

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102318\
 Data File : VX005529.D
 Acq On : 23 Oct 2018 18:53
 Operator : JC/MD
 Sample : J5646-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Quant Time: Oct 24 03:49:34 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

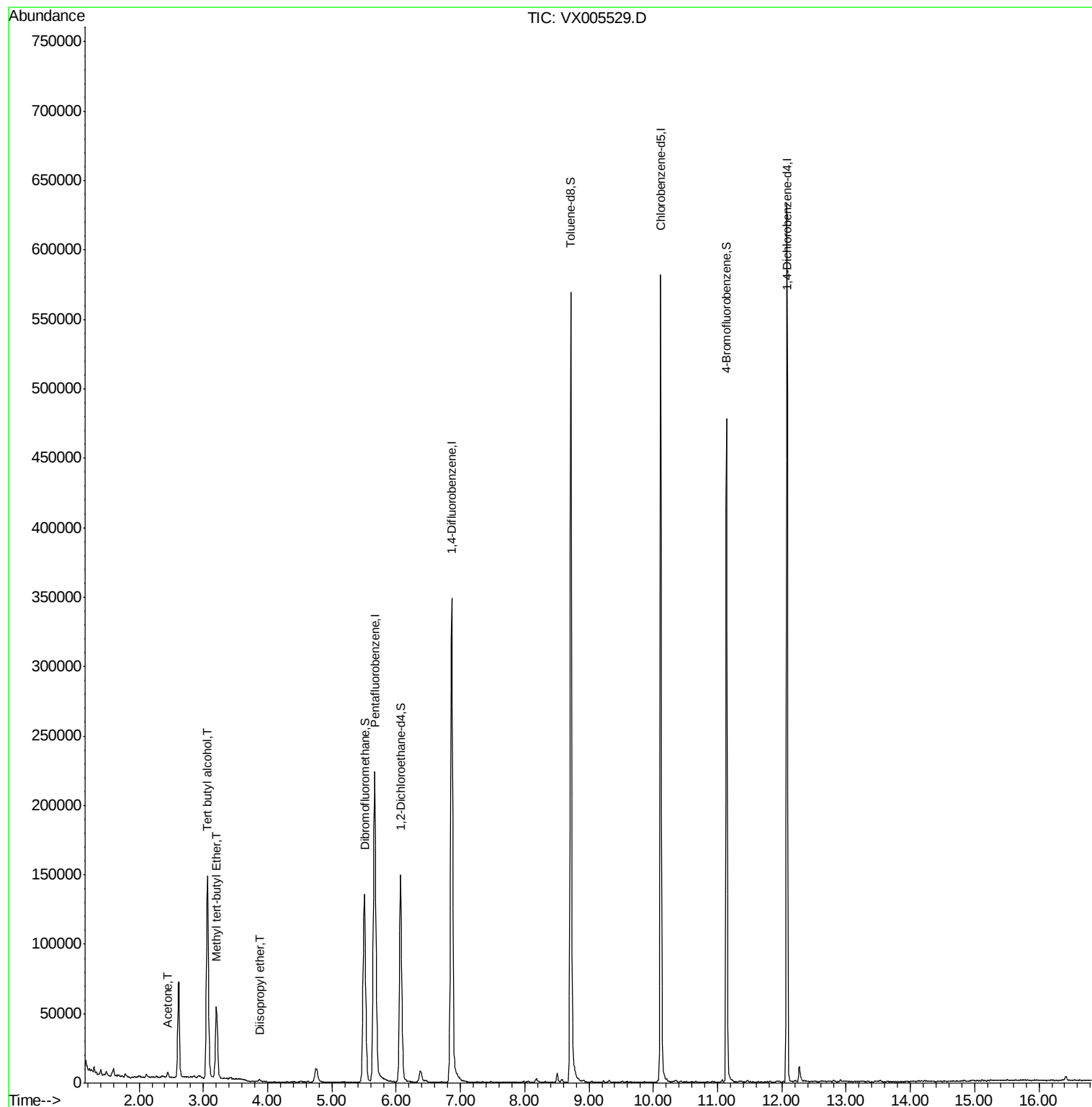
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	223922	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	348354	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	274691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	129097	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	137849	55.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.94%	
35) Dibromofluoromethane	5.51	113	112390	48.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.42%	
50) Toluene-d8	8.72	98	367961	46.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.90%	
62) 4-Bromofluorobenzene	11.14	95	120227	40.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.80%	
Target Compounds						
11) Tert butyl alcohol	3.06	59	175203	249.921	ug/l	99
16) Acetone	2.45	43	3747	2.608	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	56503	8.180	ug/l	100
22) Diisopropyl ether	3.87	45	1898	0.262	ug/l	96

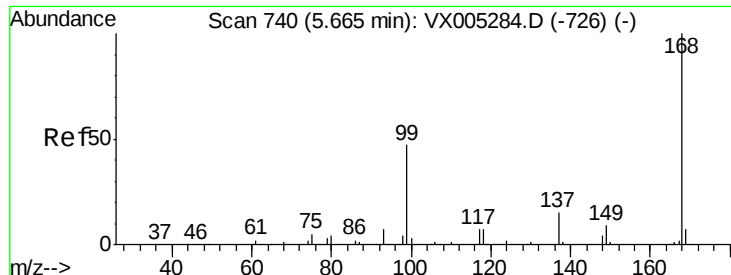
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Oct 12 11:28:43 2018
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: VX005529.D

Acq: 23 Oct 2018 18:53

Instrument :

MSVOA_X

ClientSampleId :

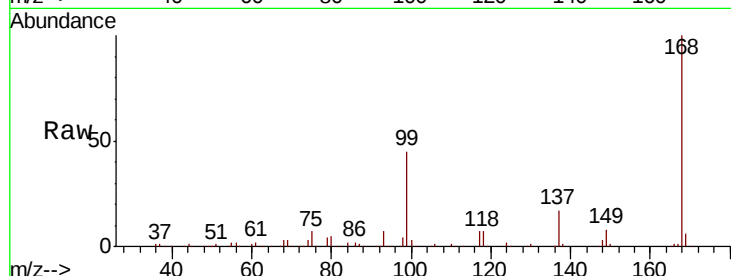
MW-1

Tot Ion:168 Resp: 223922

Ion Ratio Lower Upper

168 100

99 45.3 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

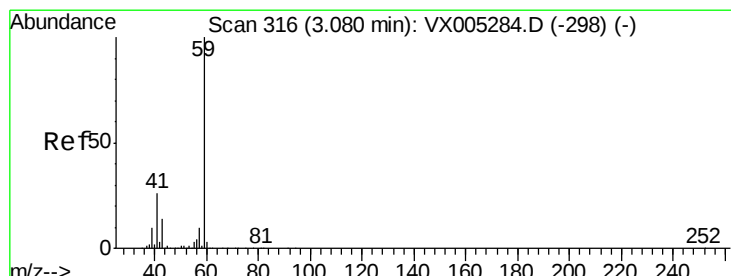
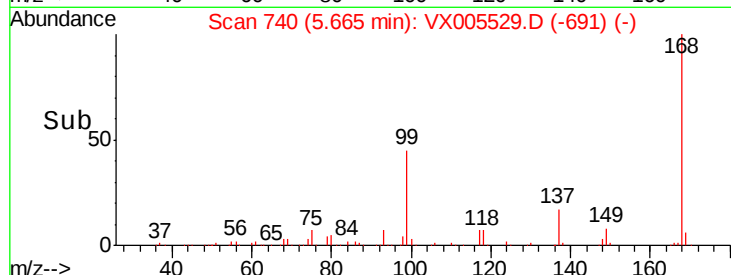
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 249.921 ug/l

RT: 3.06 min Scan# 313

Delta R.T. -0.02 min

Lab File: VX005529.D

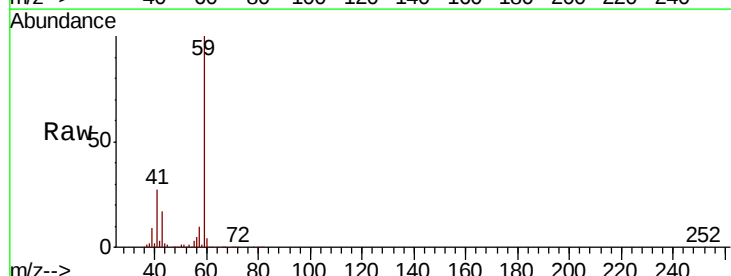
Acq: 23 Oct 2018 18:53

Tgt Ion: 59 Resp: 175203

Ion Ratio Lower Upper

59 100

57 10.6 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.06

80000

60000

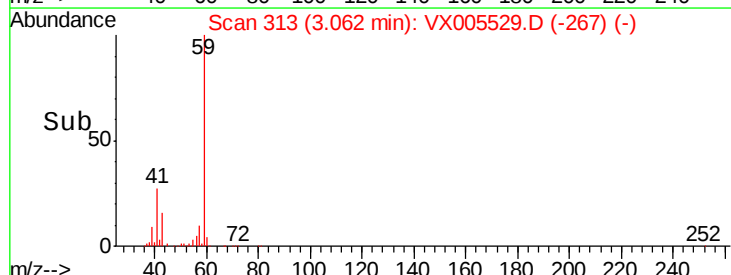
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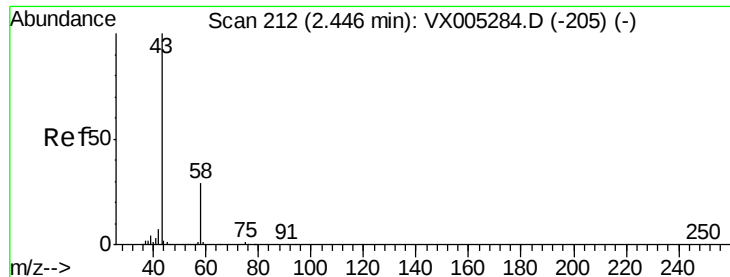
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Time-->

3.00 3.10 3.20

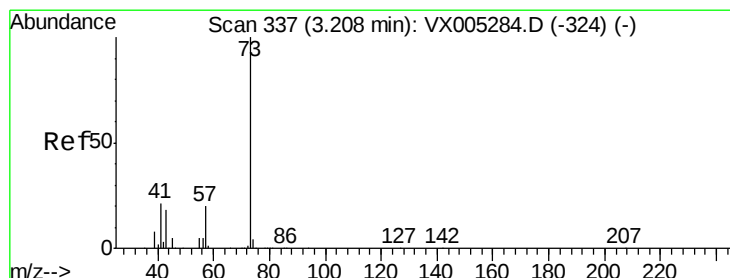
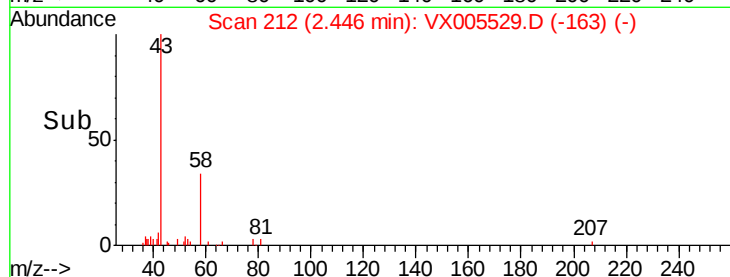
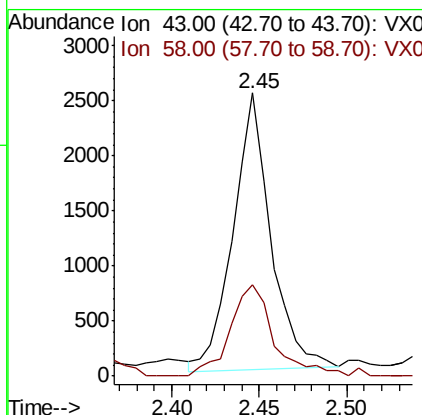
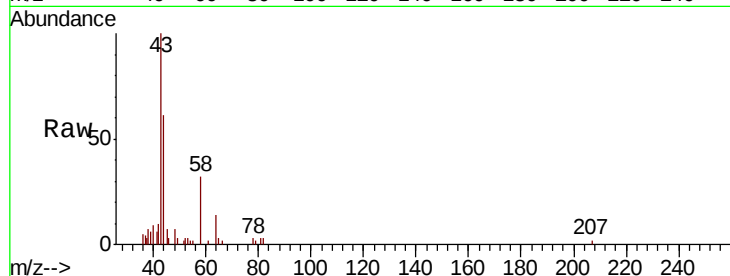




#16
Acetone
Concen: 2.608 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX005529.D
Acq: 23 Oct 2018 18:53

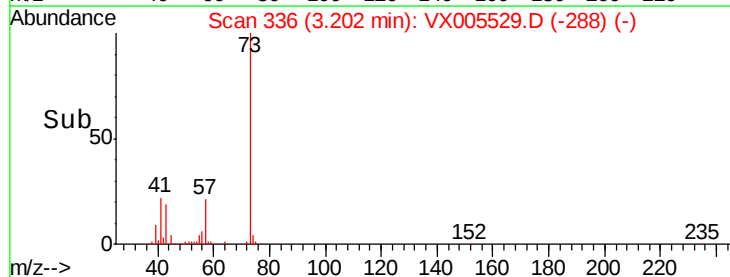
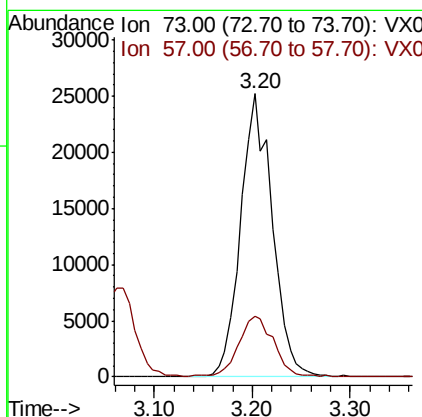
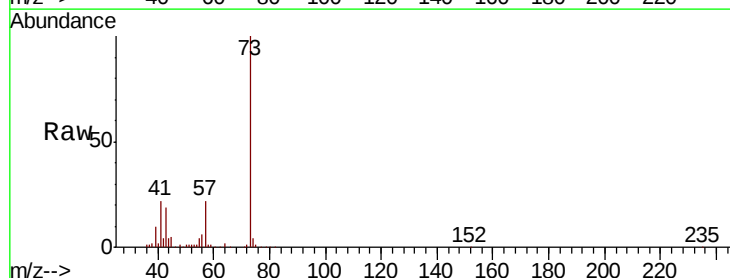
Instrument :
MSVOA_X
ClientSampleId :
MW-1

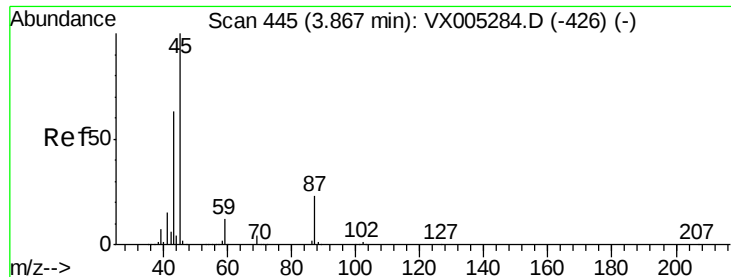
Tot Ion: 43 Resp: 3747
Ion Ratio Lower Upper
43 100
58 33.4 26.2 39.4



#19
Methyl tert-butyl Ether
Concen: 8.180 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.01 min
Lab File: VX005529.D
Acq: 23 Oct 2018 18:53

Tgt Ion: 73 Resp: 56503
Ion Ratio Lower Upper
73 100
57 21.3 17.1 25.7

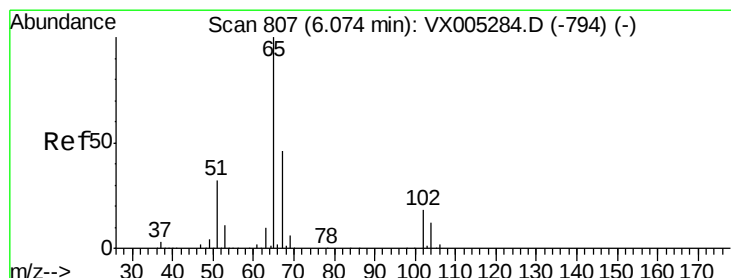
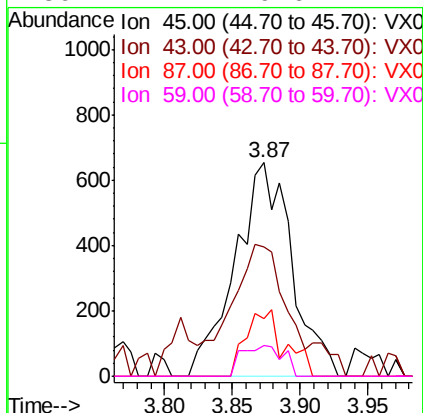
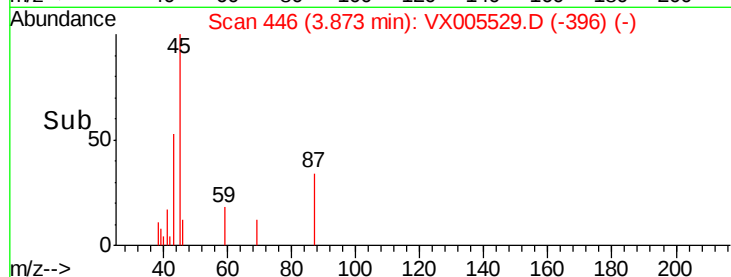
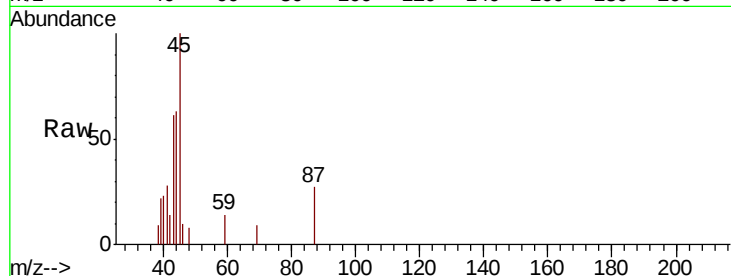




#22
Diisopropyl ether
Concen: 0.262 ug/l
RT: 3.87 min Scan# 446
Delta R.T. 0.01 min
Lab File: VX005529.D
Acq: 23 Oct 2018 18:53

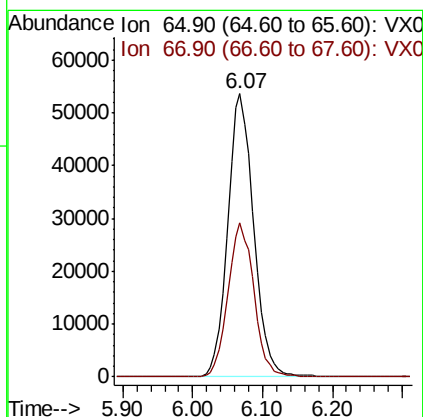
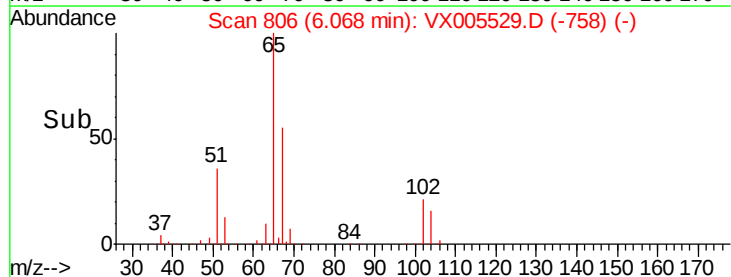
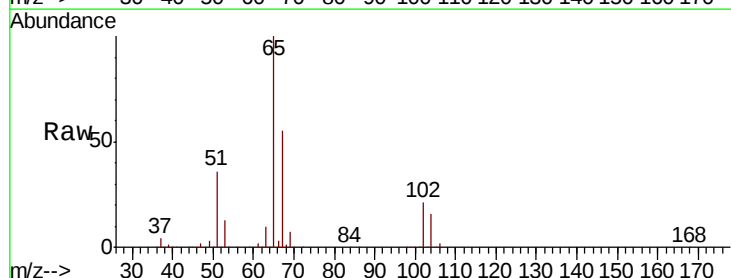
Instrument :
MSVOA_X
ClientSampleId :
MW-1

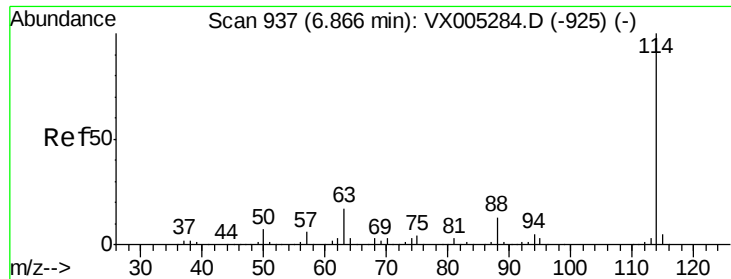
Tot Ion:	45	Resp:	1898
Ion	Ratio	Lower	Upper
45	100		
43	50.5	42.8	64.2
87	27.2	22.6	34.0
59	14.4	9.6	14.4



#33
1,2-Dichloroethane-d4
Concen: 55.468 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.01 min
Lab File: VX005529.D
Acq: 23 Oct 2018 18:53

Tgt Ion:	65	Resp:	137849
Ion	Ratio	Lower	Upper
65	100		
67	54.7	0.0	106.8

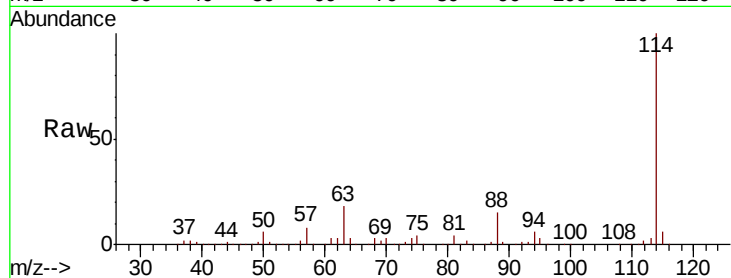




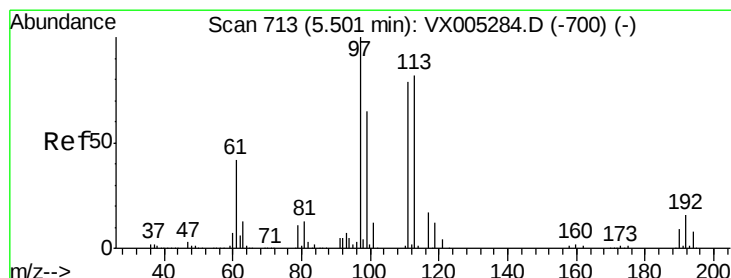
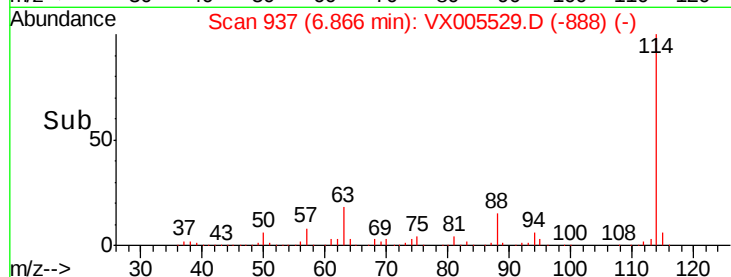
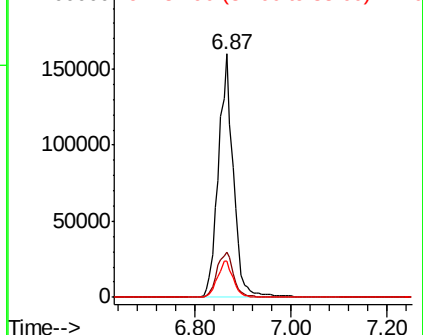
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: VX005529.D
 Acq: 23 Oct 2018 18:53

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1

Tot Ion:114 Resp: 348354
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 39.0
 88 14.9 0.0 30.4

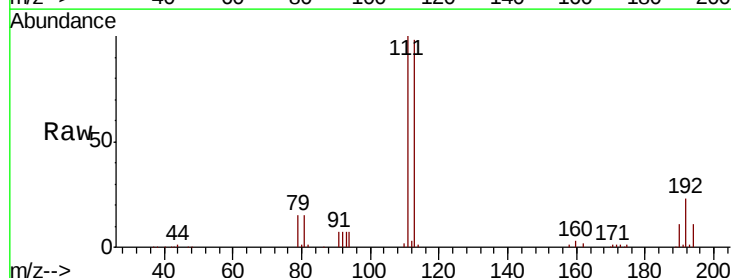


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

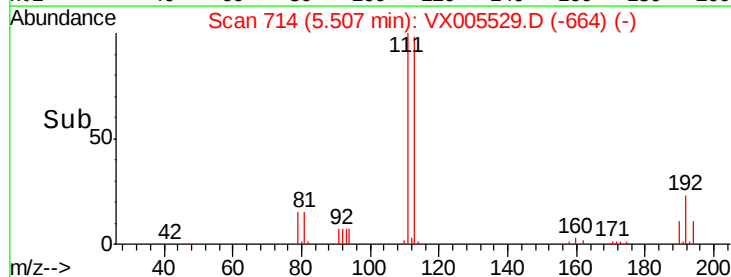
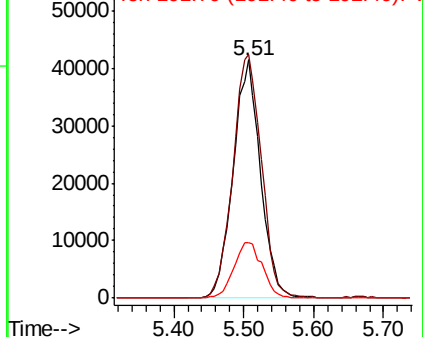


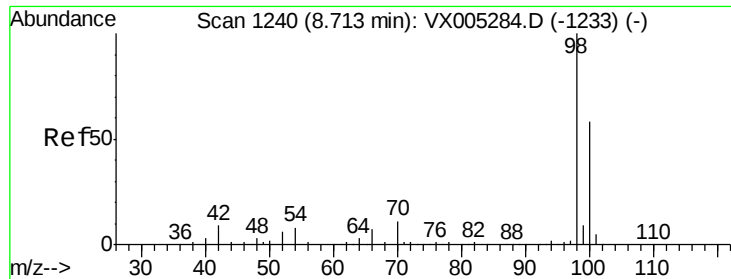
#35
 Dibromofluoromethane
 Concen: 48.712 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX005529.D
 Acq: 23 Oct 2018 18:53

Tgt Ion:113 Resp: 112390
 Ion Ratio Lower Upper
 113 100
 111 106.4 82.4 123.6
 192 24.4 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





#50

Toluene-d8

Concen: 46.454 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VX005529.D

Acq: 23 Oct 2018 18:53

Instrument :

MSVOA_X

ClientSampleId :

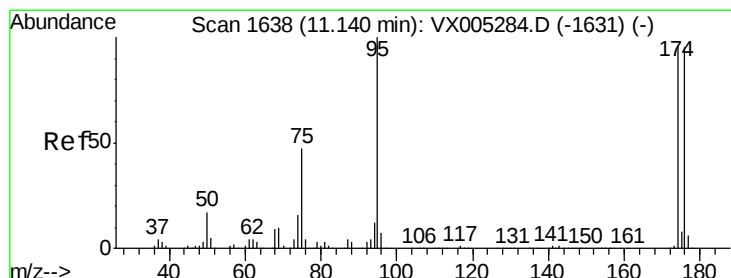
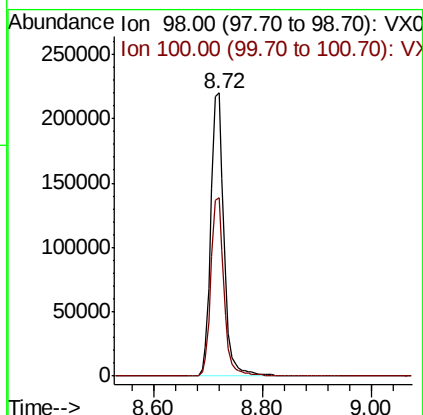
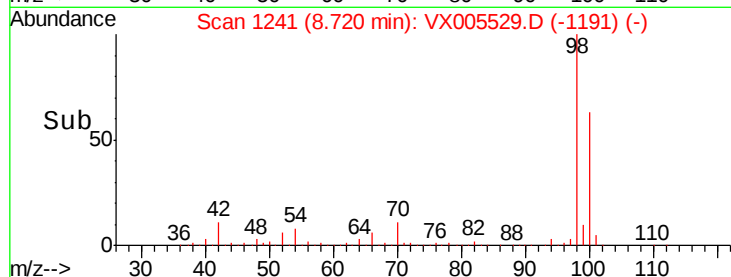
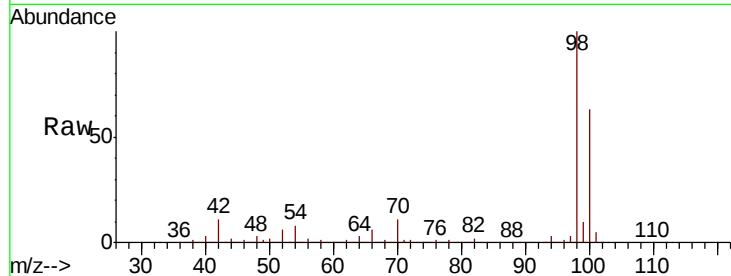
MW-1

Tot Ion: 98 Resp: 367961

Ion Ratio Lower Upper

98 100

100 62.8 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 40.404 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005529.D

Acq: 23 Oct 2018 18:53

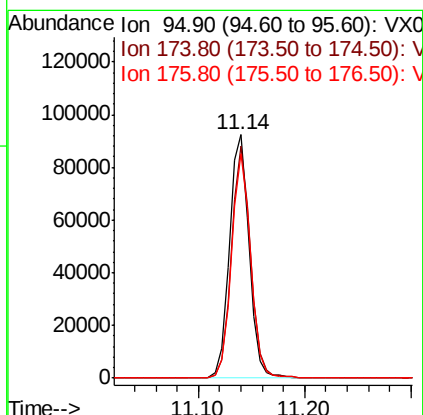
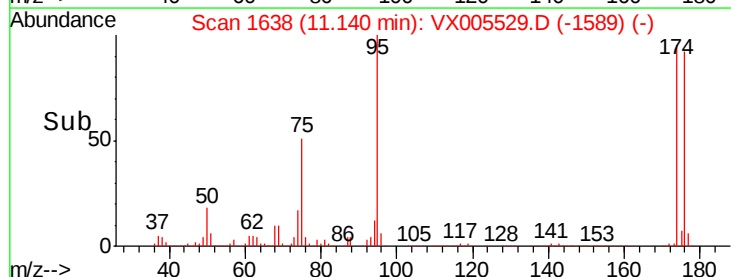
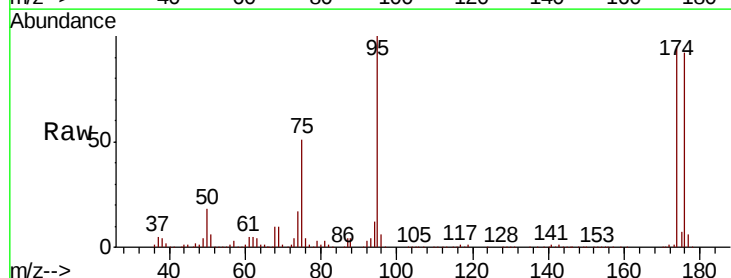
Tgt Ion: 95 Resp: 120227

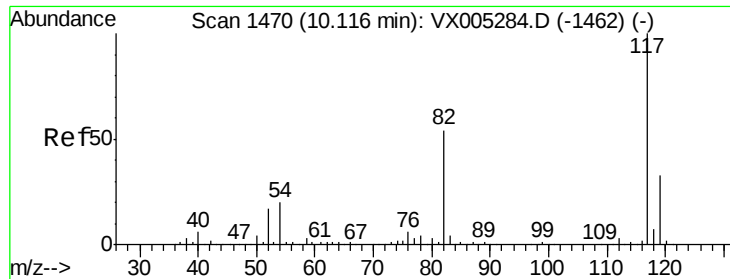
Ion Ratio Lower Upper

95 100

174 92.5 0.0 185.2

176 90.0 0.0 178.6

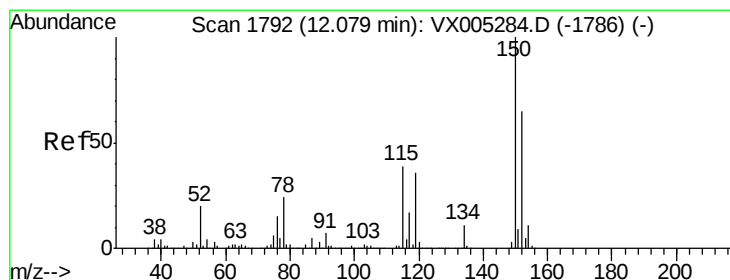
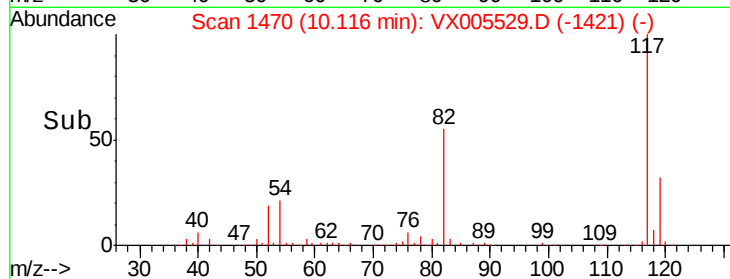
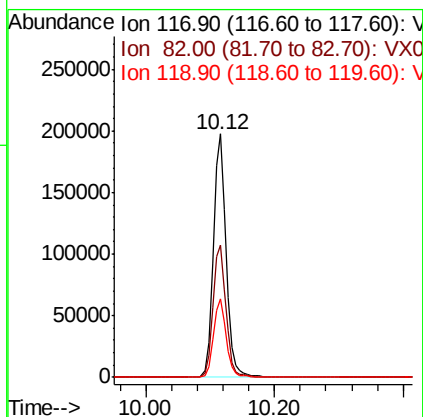
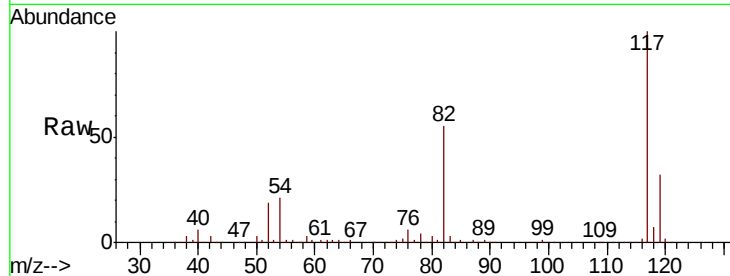




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005529.D
Acq: 23 Oct 2018 18:53

Instrument :
MSVOA_X
ClientSampled :
MW-1

Tot Ion:117 Resp: 274691
Ion Ratio Lower Upper
117 100
82 54.6 47.8 71.6
119 32.2 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: VX005529.D
Acq: 23 Oct 2018 18:53

Tgt Ion:152 Resp: 129097
Ion Ratio Lower Upper
152 100
115 55.6 39.0 117.0
150 155.4 0.0 351.0

