ratio Lower Upper
 43 100
 58 28.7 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

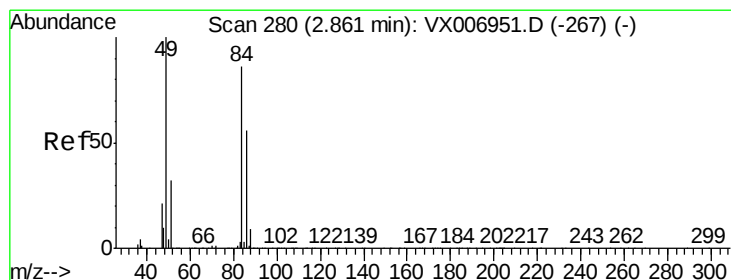
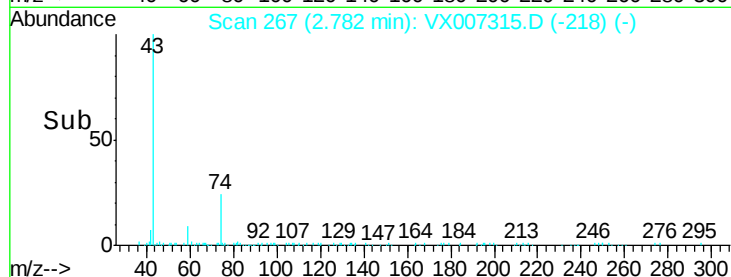
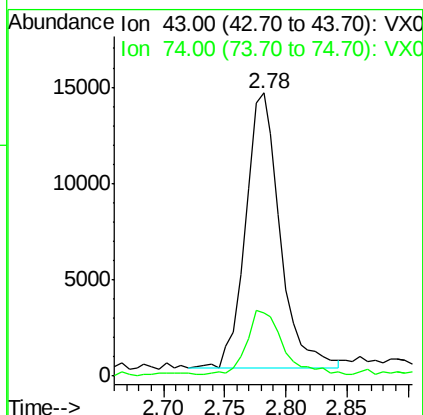
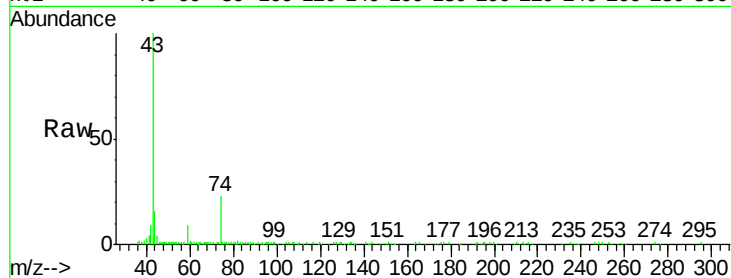




#18
Methyl Acetate
Concen: 3.541 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX007315.D
Acq: 30 Jan 2019 15:24

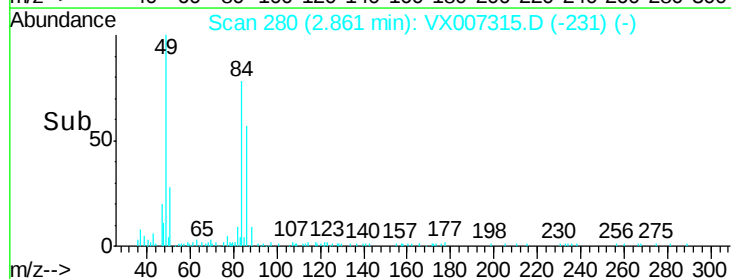
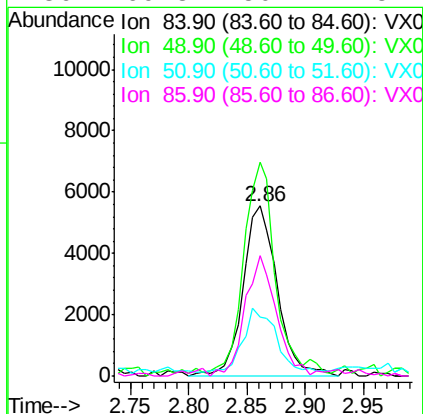
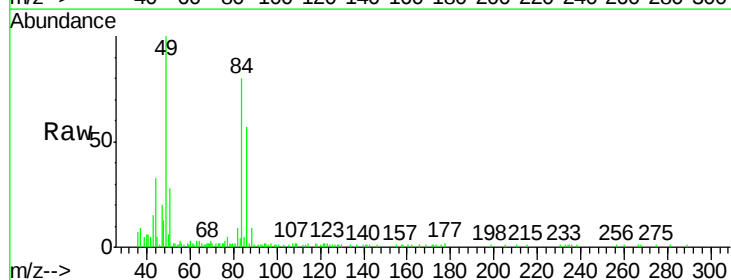
Instrument :
MSVOA_X
ClientSampleId :
TP-1

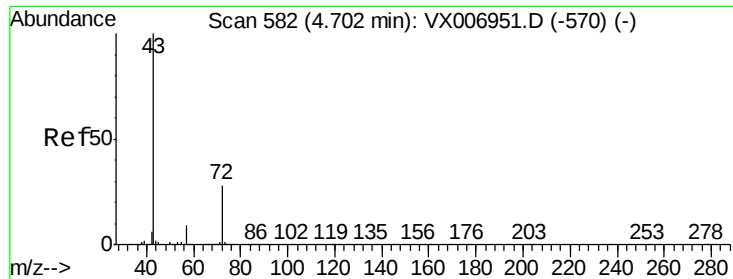
Tot Ion: 43 Resp: 27885
Ion Ratio Lower Upper
43 100
74 24.8 18.6 28.0



#20
Methylene Chloride
Concen: 1.650 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX007315.D
Acq: 30 Jan 2019 15:24

Tgt Ion: 84 Resp: 11366
Ion Ratio Lower Upper
84 100
49 124.2 91.8 137.6
51 31.9 28.5 42.7
86 69.8 50.2 75.2





#25

2-Butanone

Concen: 3.186 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX007315.D

Acq: 30 Jan 2019 15:24

Instrument :

MSVOA_X

ClientSampleId :

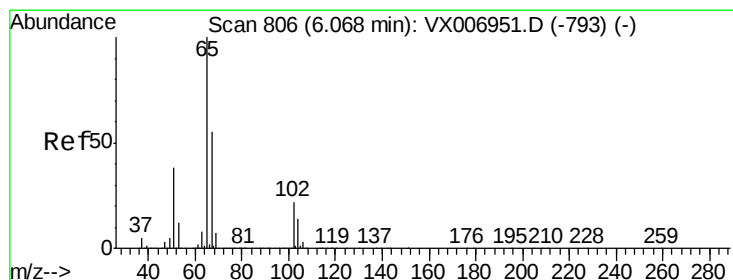
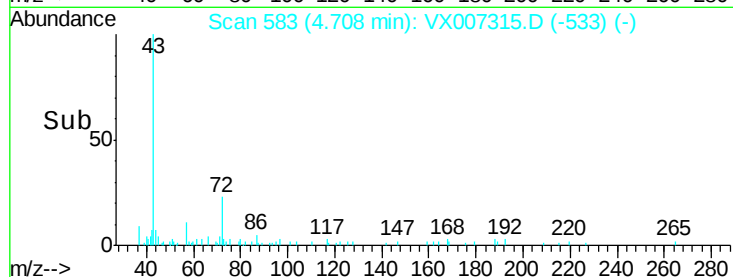
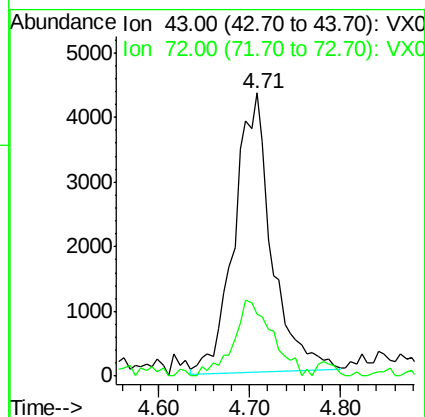
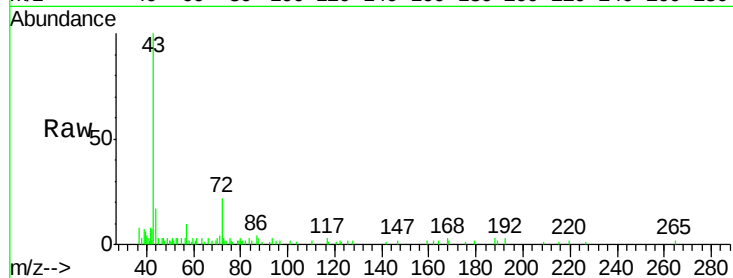
TP-1

Tot Ion: 43 Resp: 12396

Ion Ratio Lower Upper

43 100

72 22.4 22.4 33.6#



#33

1,2-Dichloroethane-d4

Concen: 52.024 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007315.D

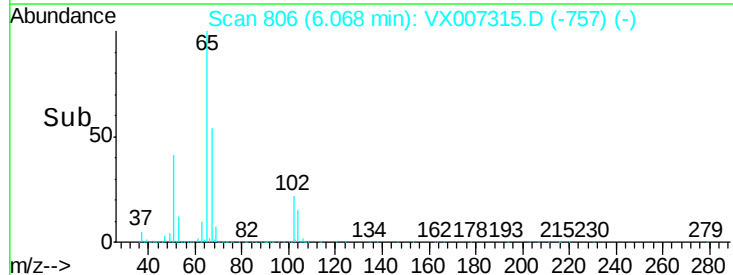
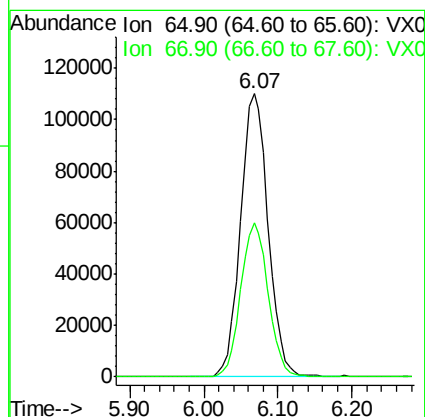
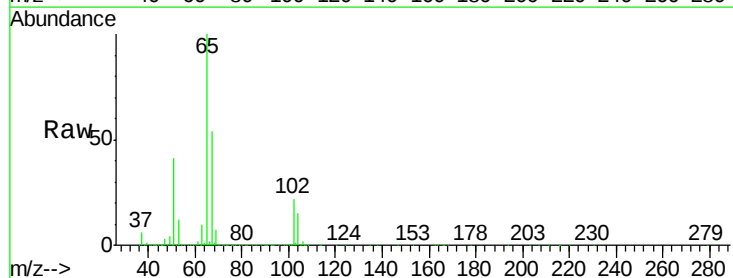
Acq: 30 Jan 2019 15:24

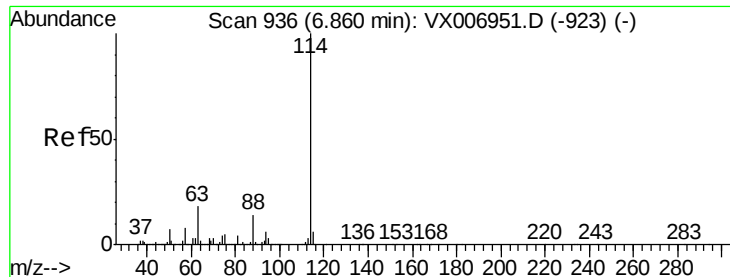
Tgt Ion: 65 Resp: 286186

Ion Ratio Lower Upper

65 100

67 54.2 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: VX007315.D

Acq: 30 Jan 2019 15:24

Instrument :

MSVOA_X

ClientSampleId :

TP-1

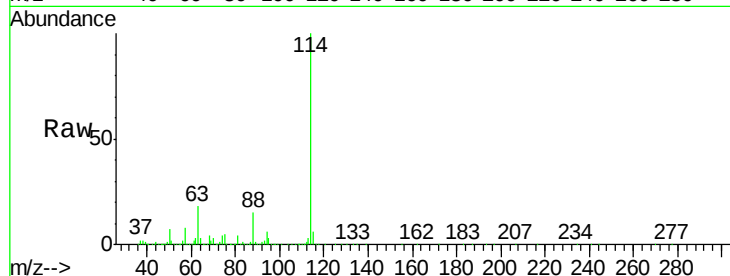
Tot Ion:114 Resp: 821491

Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.8

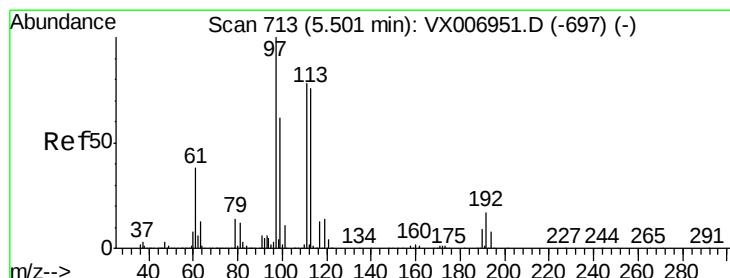
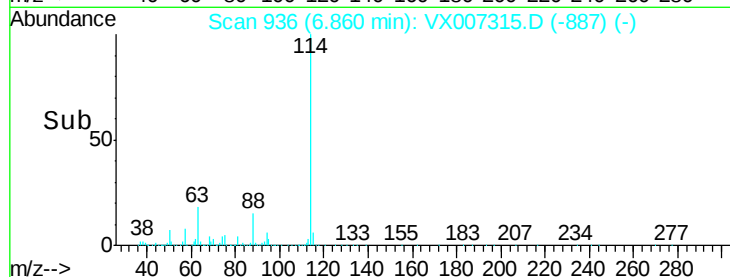
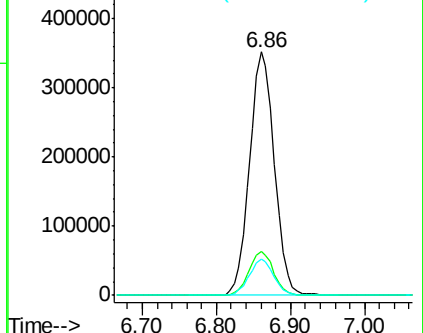
88 14.8 0.0 28.8



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: 48.860 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007315.D

Acq: 30 Jan 2019 15:24

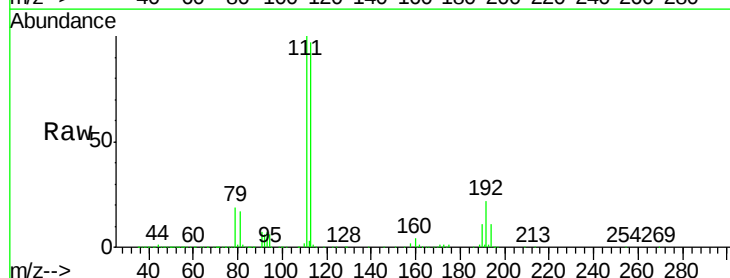
Tgt Ion:113 Resp: 257041

Ion Ratio Lower Upper

113 100

111 102.7 81.6 122.4

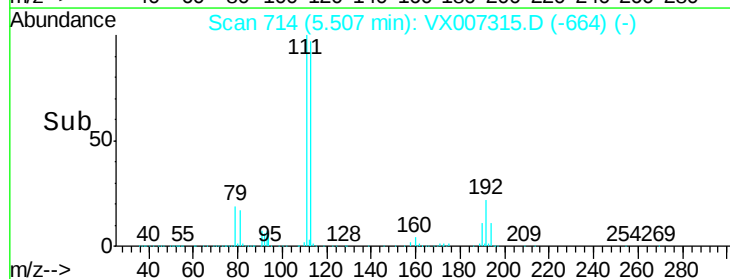
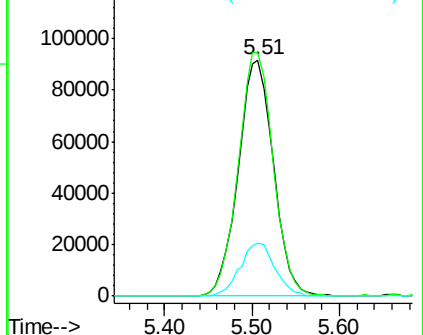
192 22.4 16.7 25.1

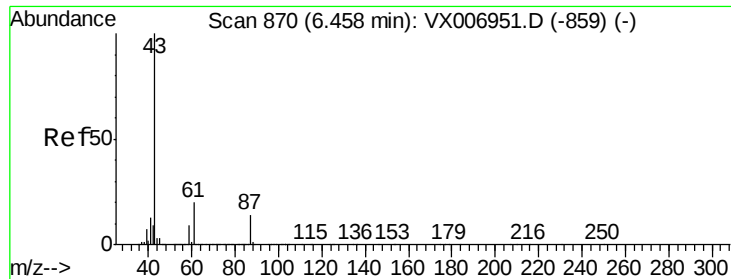


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.110 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX007315.D

Acq: 30 Jan 2019 15:24

Instrument :

MSVOA_X

ClientSampled :

TP-1

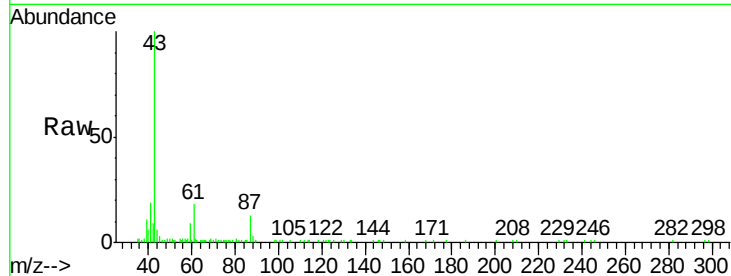
Tot Ion: 43 Resp: 25480

Ion Ratio Lower Upper

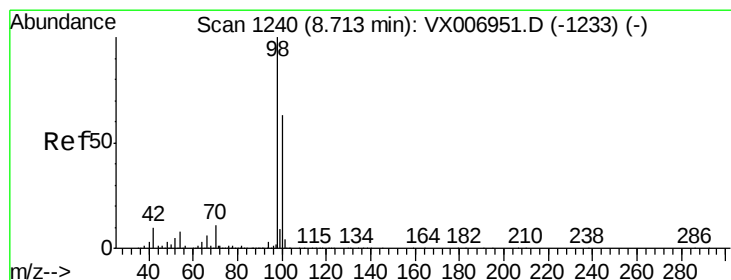
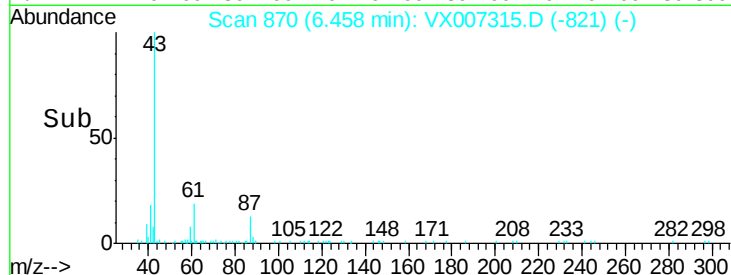
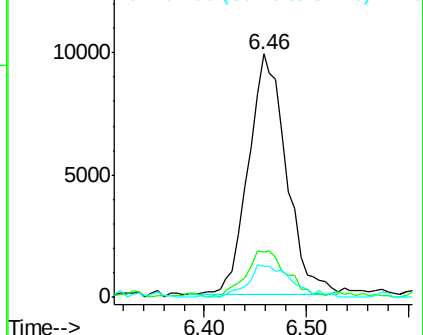
43 100

61 21.0 16.8 25.2

87 15.4 12.4 18.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 52.422 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007315.D

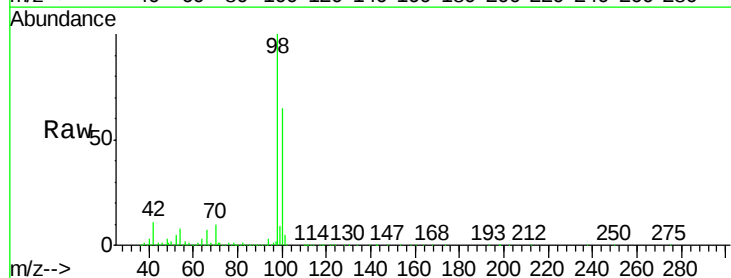
Acq: 30 Jan 2019 15:24

Tgt Ion: 98 Resp: 1009444

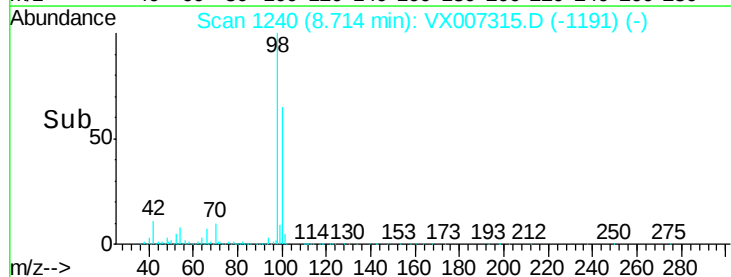
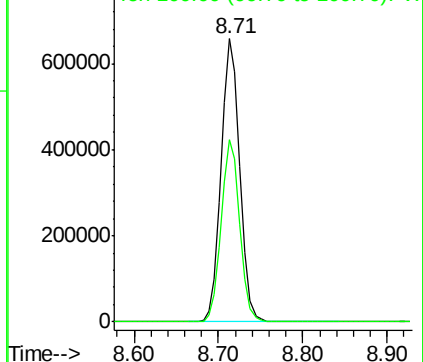
Ion Ratio Lower Upper

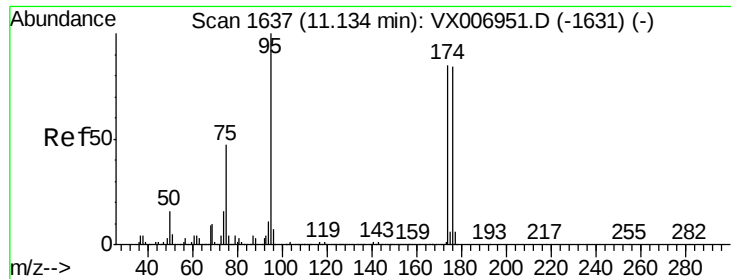
98 100

100 63.8 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

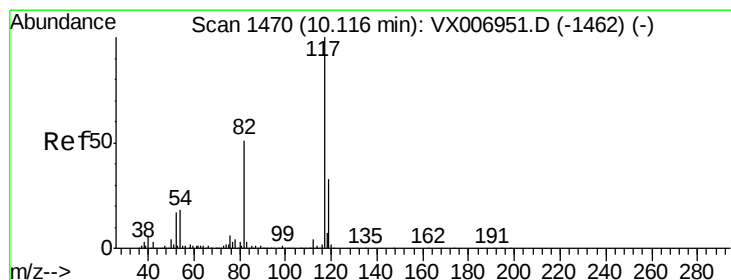
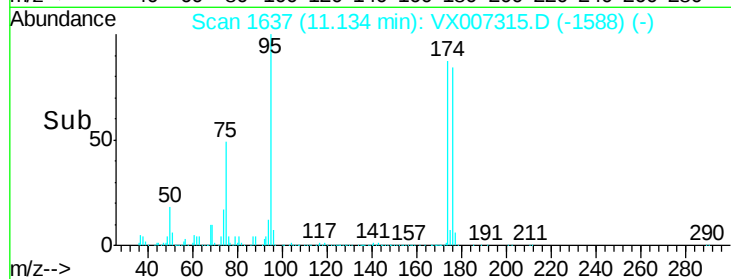
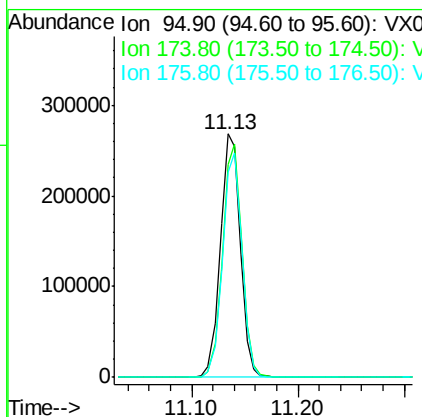
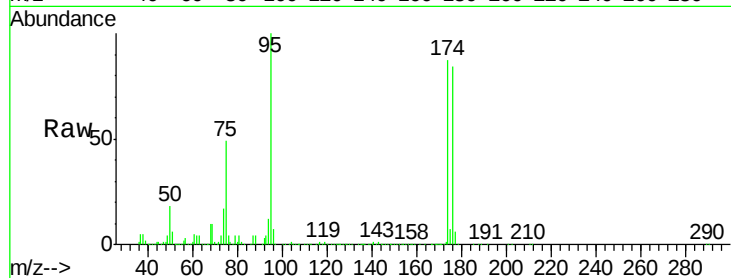




#62
4-Bromofluorobenzene
Concen: 52.256 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007315.D
Acq: 30 Jan 2019 15:24

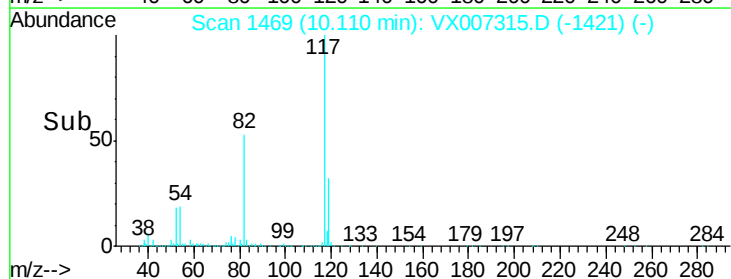
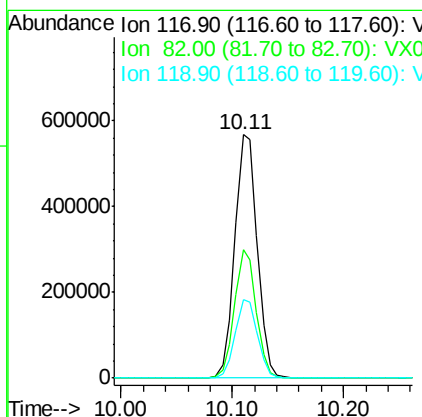
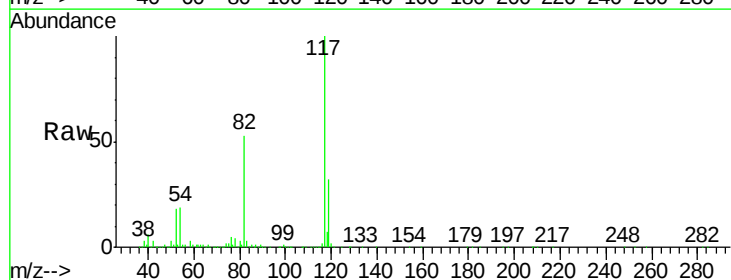
Instrument :
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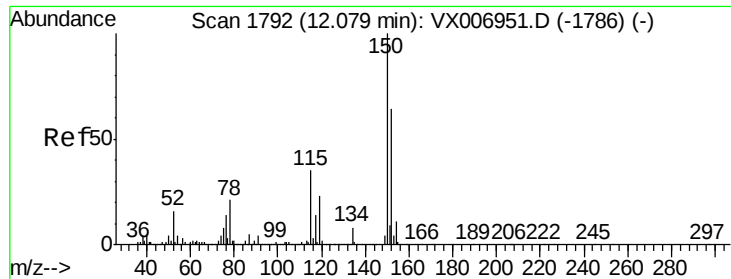
Tot Ion: 95 Resp: 350799
Ion Ratio Lower Upper
95 100
174 93.3 0.0 182.2
176 90.3 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX007315.D
Acq: 30 Jan 2019 15:24

Tgt Ion: 117 Resp: 789817
Ion Ratio Lower Upper
117 100
82 52.8 41.0 61.6
119 32.2 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: VX007315.D

Acq: 30 Jan 2019 15:24

Instrument :

MSVOA_X

ClientSampleId :

TP-1

Tot Ion:152 Resp: 381443

Ion Ratio Lower Upper

152 100

115 55.0 39.1 117.2

150 157.9 0.0 344.8

