

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110618\
 Data File : VX005813.D
 Acq On : 06 Nov 2018 17:05
 Operator : JC/MD
 Sample : PB114531ZHE#08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB114531ZHE#08

Quant Time: Nov 07 09:27:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 31 18:23:06 2018
 Response via : Initial Calibration

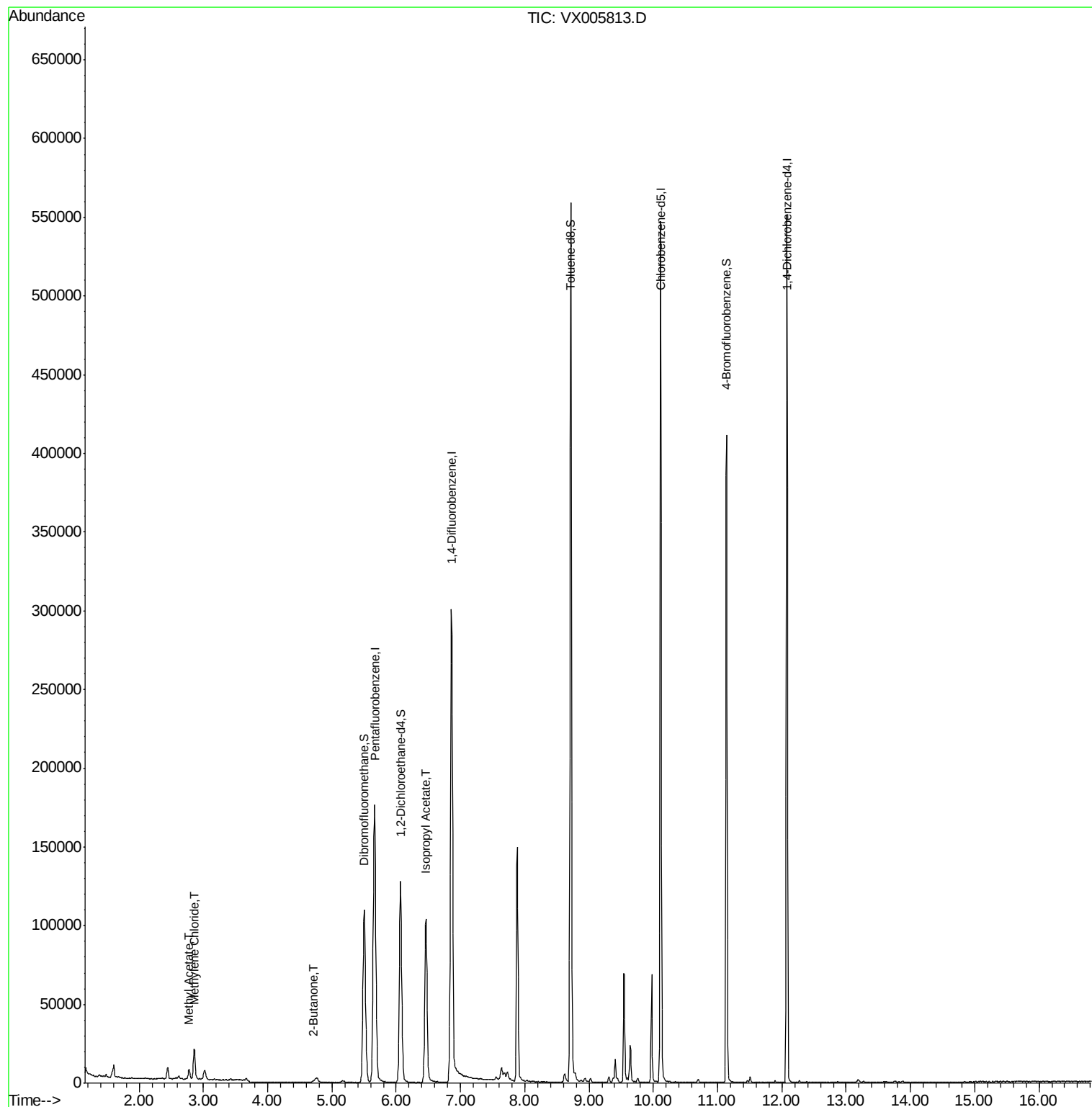
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	165839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	298866	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	241163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	105170	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	124282	51.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.52%	
35) Dibromofluoromethane	5.50	113	94696	45.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.52%	
50) Toluene-d8	8.71	98	344809	47.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.02%	
62) 4-Bromofluorobenzene	11.14	95	106608	39.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.60%	
Target Compounds						
18) Methyl Acetate	2.78	43	8005	2.301	ug/l	92
20) Methylene Chloride	2.86	84	8636	4.130	ug/l	90
25) 2-Butanone	4.71	43	2182	1.067	ug/l #	87
43) Isopropyl Acetate	6.46	43	138773	23.536	ug/l	97

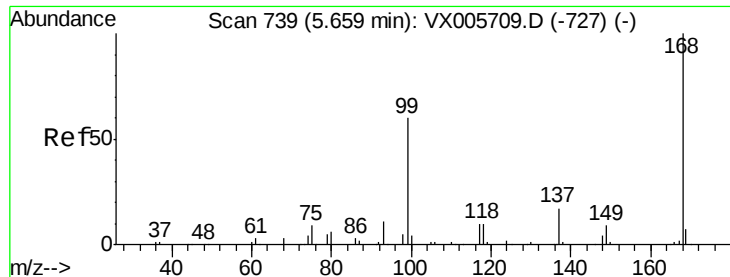
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 31 18:23:06 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005813.D

Acq: 06 Nov 2018 17:05

Instrument :

MSVOA_X

ClientSampleId :

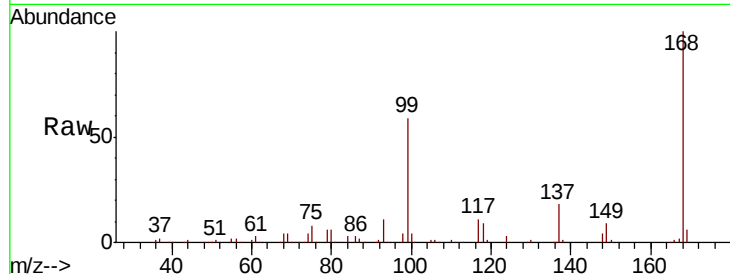
PB114531ZHE#08

Tot Ion:168 Resp: 165839

Ion Ratio Lower Upper

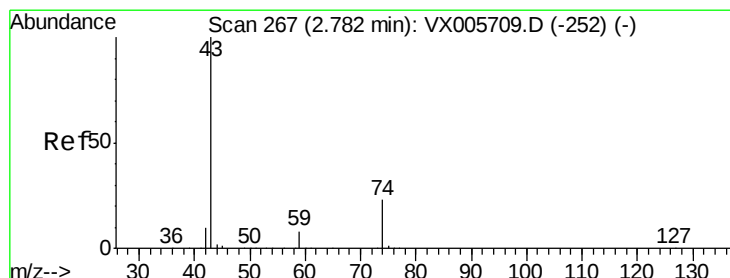
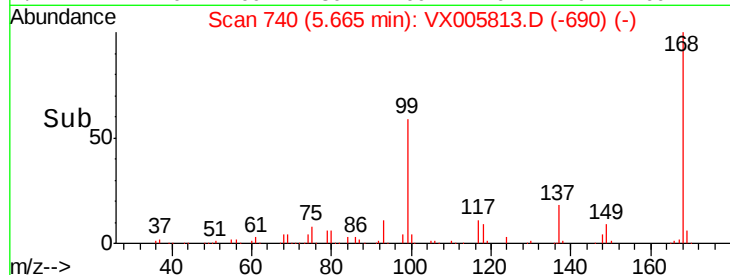
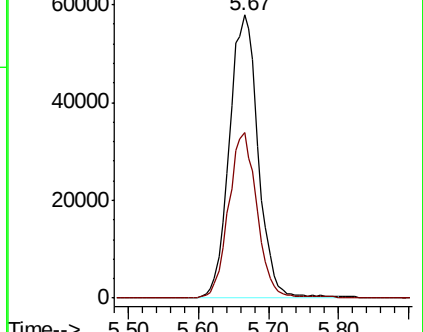
168 100

99 58.4 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#18

Methyl Acetate

Concen: 2.301 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX005813.D

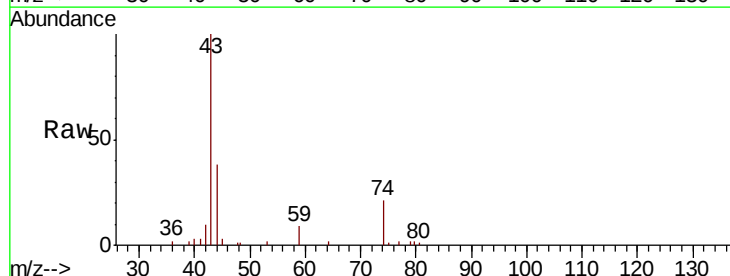
Acq: 06 Nov 2018 17:05

Tgt Ion: 43 Resp: 8005

Ion Ratio Lower Upper

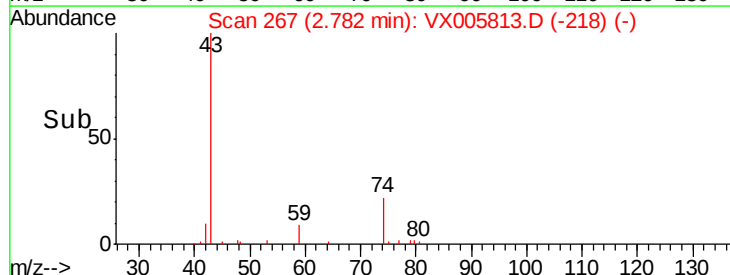
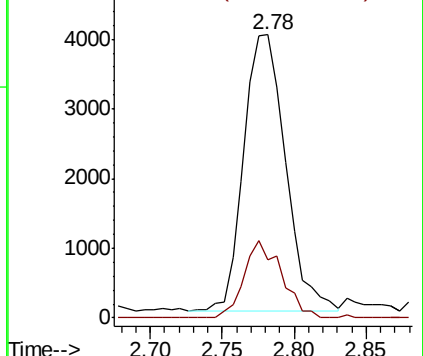
43 100

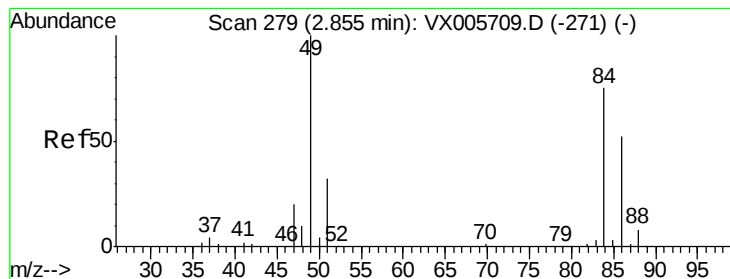
74 24.8 16.8 25.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#20

Methvlene Chloride

Concen: 4.130 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX005813.D

Acq: 06 Nov 2018 17:05

Instrument :

MSVOA_X

ClientSampleId :

PB114531ZHE#08

Tot Ion: 84 Resp: 8636

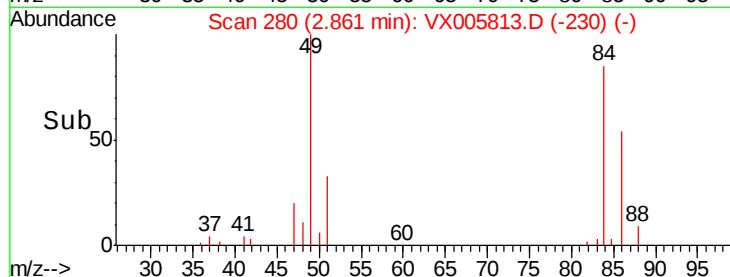
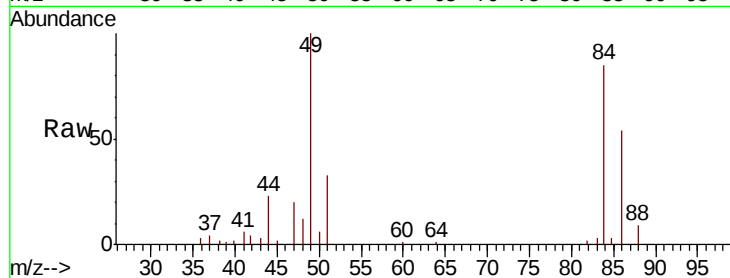
Ion Ratio Lower Upper

84 100

49 118.0 109.5 164.3

51 39.4 33.3 49.9

86 63.7 52.7 79.1

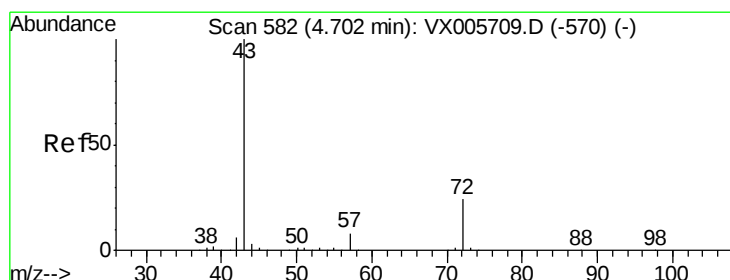
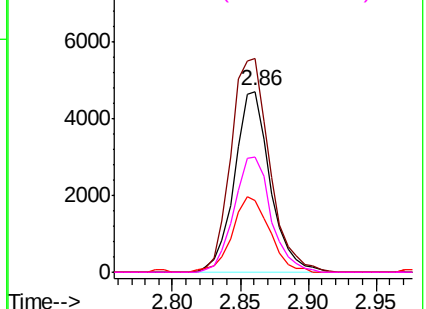


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#25

2-Butanone

Concen: 1.067 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX005813.D

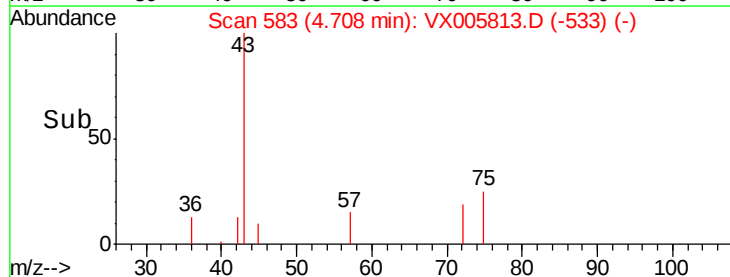
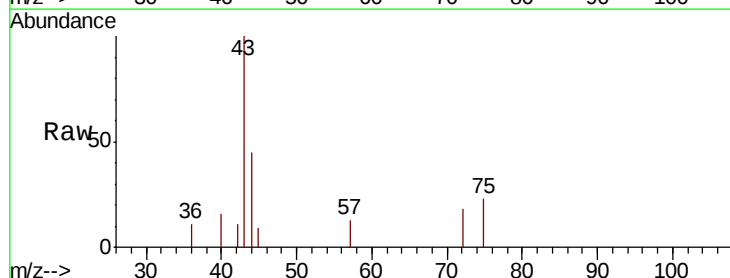
Acq: 06 Nov 2018 17:05

Tgt Ion: 43 Resp: 2182

Ion Ratio Lower Upper

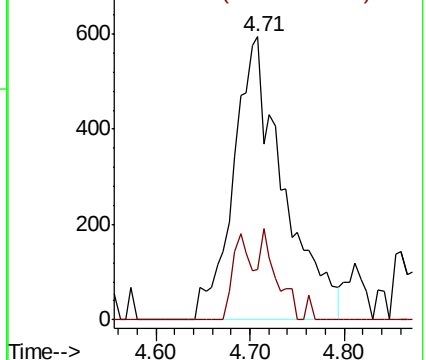
43 100

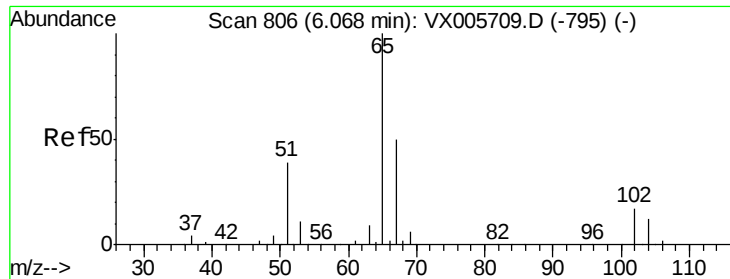
72 17.7 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

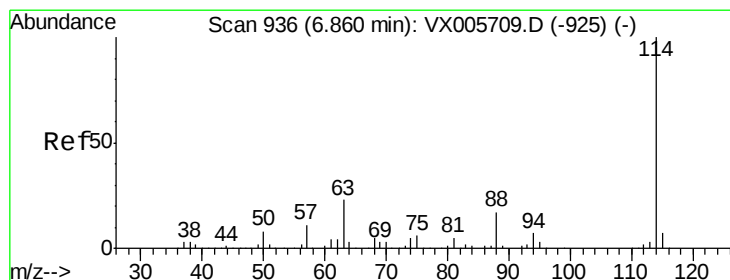
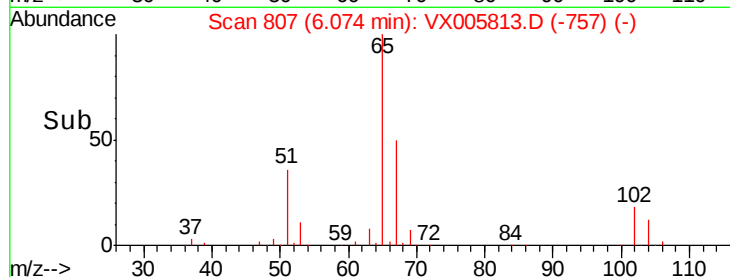
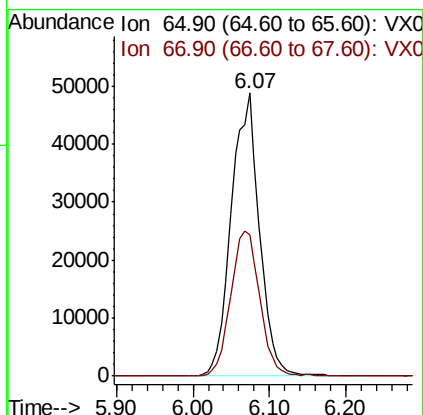
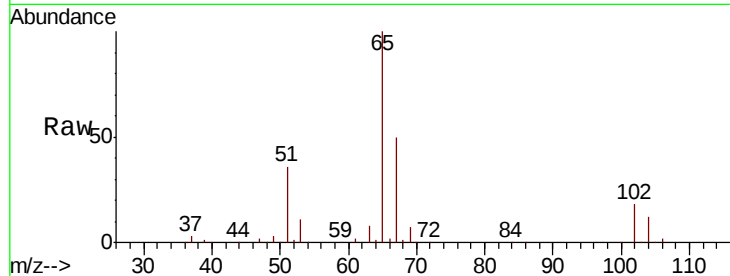




#33
 1,2-Dichloroethane-d4
 Concen: 51.259 ug/l
 RT: 6.07 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX005813.D
 Acq: 06 Nov 2018 17:05

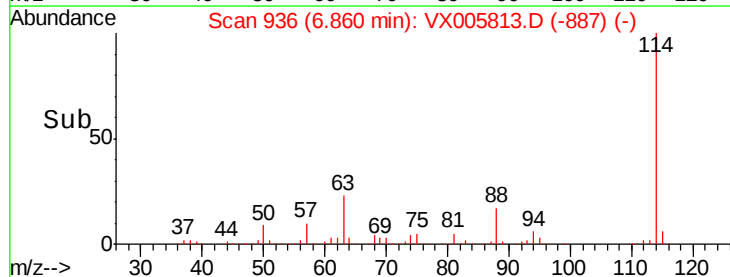
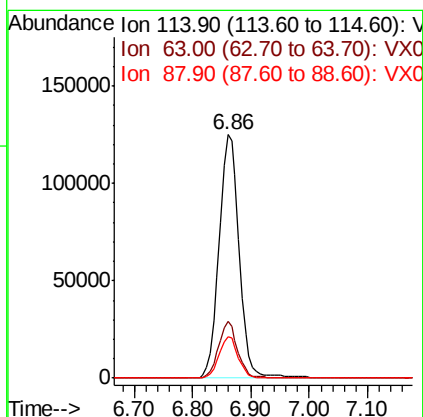
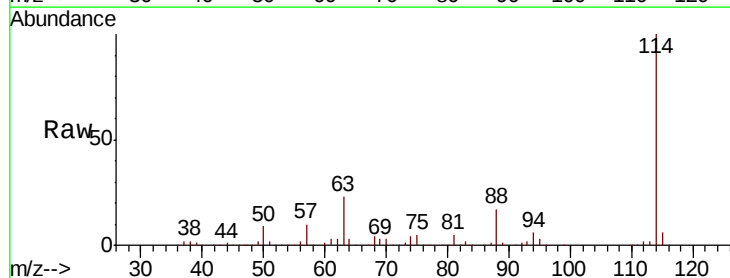
Instrument :
 MSVOA_X
 ClientSampleId :
 PB114531ZHE#08

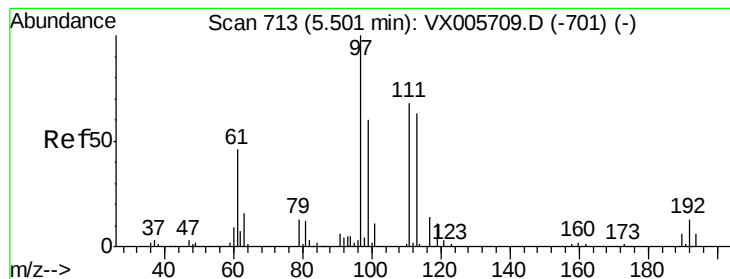
Tot Ion: 65 Resp: 124282
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX005813.D
 Acq: 06 Nov 2018 17:05

Tgt Ion: 114 Resp: 298866
 Ion Ratio Lower Upper
 114 100
 63 23.2 0.0 42.8
 88 17.1 0.0 31.2





#35

Dibromofluoromethane

Concen: 45.761 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX005813.D

Acq: 06 Nov 2018 17:05

Instrument :

MSVOA_X

ClientSampleId :

PB114531ZHE#08

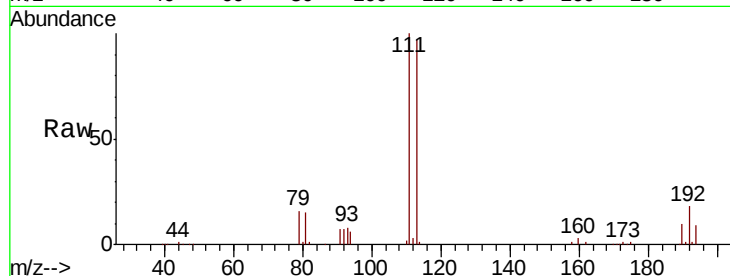
Tot Ion:113 Resp: 94696

Ion Ratio Lower Upper

113 100

111 102.2 82.3 123.5

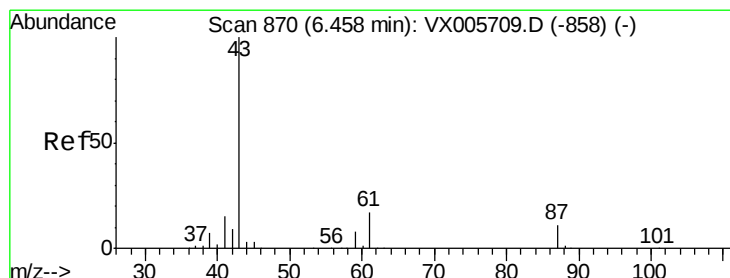
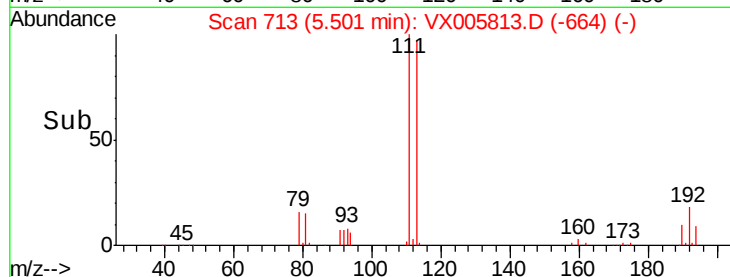
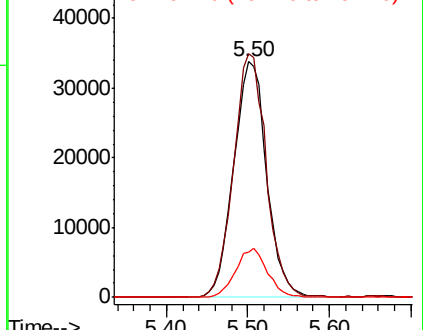
192 20.0 17.9 26.9



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: 23.536 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX005813.D

Acq: 06 Nov 2018 17:05

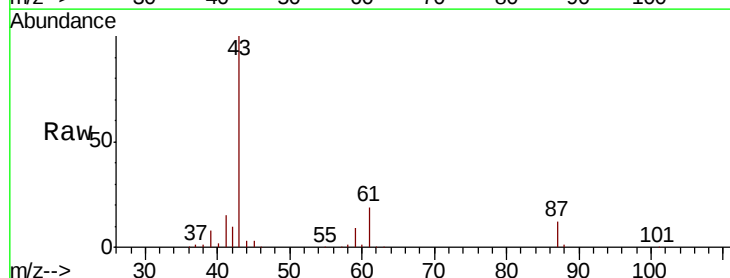
Tgt Ion: 43 Resp: 138773

Ion Ratio Lower Upper

43 100

61 19.8 14.6 22.0

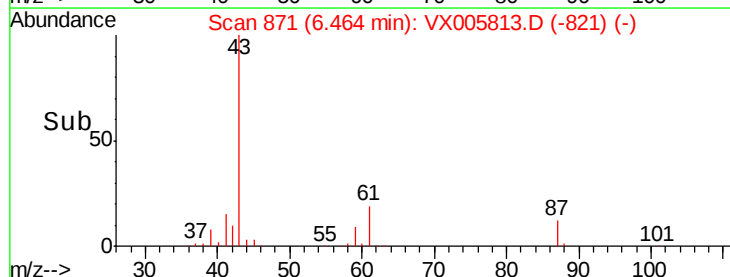
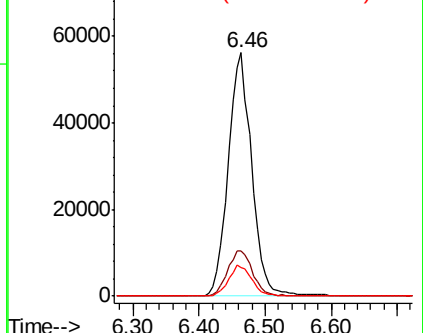
87 12.7 9.6 14.4

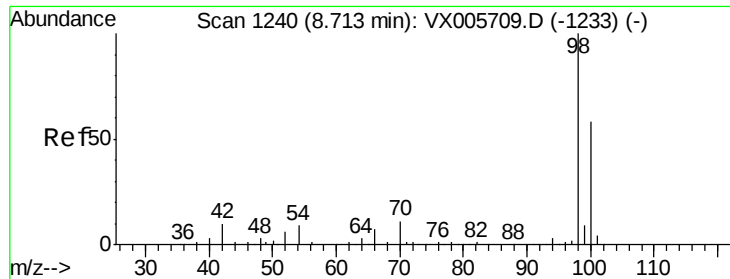


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 47.508 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX005813.D

Acq: 06 Nov 2018 17:05

Instrument :

MSVOA_X

ClientSampleId :

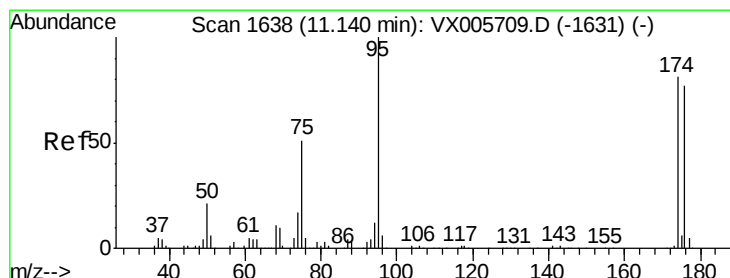
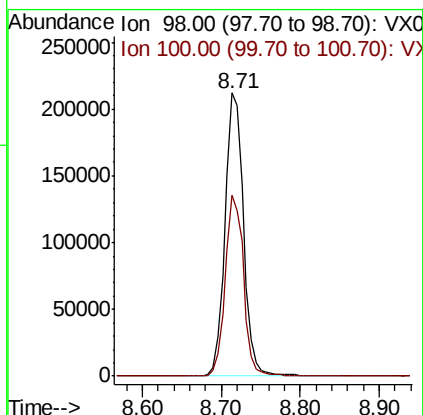
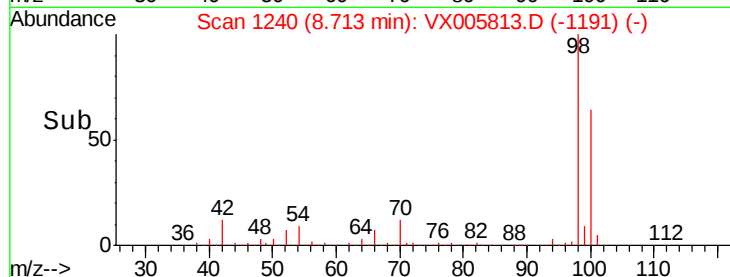
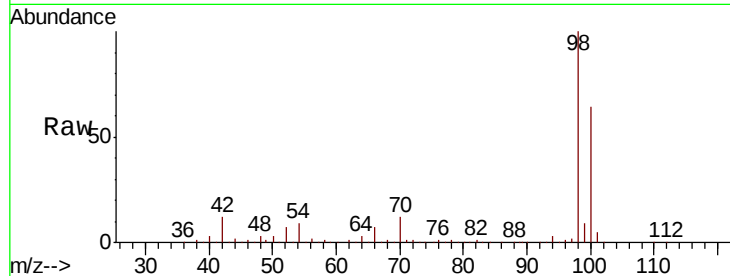
PB114531ZHE#08

Tot Ion: 98 Resp: 344809

Ion Ratio Lower Upper

98 100

100 63.4 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 39.798 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005813.D

Acq: 06 Nov 2018 17:05

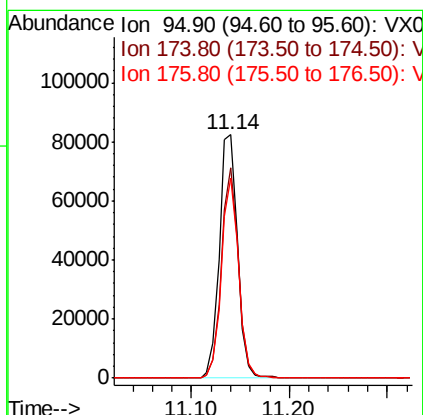
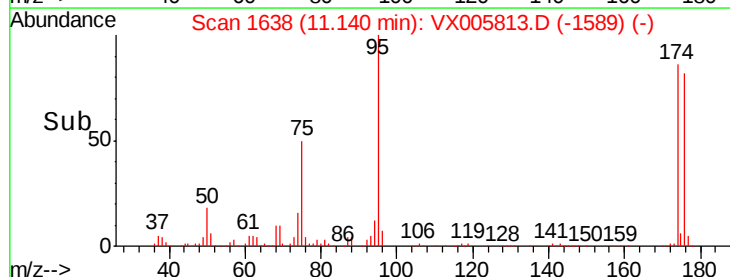
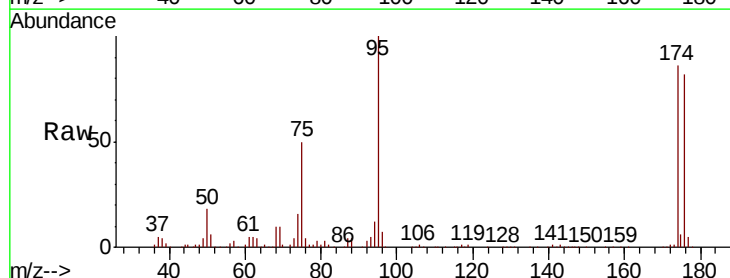
Tgt Ion: 95 Resp: 106608

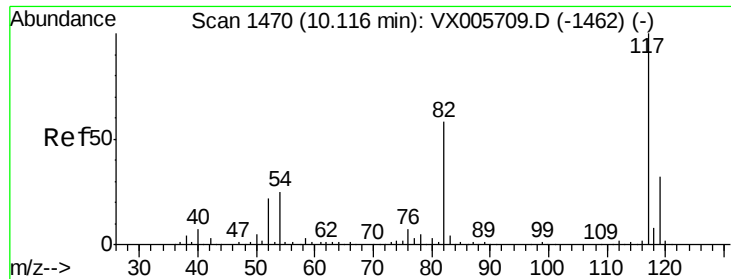
Ion Ratio Lower Upper

95 100

174 80.2 0.0 184.4

176 77.5 0.0 177.4

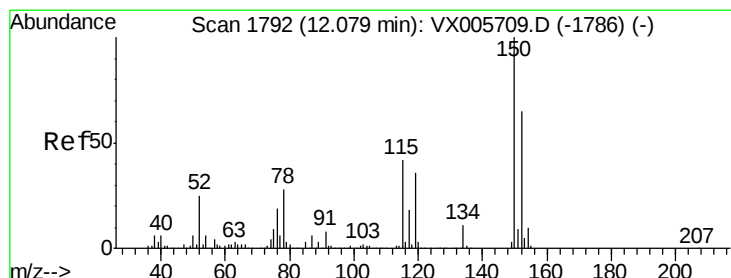
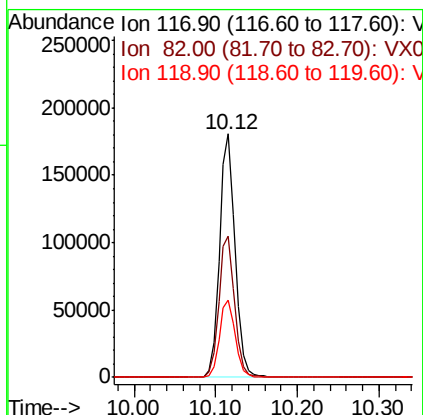
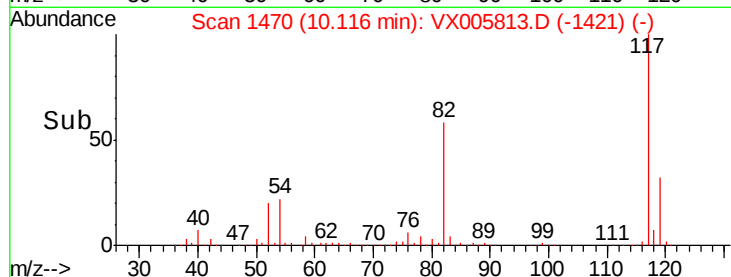
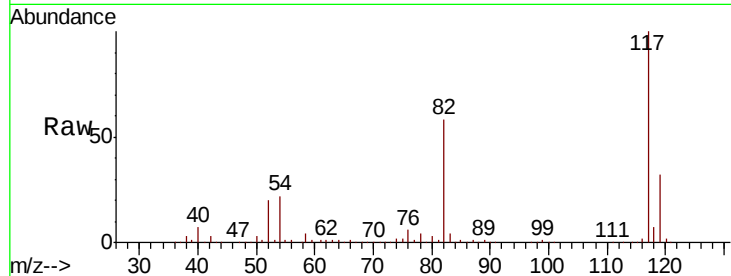




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005813.D
Acq: 06 Nov 2018 17:05

Instrument :
MSVOA_X
ClientSampleId :
PB114531ZHE#08

Tot Ion:117 Resp: 241163
Ion Ratio Lower Upper
117 100
82 58.2 44.1 66.1
119 31.6 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005813.D
Acq: 06 Nov 2018 17:05

Tgt Ion:152 Resp: 105170
Ion Ratio Lower Upper
152 100
115 59.5 39.4 118.1
150 155.8 0.0 346.4

