

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102218\
 Data File : VX005475.D
 Acq On : 22 Oct 2018 17:26
 Operator : JC/MD
 Sample : PB114041ZHE#05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB114041ZHE#05

Quant Time: Oct 23 02:13:42 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

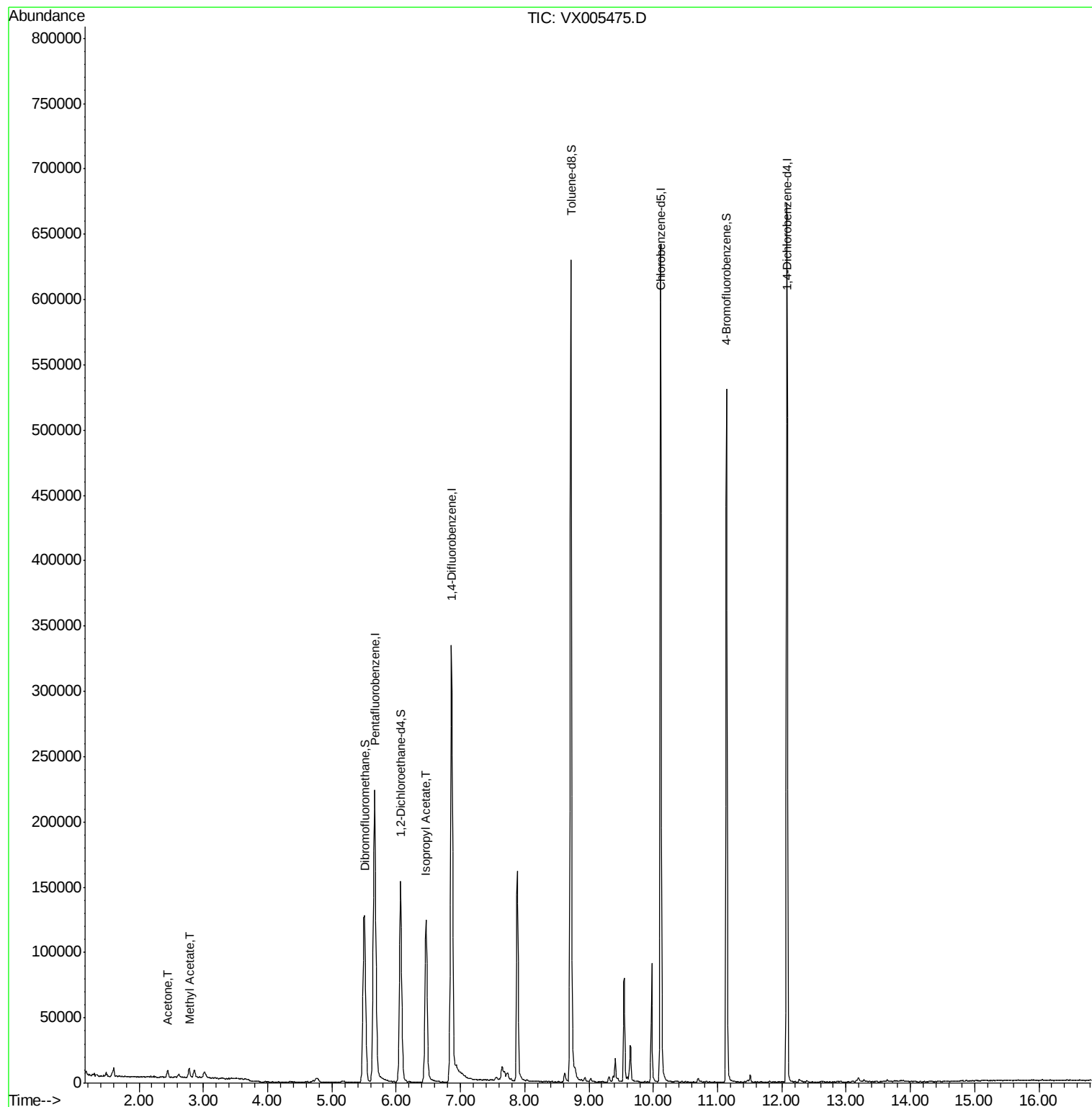
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	221712	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	338968	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	301567	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	140910	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	139042	56.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.02%	
35) Dibromofluoromethane	5.51	113	116407	51.85	ug/l	0.01
Spiked Amount 50.000			Recovery	=	103.70%	
50) Toluene-d8	8.72	98	398405	51.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.38%	
62) 4-Bromofluorobenzene	11.14	95	129938	44.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.76%	
Target Compounds						
16) Acetone	2.45	43	6093	4.283	ug/l	98
18) Methyl Acetate	2.78	43	8855	2.188	ug/l	95
43) Isopropyl Acetate	6.46	43	162771	28.943	ug/l	96

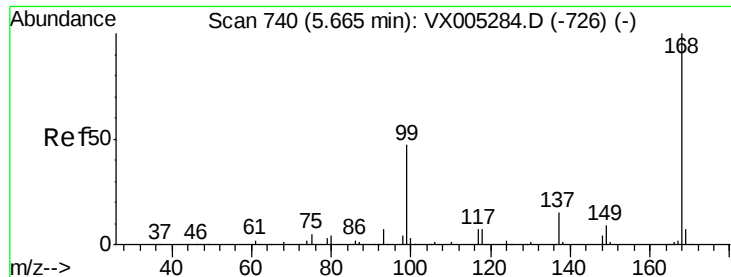
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX005475.D

Acq: 22 Oct 2018 17:26

Instrument :

MSVOA_X

ClientSampleId :

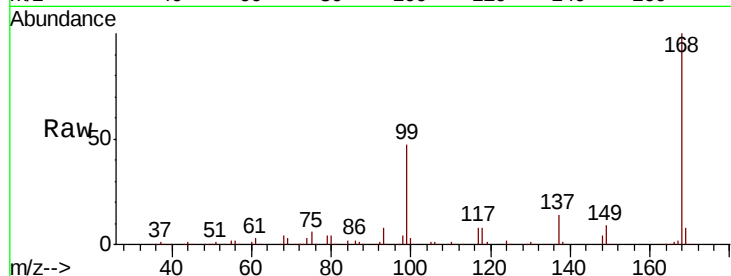
PB114041ZHE#05

Tot Ion:168 Resp: 221712

Ion Ratio Lower Upper

168 100

99 47.3 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): VX005284.D (-726) (-)

Ion 98.90 (98.60 to 99.60): VX005284.D (-726) (-)

5.67

80000

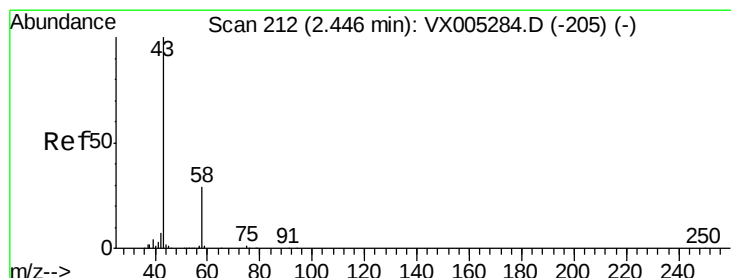
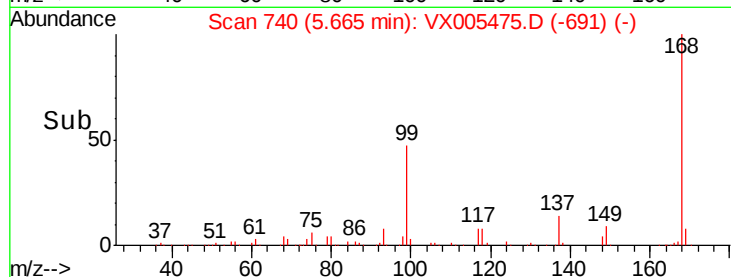
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 4.283 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005475.D

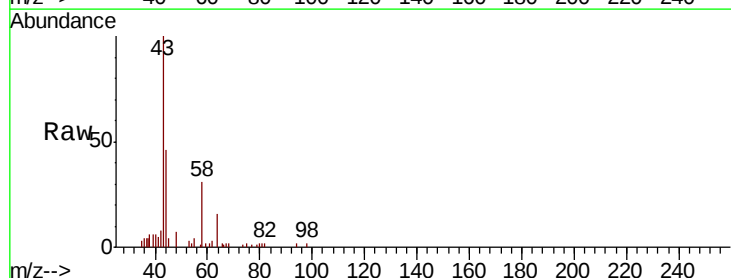
Acq: 22 Oct 2018 17:26

Tgt Ion: 43 Resp: 6093

Ion Ratio Lower Upper

43 100

58 31.9 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX005284.D (-205) (-)

Ion 58.00 (57.70 to 58.70): VX005284.D (-205) (-)

2.45

4000

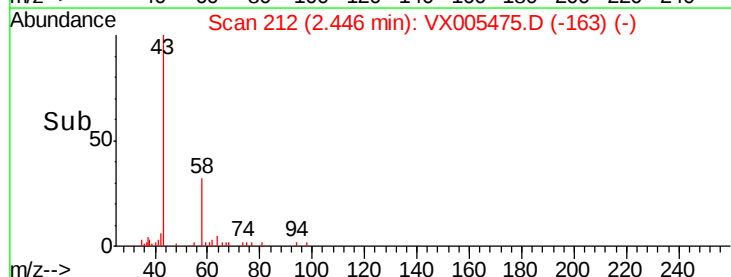
3000

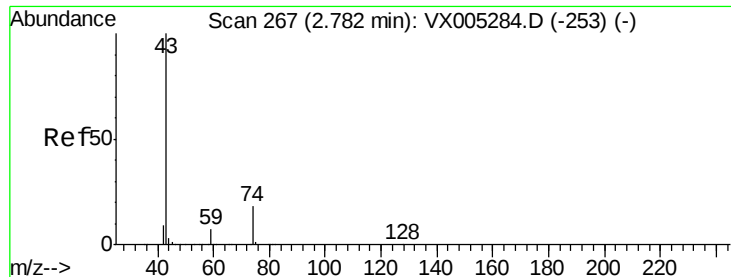
2000

1000

0

Time--> 2.35 2.40 2.45 2.50 2.55

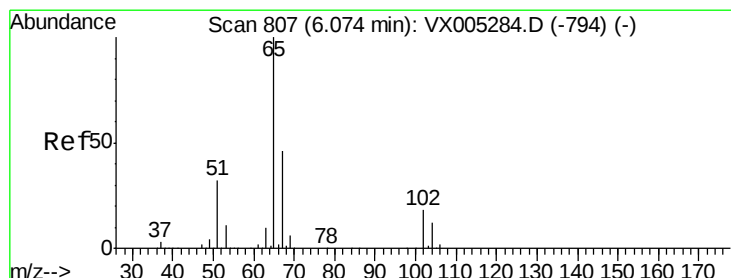
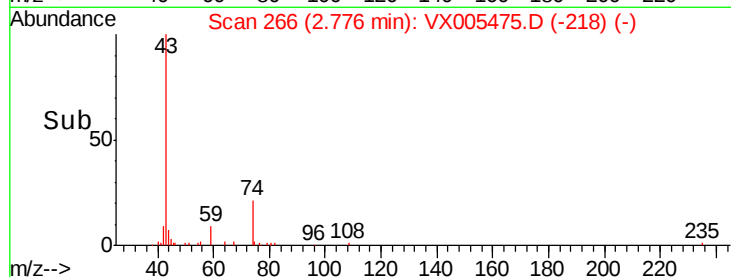
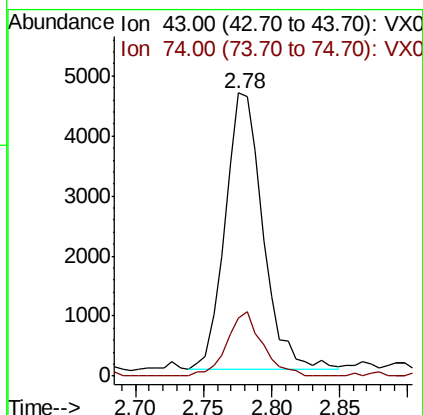
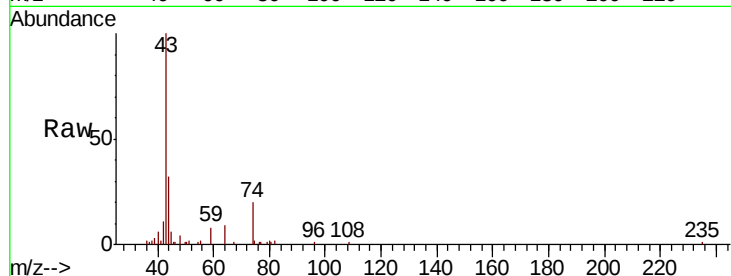




#18
Methvl Acetate
Concen: 2.188 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005475.D
Acq: 22 Oct 2018 17:26

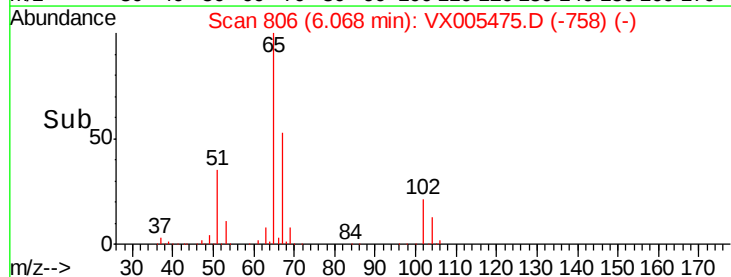
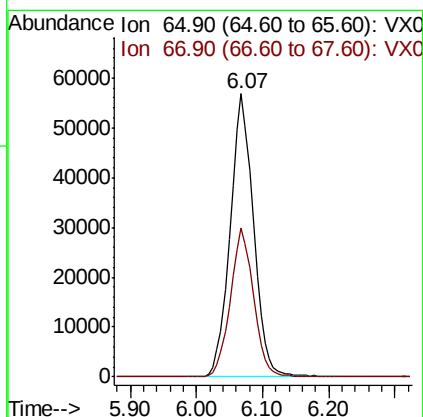
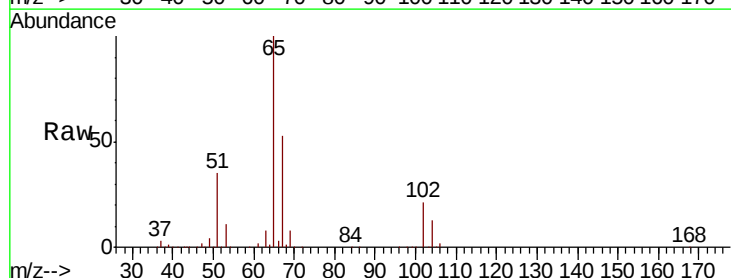
Instrument :
MSVOA_X
ClientSampleId :
PB114041ZHE#05

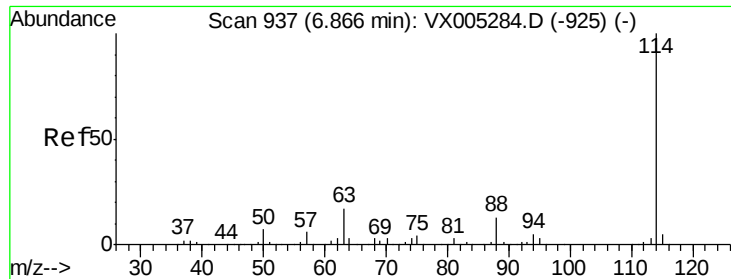
Tot Ion: 43 Resp: 8855
Ion Ratio Lower Upper
43 100
74 22.0 19.4 29.2



#33
1,2-Dichloroethane-d4
Concen: 56.506 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX005475.D
Acq: 22 Oct 2018 17:26

Tgt Ion: 65 Resp: 139042
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.8

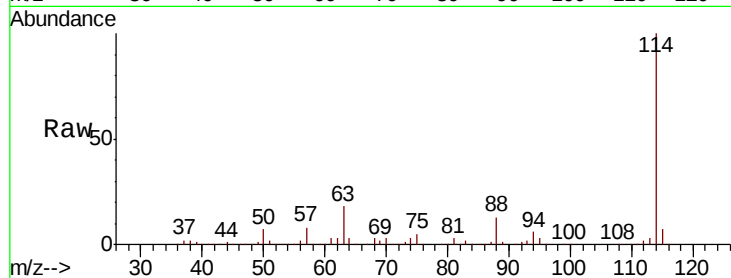




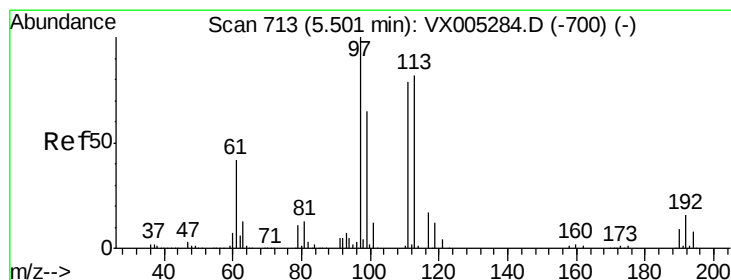
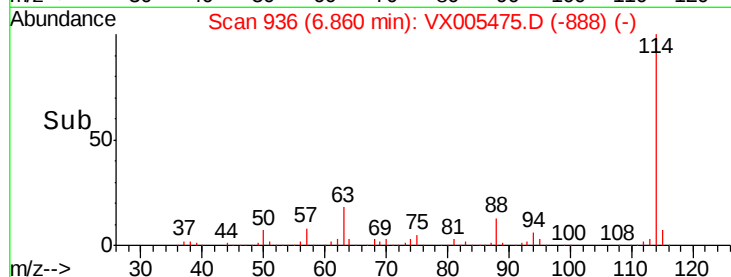
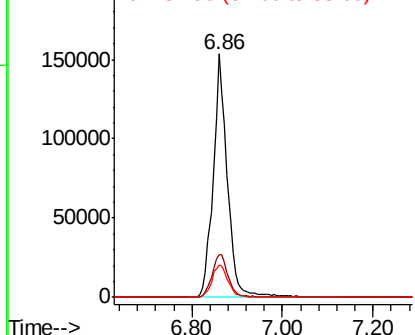
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: VX005475.D
 Acq: 22 Oct 2018 17:26

Instrument :
 MSVOA_X
 ClientSampleId :
 PB114041ZHE#05

Tot Ion:114 Resp: 338968
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 39.0
 88 13.3 0.0 30.4

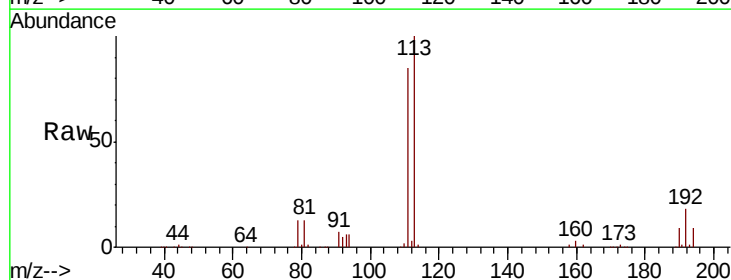


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

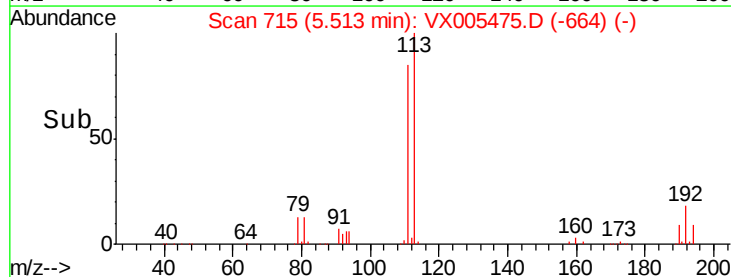
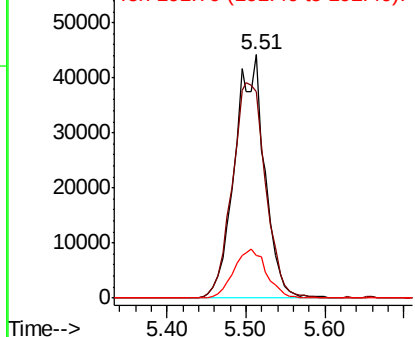


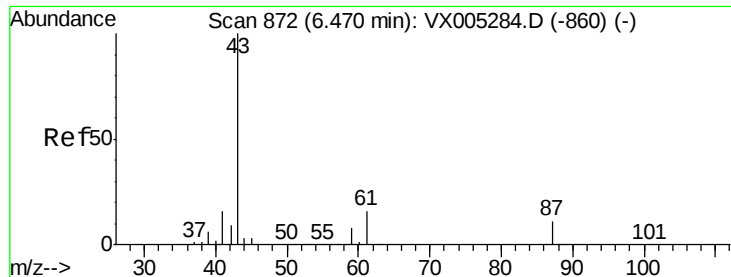
#35
 Dibromofluoromethane
 Concen: 51.850 ug/l
 RT: 5.51 min Scan# 715
 Delta R.T. 0.01 min
 Lab File: VX005475.D
 Acq: 22 Oct 2018 17:26

Tgt Ion:113 Resp: 116407
 Ion Ratio Lower Upper
 113 100
 111 98.3 82.4 123.6
 192 22.0 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: 28.943 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.01 min

Lab File: VX005475.D

Acq: 22 Oct 2018 17:26

Instrument :

MSVOA_X

ClientSampleId :

PB114041ZHE#05

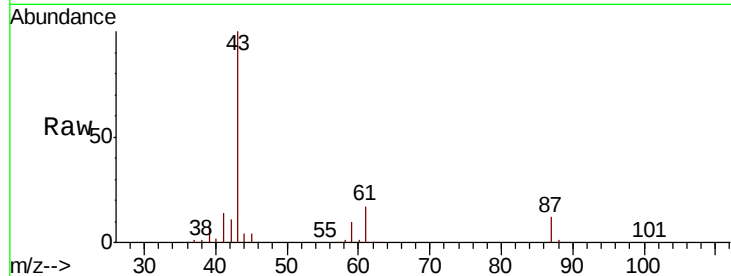
Tot Ion: 43 Resp: 162771

Ion Ratio Lower Upper

43 100

61 19.3 17.0 25.4

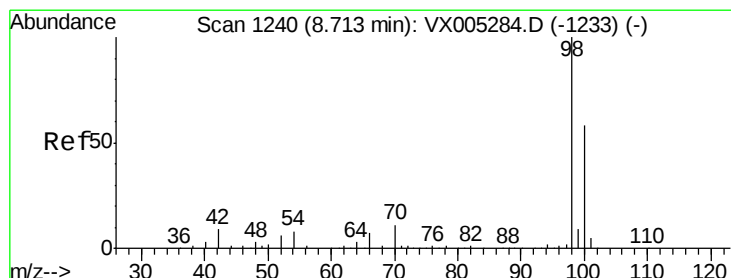
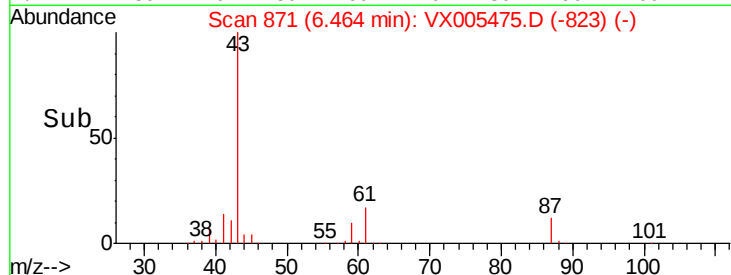
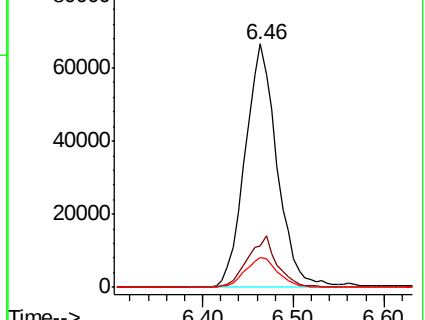
87 12.4 11.4 17.2



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: 51.691 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VX005475.D

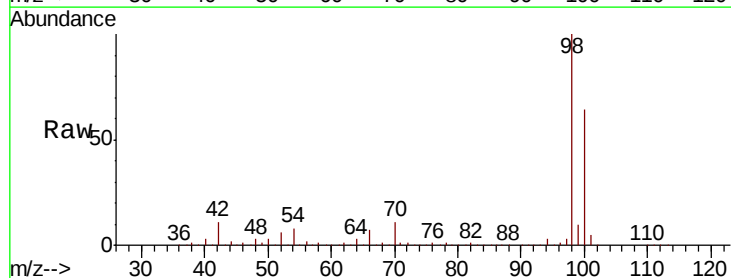
Acq: 22 Oct 2018 17:26

Tgt Ion: 98 Resp: 398405

Ion Ratio Lower Upper

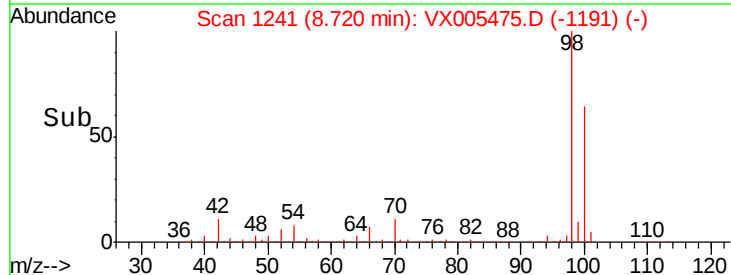
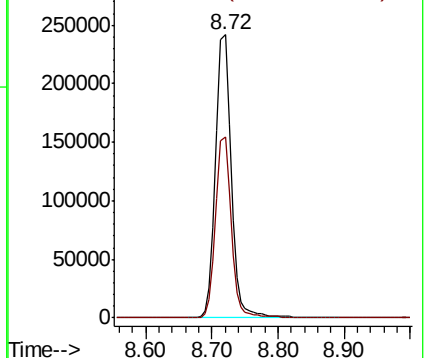
98 100

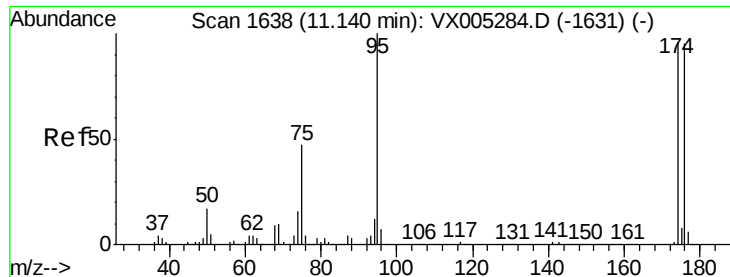
100 63.6 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

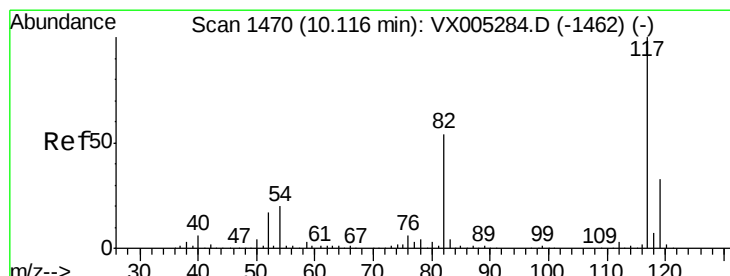
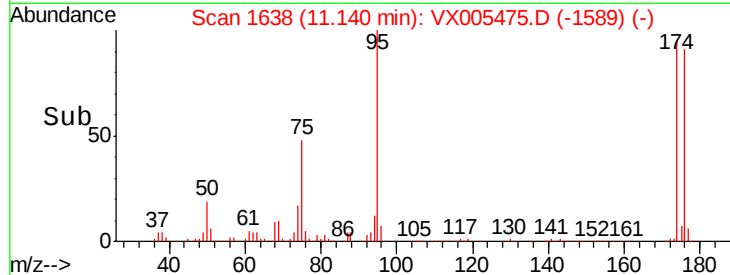
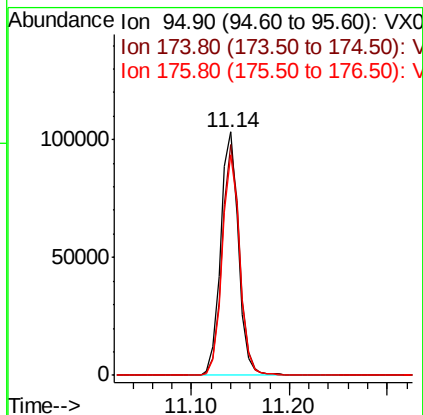
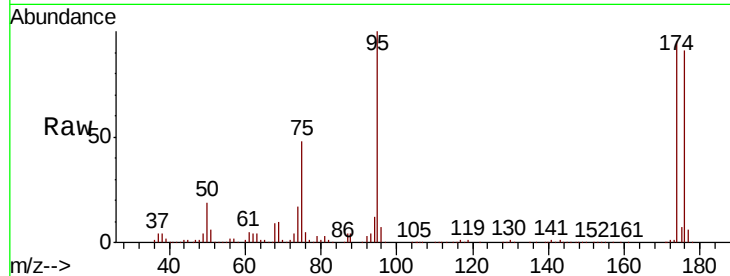




#62
4-Bromofluorobenzene
Concen: 44.877 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX005475.D
Acq: 22 Oct 2018 17:26

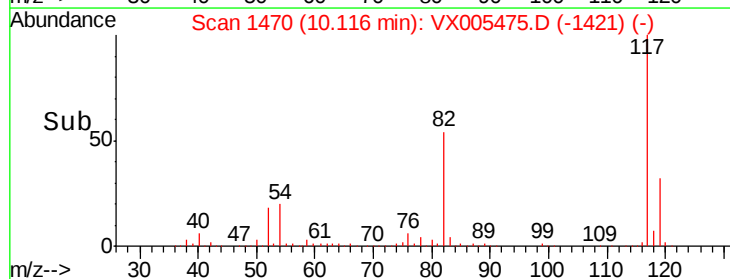
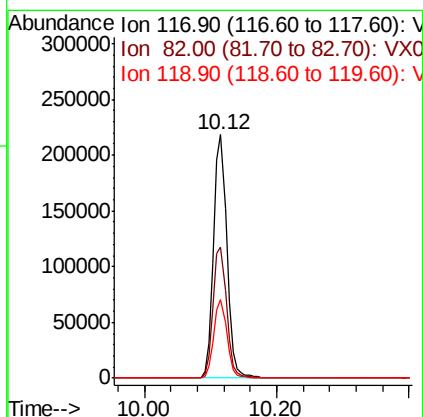
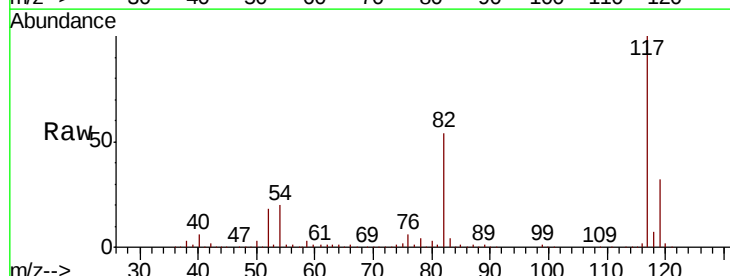
Instrument :
MSVOA_X
ClientSampleId :
PB114041ZHE#05

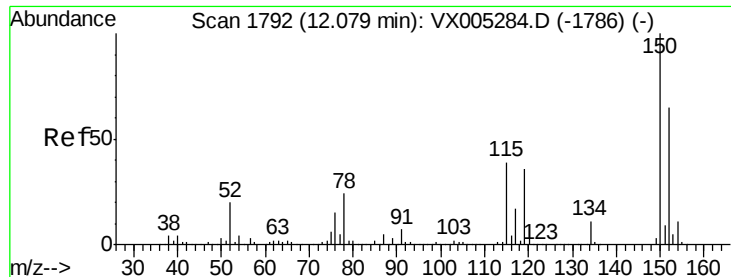
Tot Ion: 95 Resp: 129938
Ion Ratio Lower Upper
95 100
174 94.1 0.0 185.2
176 89.9 0.0 178.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005475.D
Acq: 22 Oct 2018 17:26

Tgt Ion: 117 Resp: 301567
Ion Ratio Lower Upper
117 100
82 53.9 47.8 71.6
119 32.1 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: VX005475.D
 Acq: 22 Oct 2018 17:26

Instrument :
 MSVOA_X
 ClientSampleId :
 PB114041ZHE#05

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.2	39.0	117.0
150	157.0	0.0	351.0

