

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100318\
 Data File : VX004927.D
 Acq On : 02 Oct 2018 19:01
 Operator : JC/MD
 Sample : PB113364ZHE#04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB113364ZHE#04

Quant Time: Oct 03 05:58:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

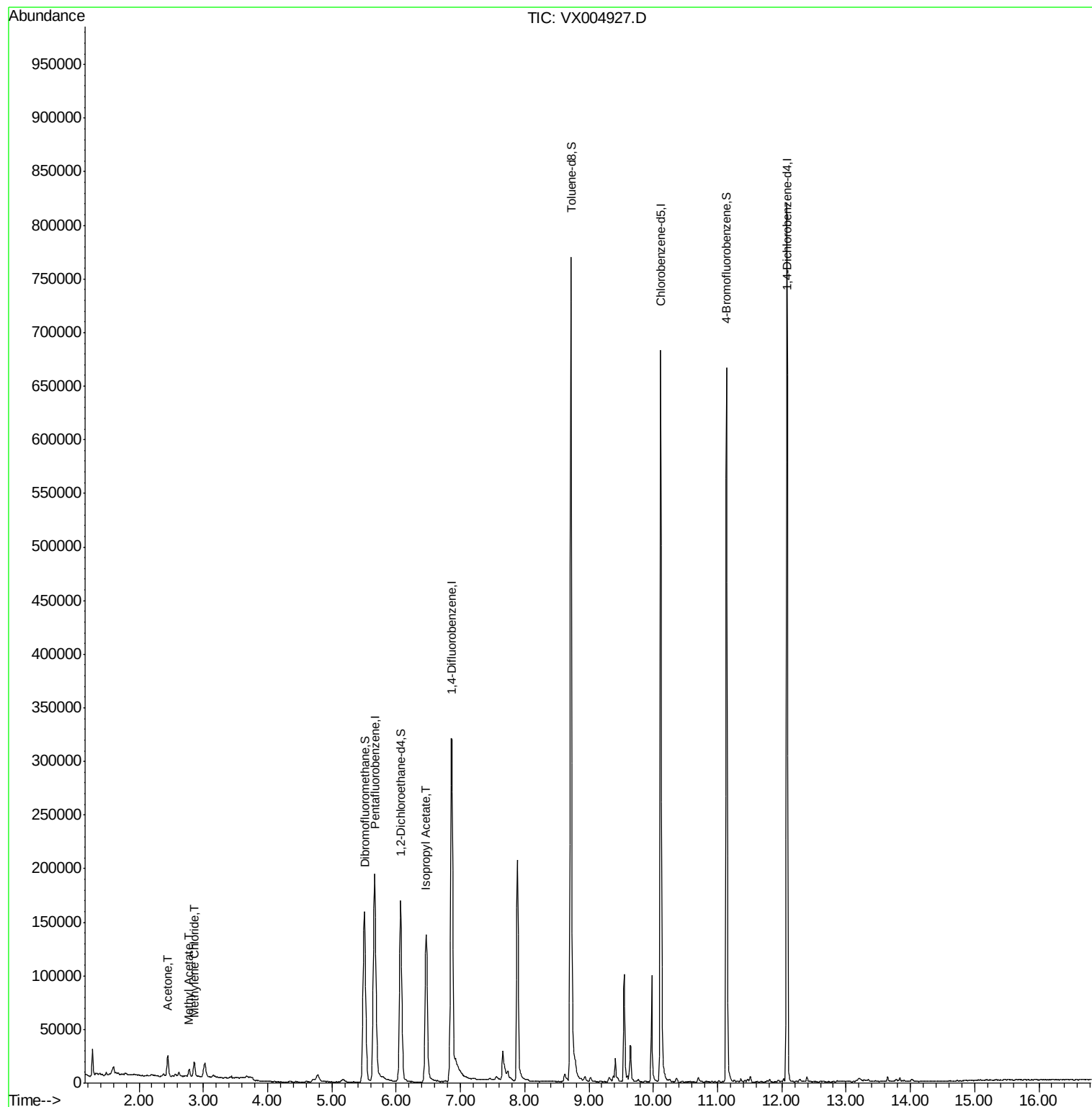
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	207750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	343202	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	339361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	171915	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	161265	54.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.68%	
35) Dibromofluoromethane	5.51	113	136084	46.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.58%	
50) Toluene-d8	8.72	98	504054	52.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.26%	
62) 4-Bromofluorobenzene	11.14	95	173299	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
Target Compounds						
16) Acetone	2.45	43	21290	12.288	ug/l #	87
18) Methyl Acetate	2.78	43	8100	1.845	ug/l	99
20) Methylene Chloride	2.85	84	6091	1.606	ug/l	94
43) Isopropyl Acetate	6.46	43	194439	25.573	ug/l	97

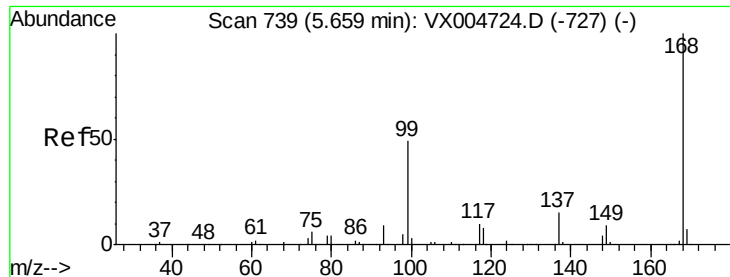
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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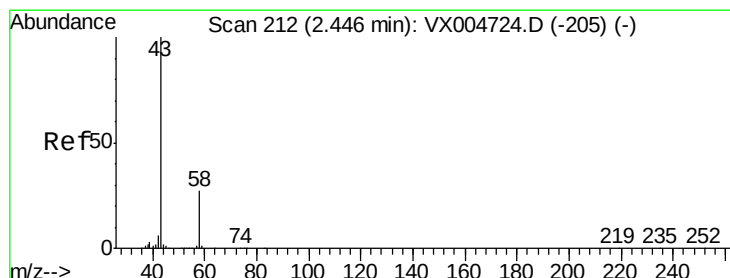
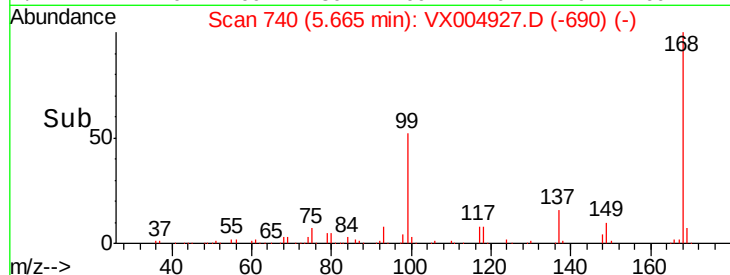
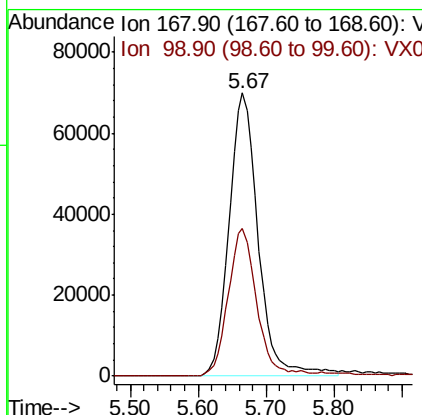
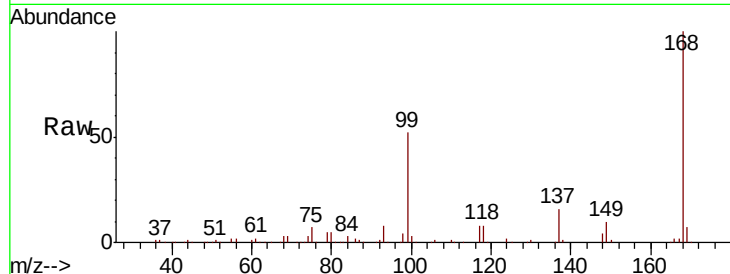




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.01 min
Lab File: VX004927.D
Acq: 02 Oct 2018 19:01

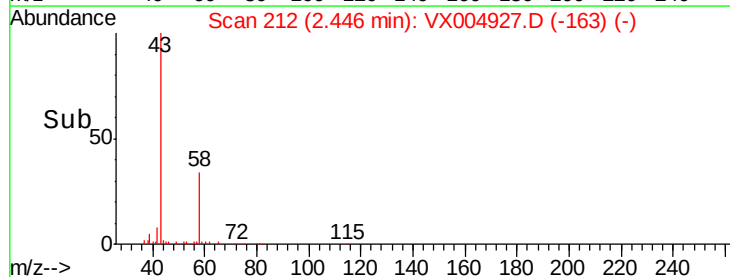
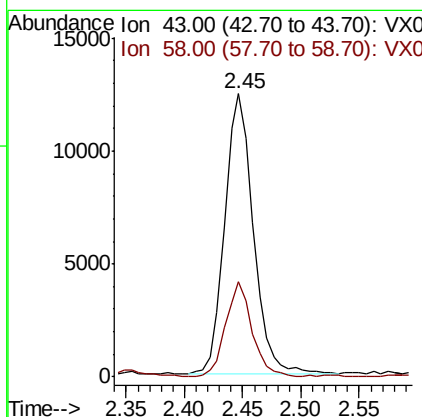
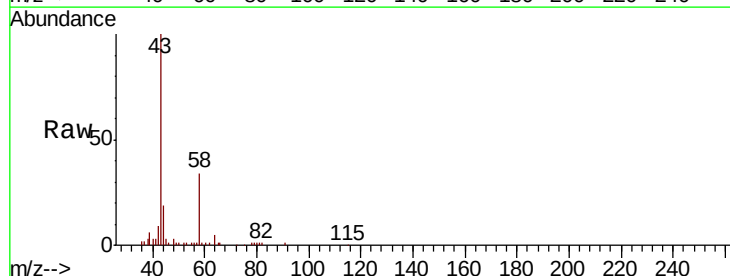
Instrument :
MSVOA_X
ClientSampleId :
PB113364ZHE#04

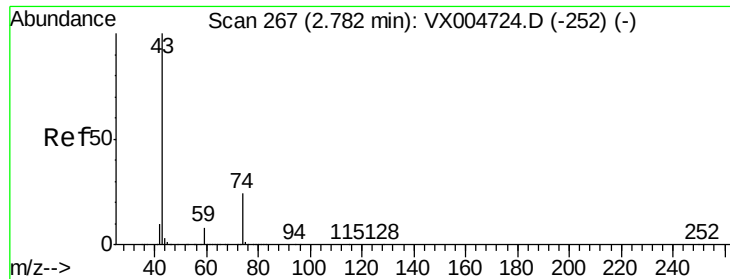
Tot Ion:168 Resp: 207750
Ion Ratio Lower Upper
168 100
99 52.0 39.3 58.9



#16
Acetone
Concen: 12.288 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX004927.D
Acq: 02 Oct 2018 19:01

Tgt Ion: 43 Resp: 21290
Ion Ratio Lower Upper
43 100
58 33.9 21.8 32.6#





#18

Methyl Acetate

Concen: 1.845 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX004927.D

Acq: 02 Oct 2018 19:01

Instrument :

MSVOA_X

ClientSampleId :

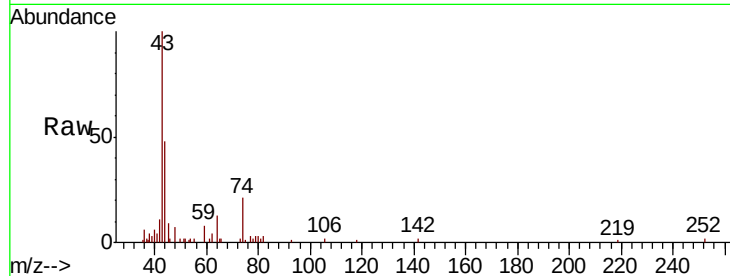
PB113364ZHE#04

Tot Ion: 43 Resp: 8100

Ion Ratio Lower Upper

43 100

74 21.9 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

5000

4000

3000

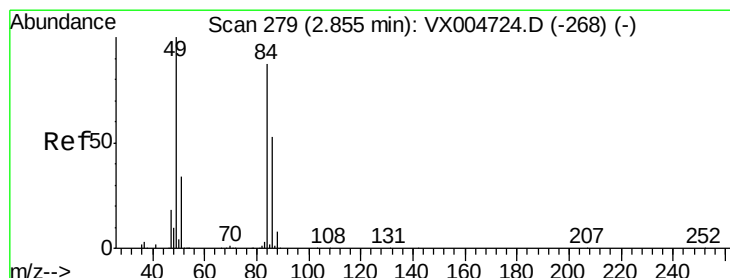
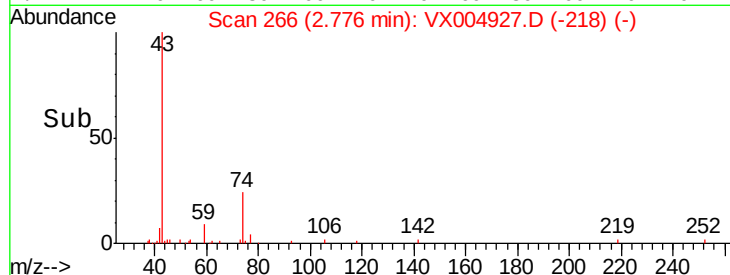
2000

1000

0

2.70 2.75 2.80 2.85 2.90

Time-->



#20

Methylene Chloride

Concen: 1.606 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX004927.D

Acq: 02 Oct 2018 19:01

Tgt Ion: 84 Resp: 6091

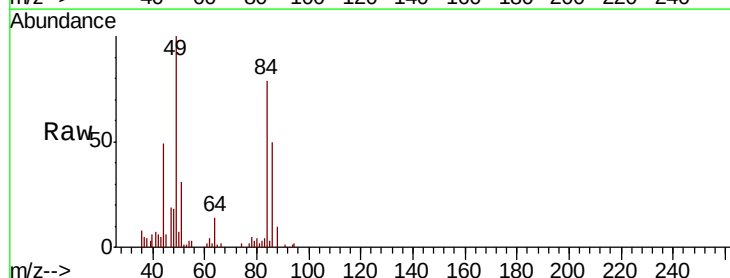
Ion Ratio Lower Upper

84 100

49 125.1 92.3 138.5

51 38.8 31.8 47.6

86 63.2 48.5 72.7



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

6000

5000

4000

3000

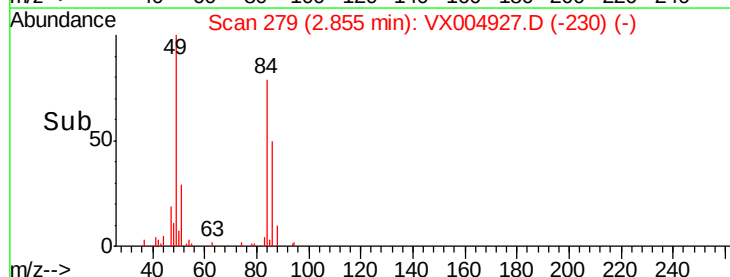
2000

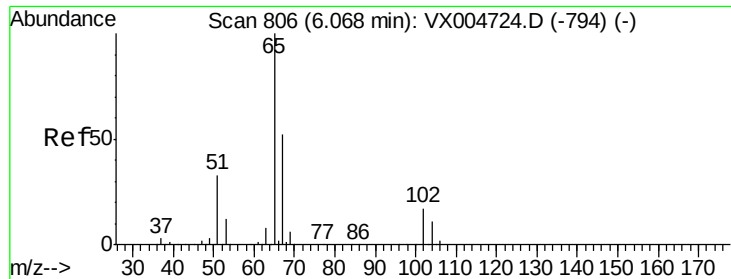
1000

0

2.80 2.85 2.90

Time-->

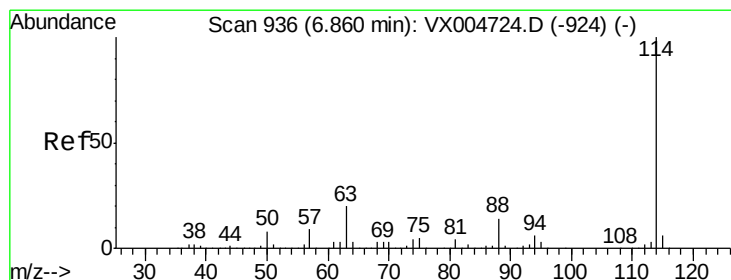
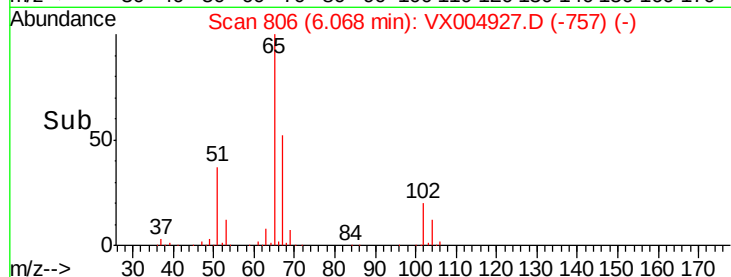
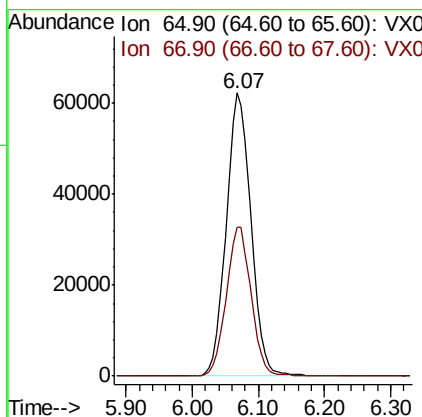
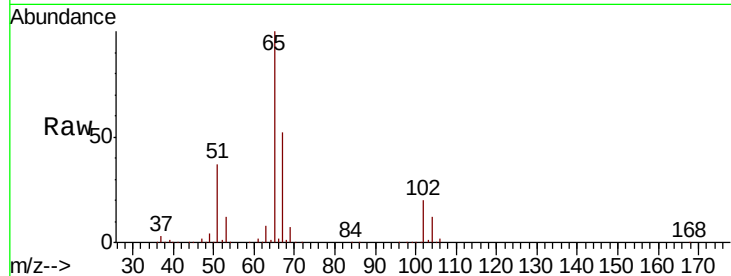




#33
 1,2-Dichloroethane-d4
 Concen: 54.340 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004927.D
 Acq: 02 Oct 2018 19:01

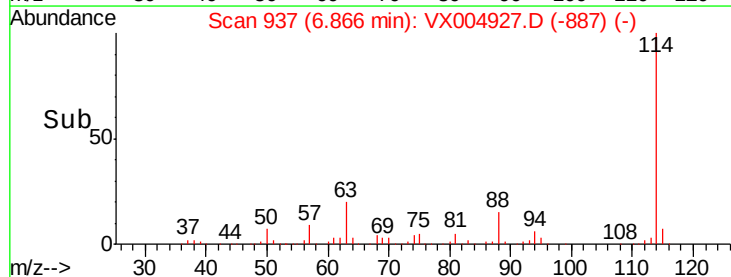
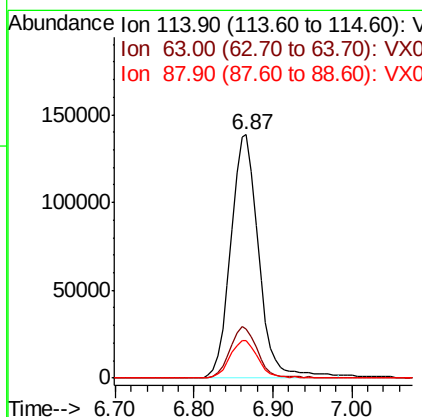
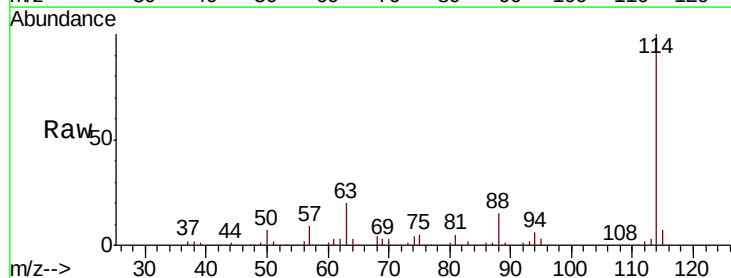
Instrument :
 MSVOA_X
 ClientSampleId :
 PB113364ZHE#04

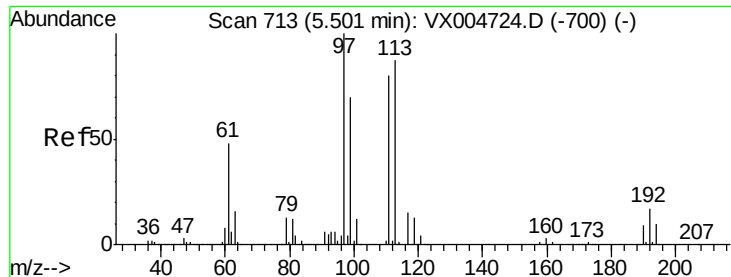
Tot Ion: 65 Resp: 161265
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX004927.D
 Acq: 02 Oct 2018 19:01

Tgt Ion: 114 Resp: 343202
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.8
 88 15.5 0.0 27.0



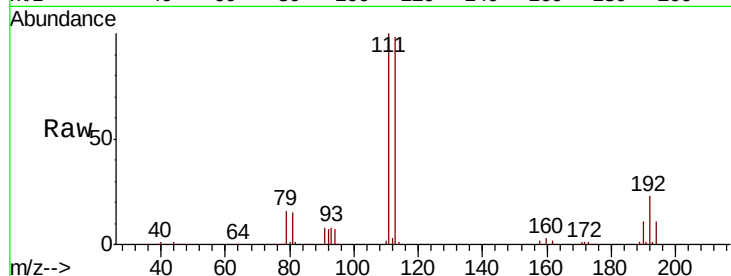


#35
Dibromofluoromethane
Concen: 46.785 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX004927.D
Acq: 02 Oct 2018 19:01

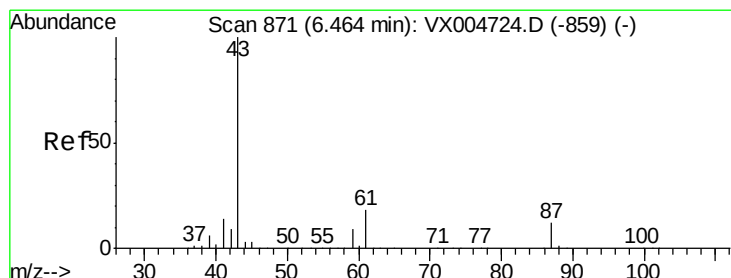
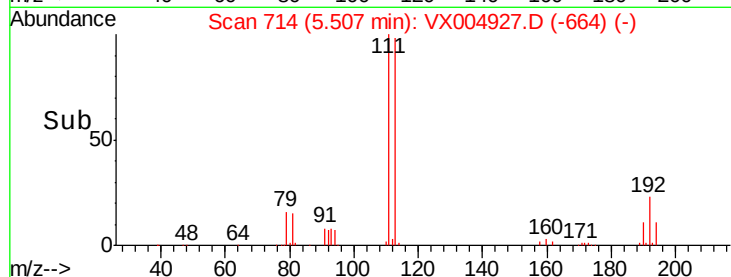
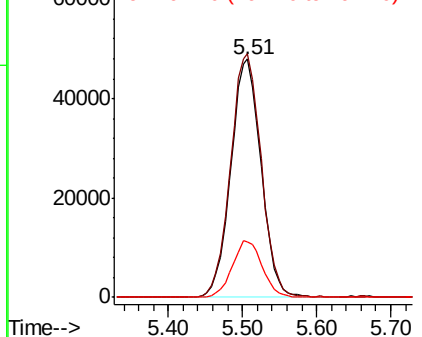
Instrument :
MSVOA_X
ClientSampleId :
PB113364ZHE#04

Tot Ion:113 Resp: 136084

Ion	Ratio	Lower	Upper
113	100		
111	103.6	77.0	115.4
192	23.5	17.0	25.6



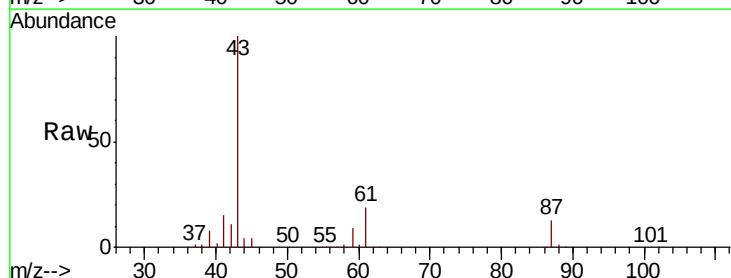
Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



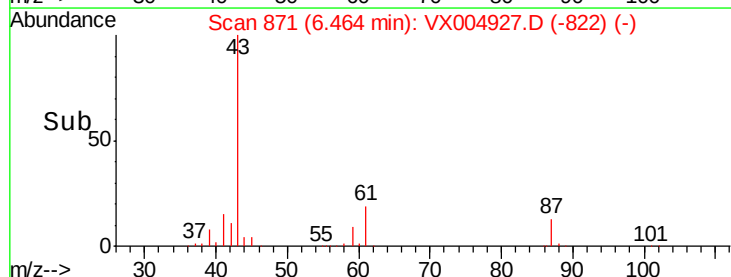
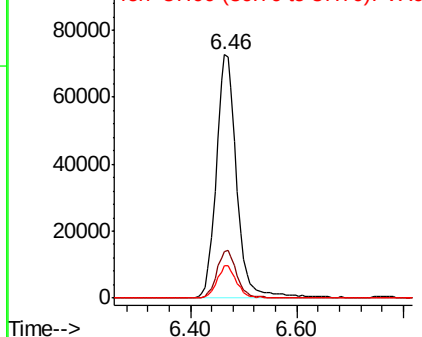
#43
Isopropyl Acetate
Concen: 25.573 ug/l
RT: 6.46 min Scan# 871
Delta R.T. 0.00 min
Lab File: VX004927.D
Acq: 02 Oct 2018 19:01

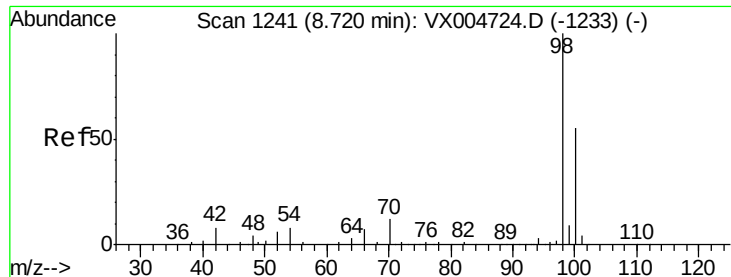
Tgt Ion: 43 Resp: 194439

Ion	Ratio	Lower	Upper
43	100		
61	19.3	14.2	21.4
87	12.8	9.3	13.9



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

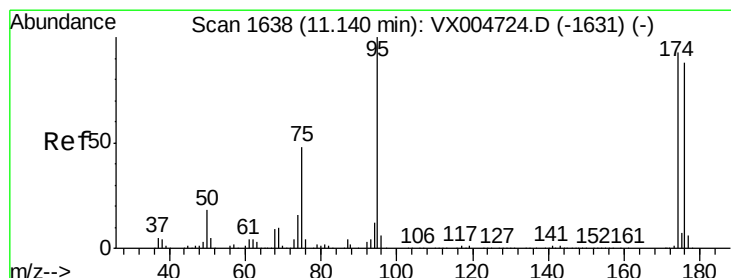
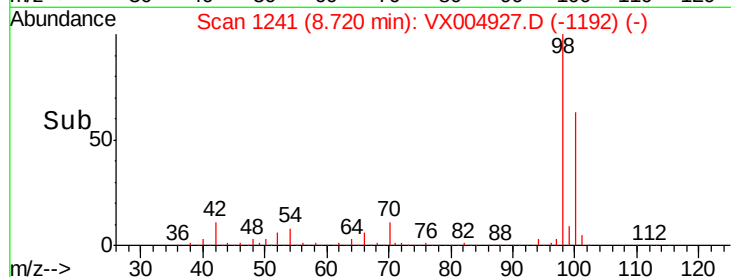
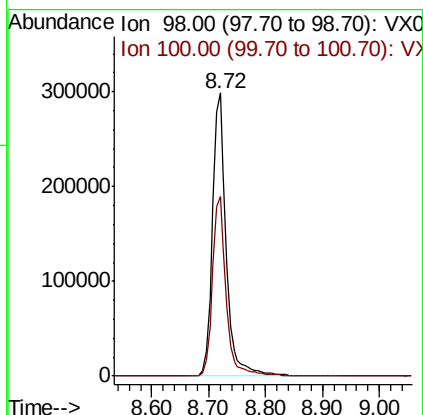
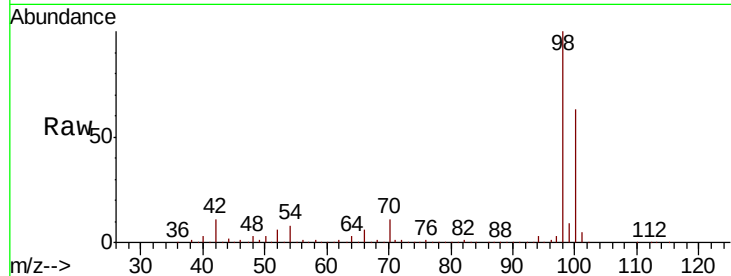




#50
Toluene-d8
Concen: 52.126 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004927.D
Acq: 02 Oct 2018 19:01

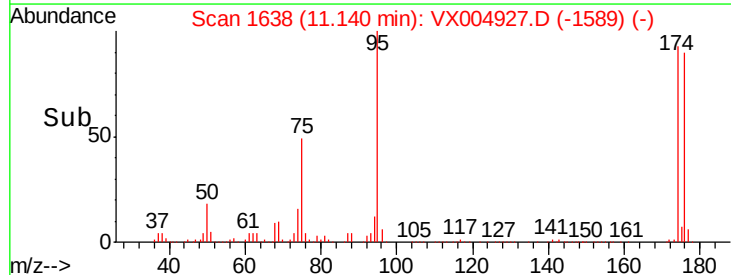
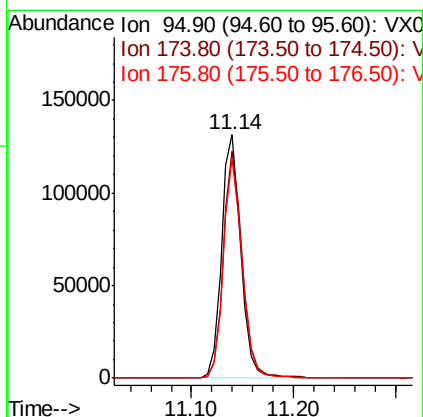
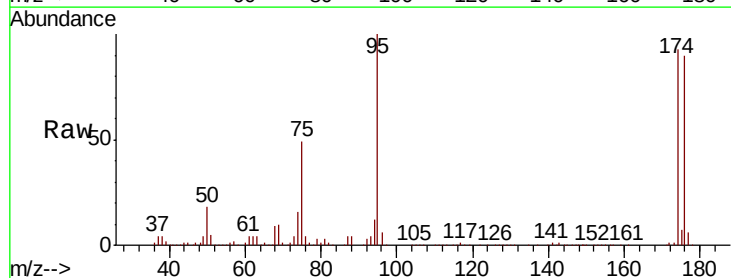
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MSVOA_X
ClientSampleId :
PB113364ZHE#04

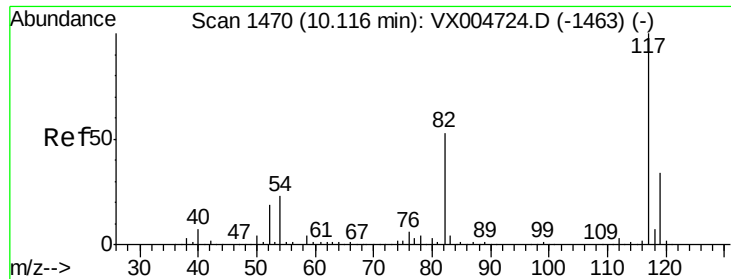
Tot Ion: 98 Resp: 504054
Ion Ratio Lower Upper
98 100
100 63.3 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 49.747 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. 0.00 min
Lab File: VX004927.D
Acq: 02 Oct 2018 19:01

Tgt Ion: 95 Resp: 173299
Ion Ratio Lower Upper
95 100
174 91.7 0.0 185.0
176 87.6 0.0 180.2

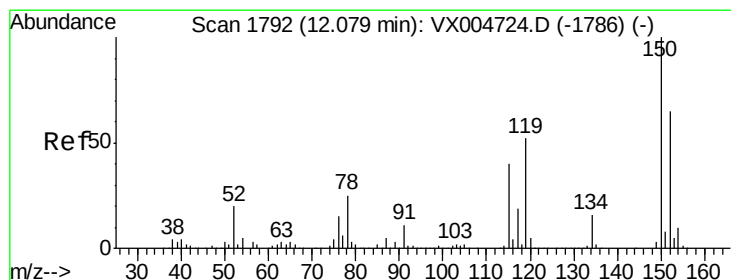
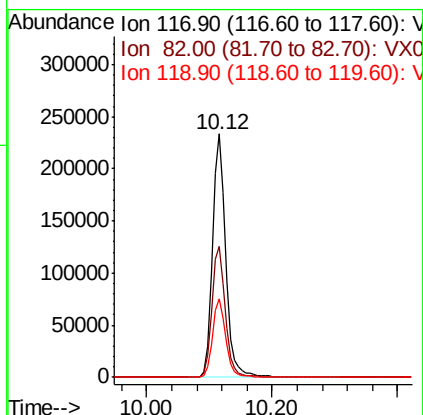
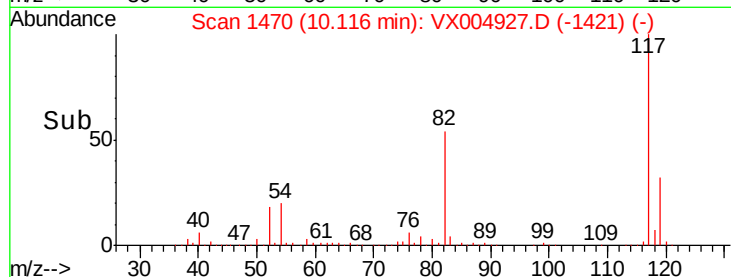
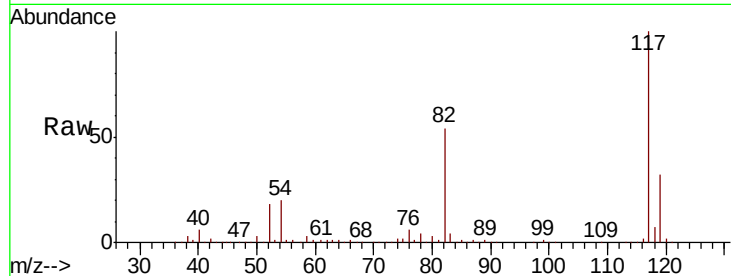




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004927.D
Acq: 02 Oct 2018 19:01

Instrument :
MSVOA_X
ClientSampleId :
PB113364ZHE#04

Tot Ion:117 Resp: 339361
Ion Ratio Lower Upper
117 100
82 54.0 42.2 63.4
119 32.0 27.4 41.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004927.D
Acq: 02 Oct 2018 19:01

Tgt Ion:152 Resp: 171915
Ion Ratio Lower Upper
152 100
115 55.8 40.2 120.6
150 155.9 0.0 351.0

