

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102218\
 Data File : VX005477.D
 Acq On : 22 Oct 2018 18:20
 Operator : JC/MD
 Sample : PB114041ZHE#02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB114041ZHE#02

Quant Time: Oct 23 02:19:43 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

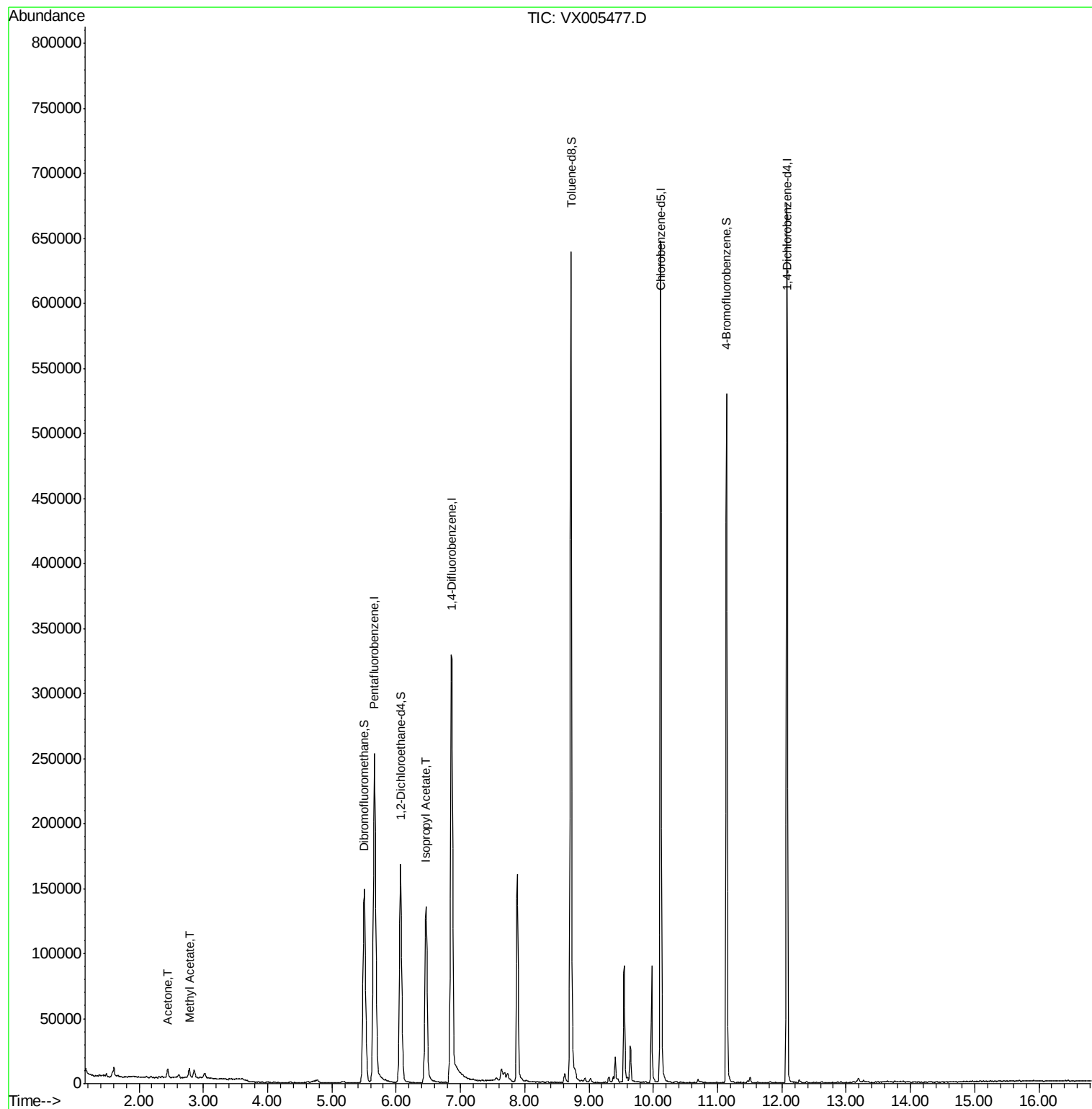
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	252033	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	345133	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	301244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	138492	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	153710	54.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.90%	
35) Dibromofluoromethane	5.49	113	123371	53.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.94%	
50) Toluene-d8	8.72	98	396787	50.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.12%	
62) 4-Bromofluorobenzene	11.14	95	129037	43.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.54%	
Target Compounds						
16) Acetone	2.44	43	6883	4.256	ug/l	89
18) Methyl Acetate	2.78	43	9230	2.006	ug/l	98
43) Isopropyl Acetate	6.46	43	186946	32.647	ug/l	95

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX005477.D

Acq: 22 Oct 2018 18:20

Instrument :

MSVOA_X

ClientSampleId :

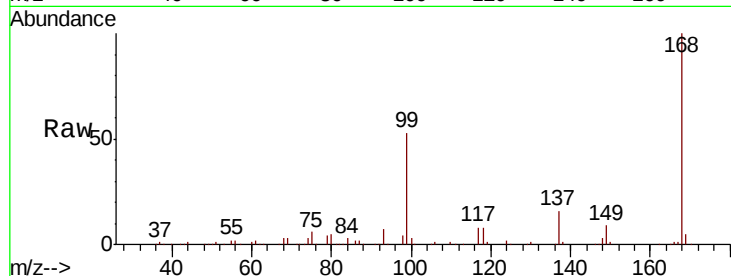
PB114041ZHE#02

Tot Ion:168 Resp: 252033

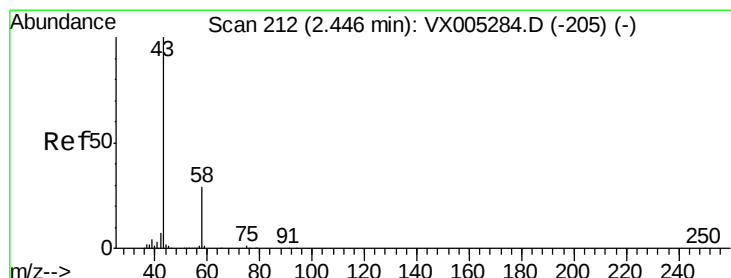
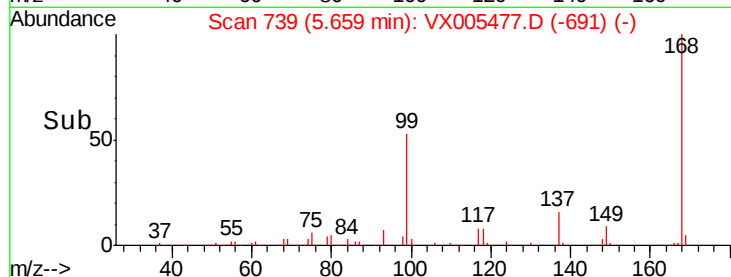
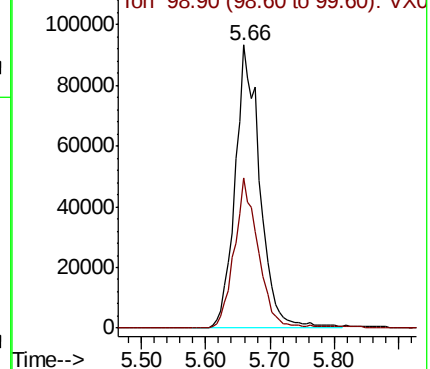
Ion Ratio Lower Upper

168 100

99 53.3 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V



#16

Acetone

Concen: 4.256 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX005477.D

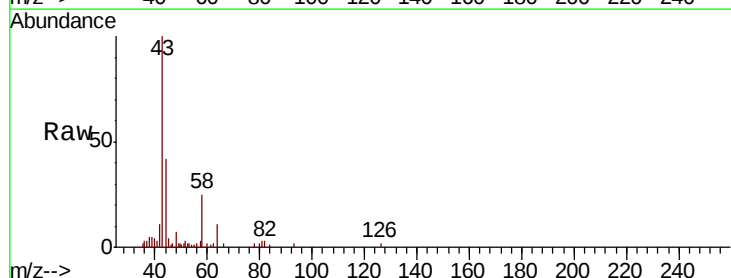
Acq: 22 Oct 2018 18:20

Tgt Ion: 43 Resp: 6883

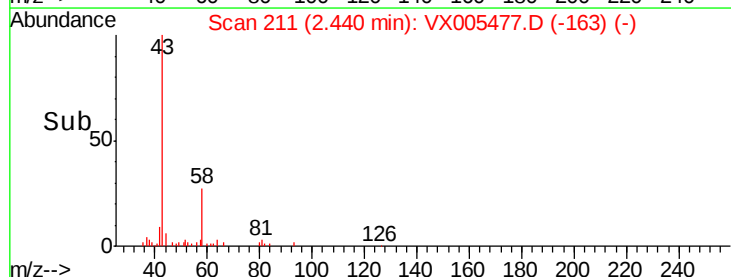
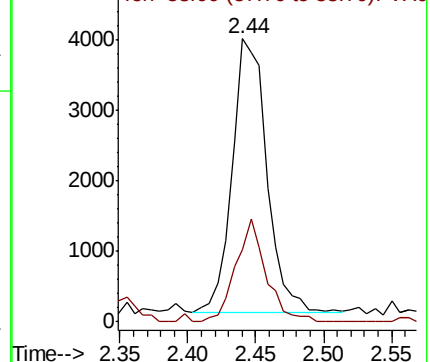
Ion Ratio Lower Upper

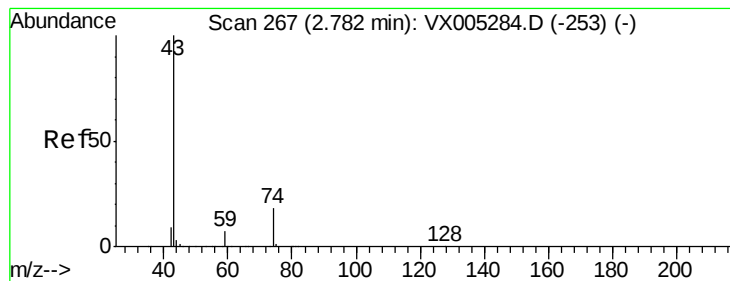
43 100

58 26.3 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0





#18

Methvl Acetate

Concen: 2.006 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX005477.D

Acq: 22 Oct 2018 18:20

Instrument :

MSVOA_X

ClientSampleId :

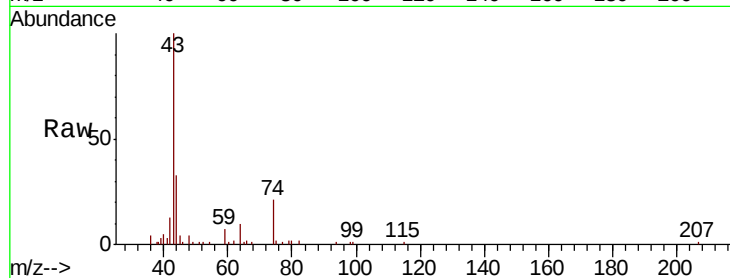
PB114041ZHE#02

Tot Ion: 43 Resp: 9230

Ion Ratio Lower Upper

43 100

74 23.3 19.4 29.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

6000

5000

4000

3000

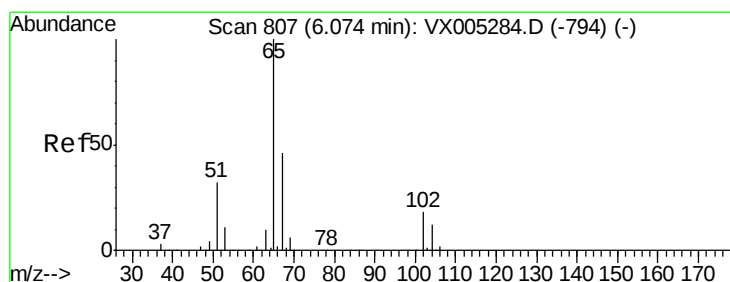
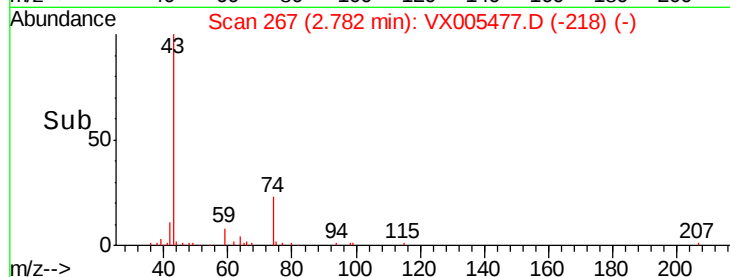
2000

1000

0

Time--> 2.70 2.75 2.80 2.85

2.78



#33

1,2-Dichloroethane-d4

Concen: 54.952 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.01 min

Lab File: VX005477.D

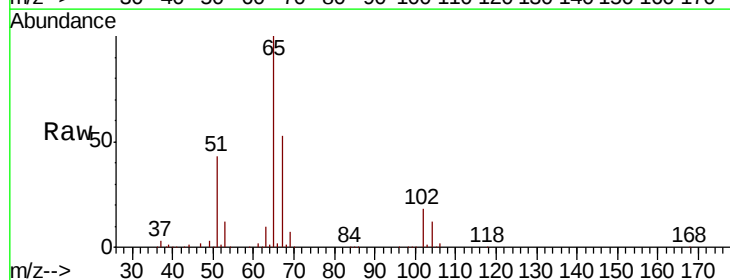
Acq: 22 Oct 2018 18:20

Tgt Ion: 65 Resp: 153710

Ion Ratio Lower Upper

65 100

67 53.5 0.0 106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

60000

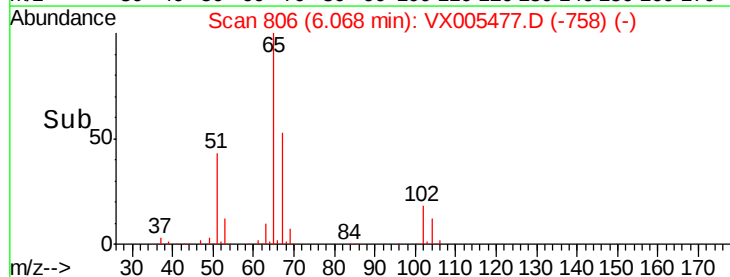
40000

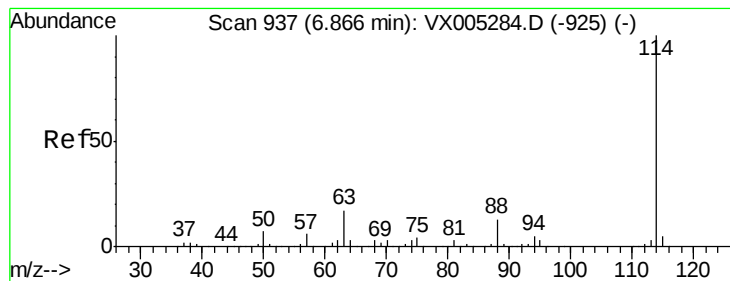
20000

0

Time--> 5.90 6.00 6.10 6.20

6.07





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 937

Delta R.T. 0.00 min

Lab File: VX005477.D

Acq: 22 Oct 2018 18:20

Instrument :

MSVOA_X

ClientSampleId :

PB114041ZHE#02

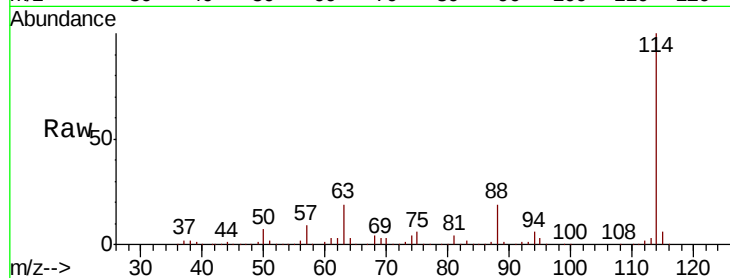
Tot Ion:114 Resp: 345133

Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.0

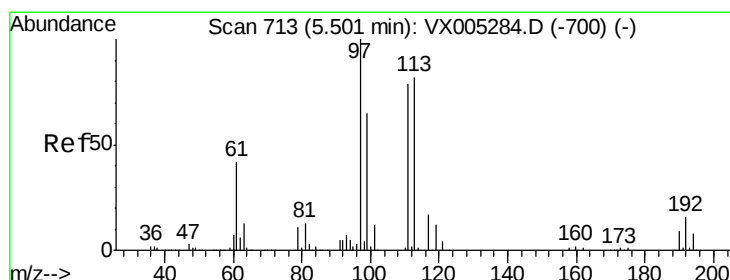
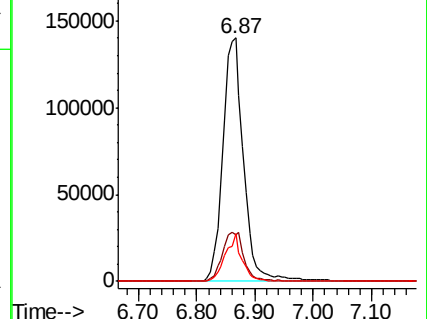
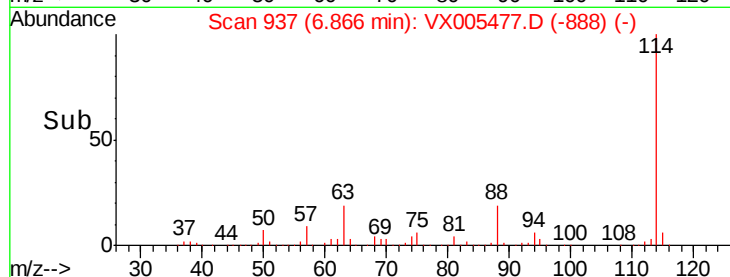
88 19.4 0.0 30.4



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: 53.970 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX005477.D

Acq: 22 Oct 2018 18:20

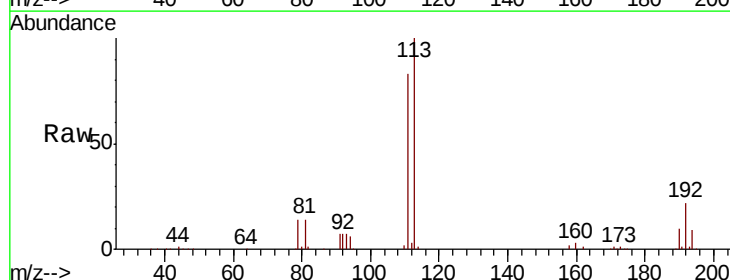
Tgt Ion:113 Resp: 123371

Ion Ratio Lower Upper

113 100

111 102.9 82.4 123.6

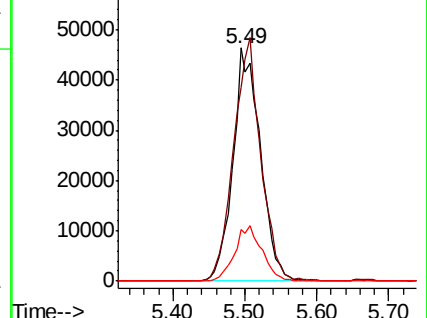
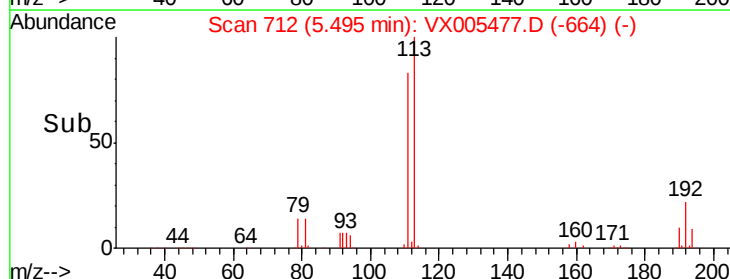
192 23.5 19.4 29.2

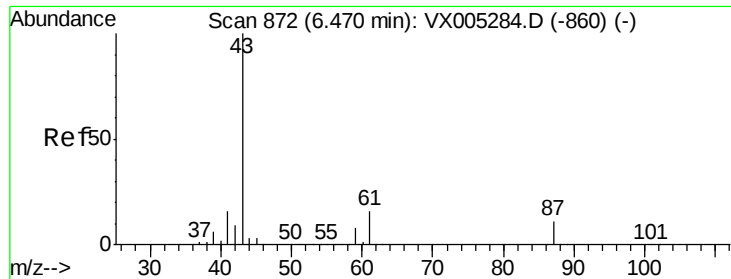


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



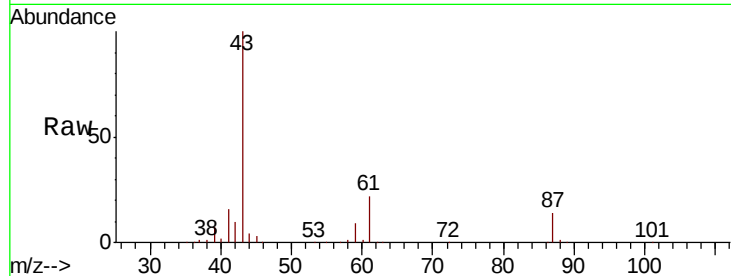


#43

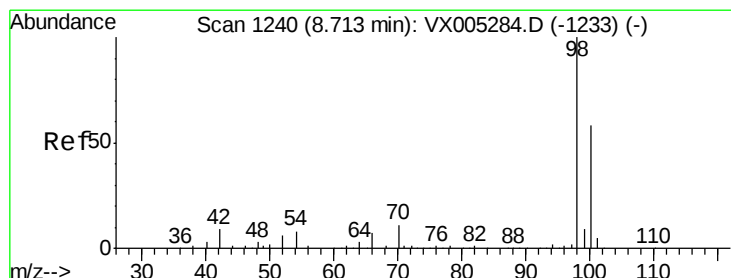
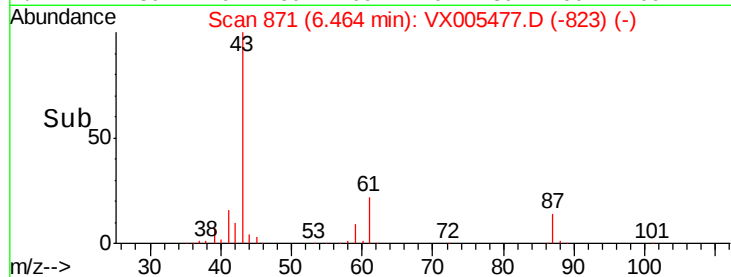
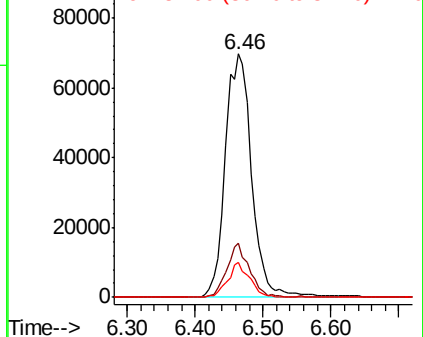
Isopropyl Acetate
 Concen: 32.647 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.01 min
 Lab File: VX005477.D
 Acq: 22 Oct 2018 18:20

Instrument :
 MSVOA_X
 ClientSampleId :
 PB114041ZHE#02

Tot Ion: 43 Resp: 186946
 Ion Ratio Lower Upper
 43 100
 61 19.1 17.0 25.4
 87 12.1 11.4 17.2



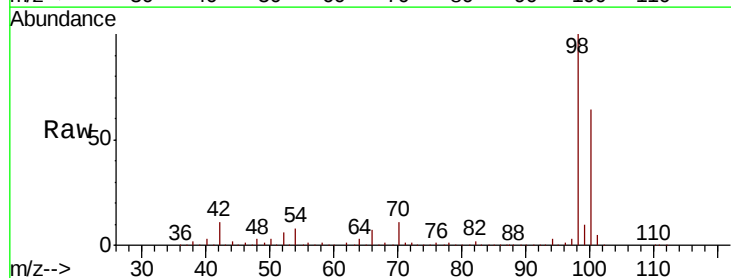
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



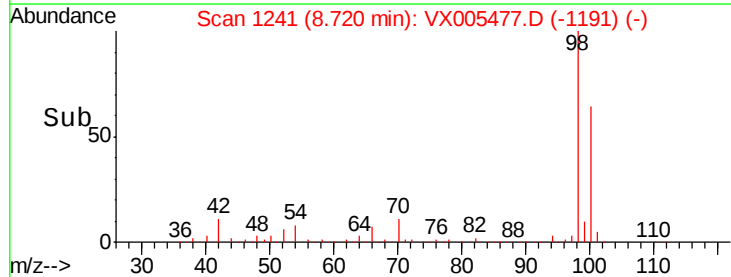
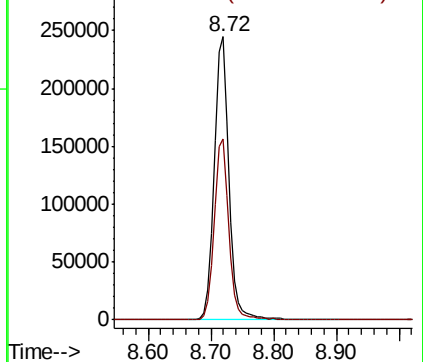
#50

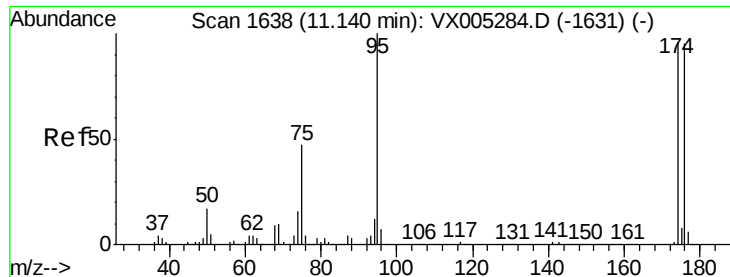
Toluene-d8
 Concen: 50.561 ug/l
 RT: 8.72 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: VX005477.D
 Acq: 22 Oct 2018 18:20

Tgt Ion: 98 Resp: 396787
 Ion Ratio Lower Upper
 98 100
 100 63.8 52.9 79.3



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

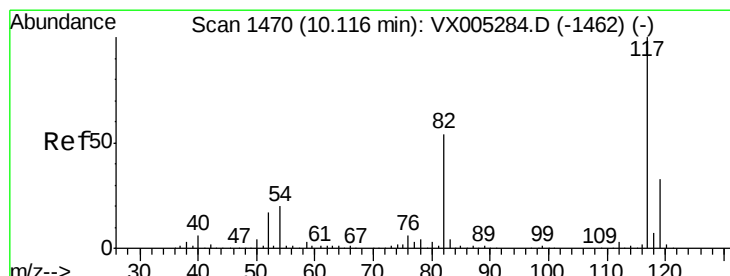
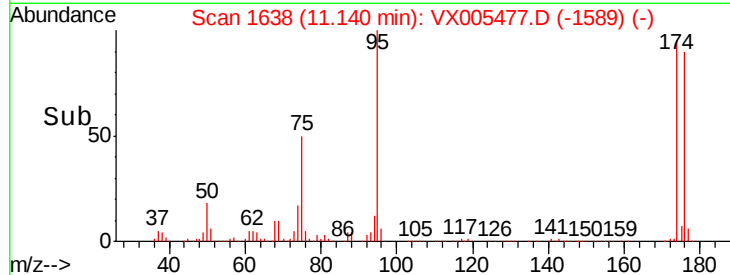
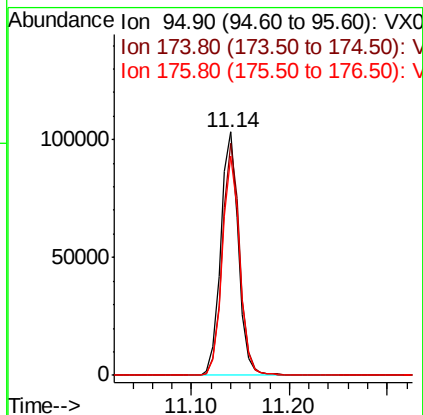
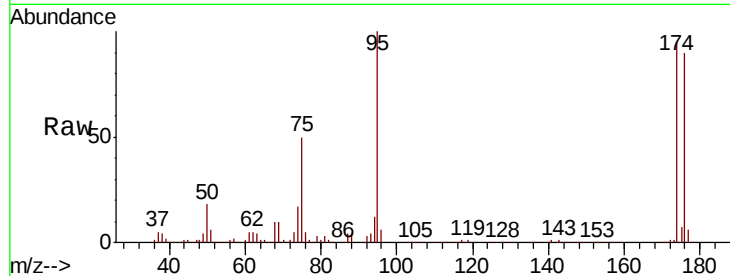




#62
4-Bromofluorobenzene
Concen: 43.770 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005477.D
Acq: 22 Oct 2018 18:20

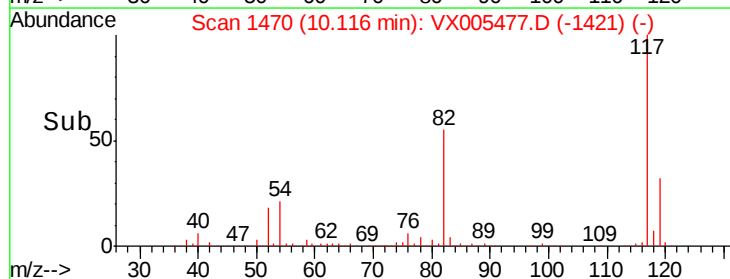
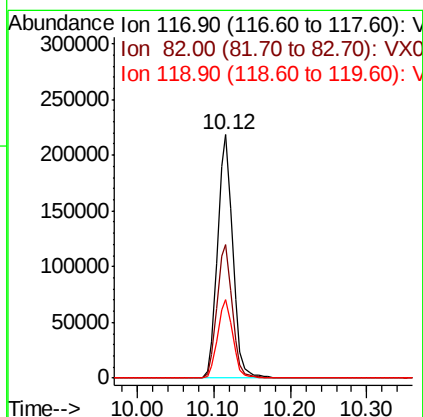
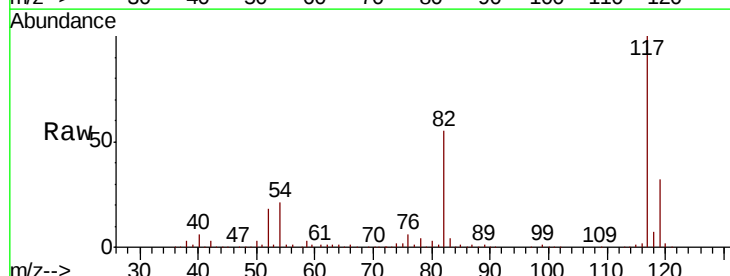
Instrument :
MSVOA_X
ClientSampleId :
PB114041ZHE#02

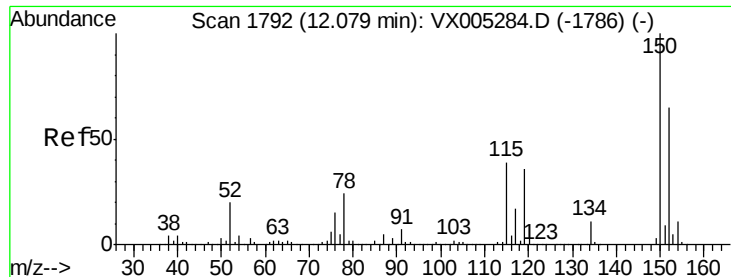
Tot Ion: 95 Resp: 129037
Ion Ratio Lower Upper
95 100
174 94.3 0.0 185.2
176 89.3 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005477.D
Acq: 22 Oct 2018 18:20

Tgt Ion: 117 Resp: 301244
Ion Ratio Lower Upper
117 100
82 54.9 47.8 71.6
119 32.4 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: VX005477.D

Acq: 22 Oct 2018 18:20

Instrument :

MSVOA_X

ClientSampleId :

PB114041ZHE#02

Tot Ion:152 Resp: 138492

Ion Ratio Lower Upper

152 100

115 55.8 39.0 117.0

150 158.0 0.0 351.0

