

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102318\
 Data File : VX005528.D
 Acq On : 23 Oct 2018 18:27
 Operator : JC/MD
 Sample : J5646-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Quant Time: Oct 24 03:46:17 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

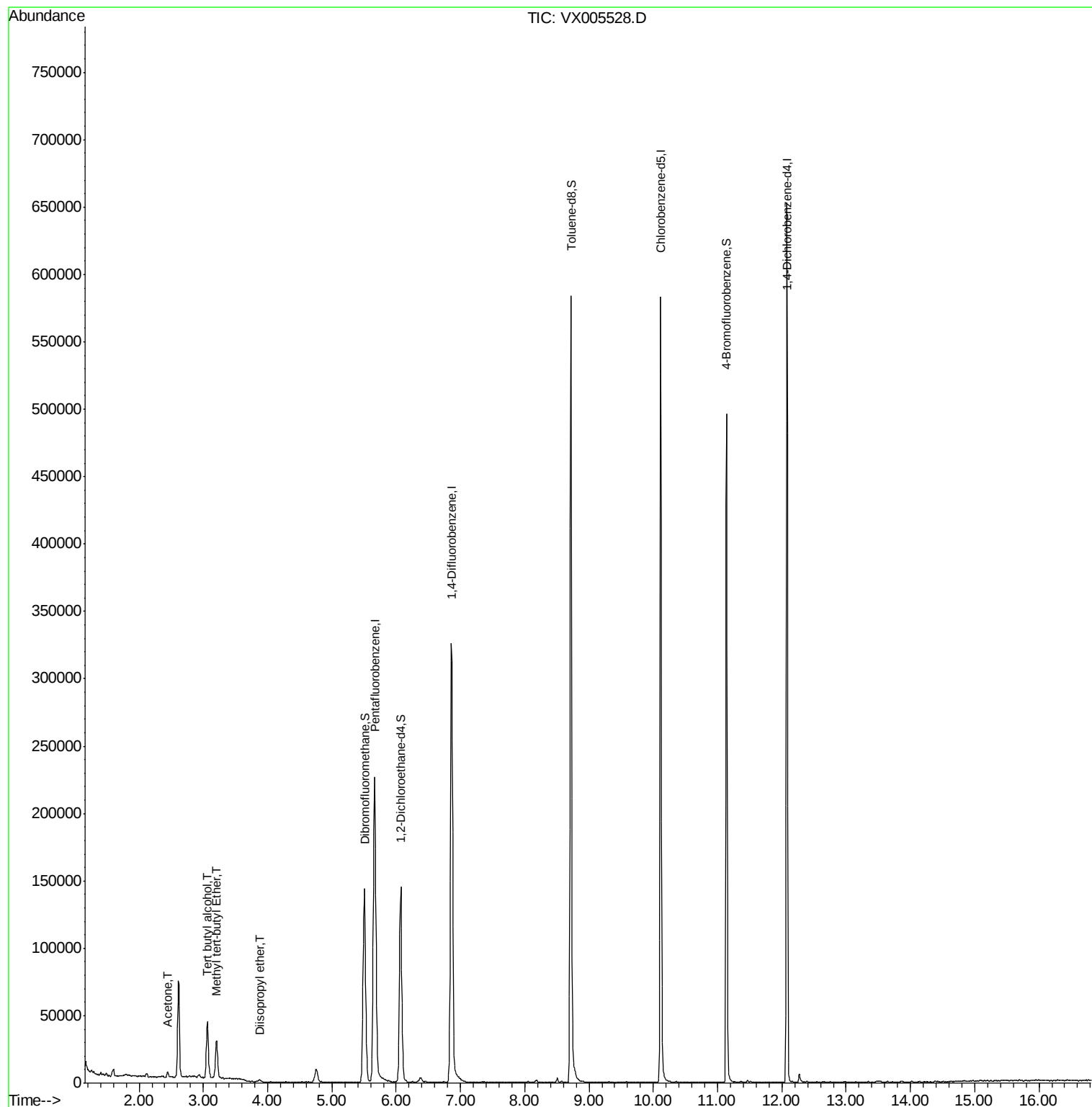
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	234758	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	343270	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.12	117	279994	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	133658	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	138503	53.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.32%	
35) Dibromofluoromethane	5.51	113	117323	51.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.20%	
50) Toluene-d8	8.72	98	374570	47.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.98%	
62) 4-Bromofluorobenzene	11.14	95	123756	42.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.42%	
Target Compounds						
11) Tert butyl alcohol	3.06	59	49757	67.700	ug/l	99
16) Acetone	2.45	43	3877	2.574	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	30214	4.172	ug/l	96
22) Diisopropyl ether	3.87	45	2118	0.279	ug/l #	94

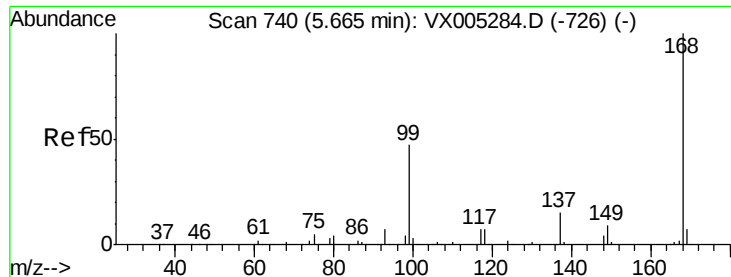
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX005528.D

Acq: 23 Oct 2018 18:27

Instrument :

MSVOA_X

ClientSampleId :

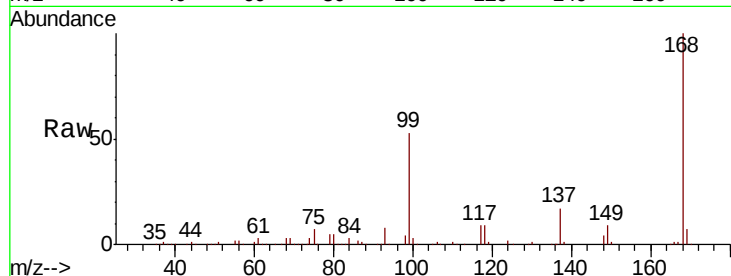
MW-4

Tot Ion:168 Resp: 234758

Ion Ratio Lower Upper

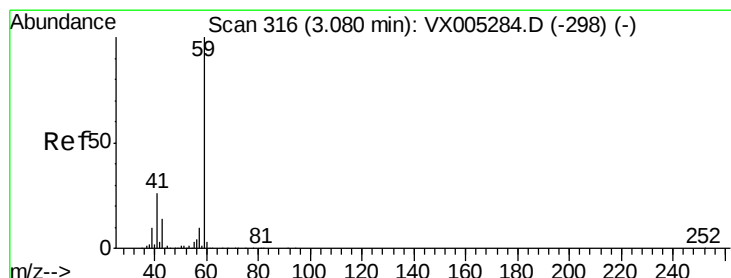
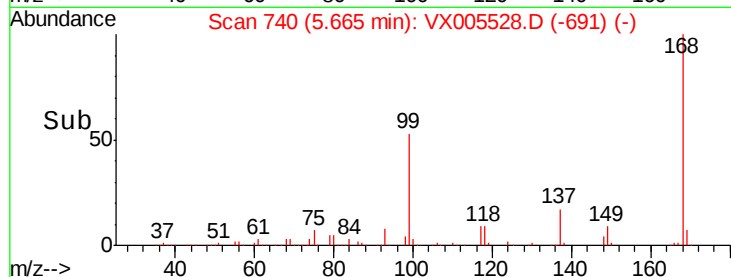
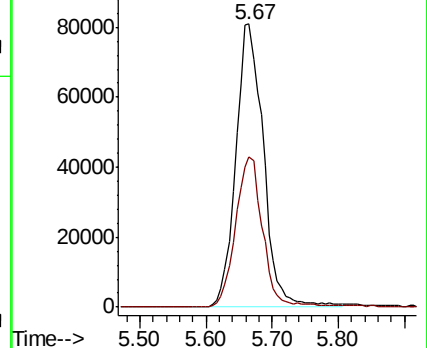
168 100

99 53.2 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 67.700 ug/l

RT: 3.06 min Scan# 313

Delta R.T. -0.02 min

Lab File: VX005528.D

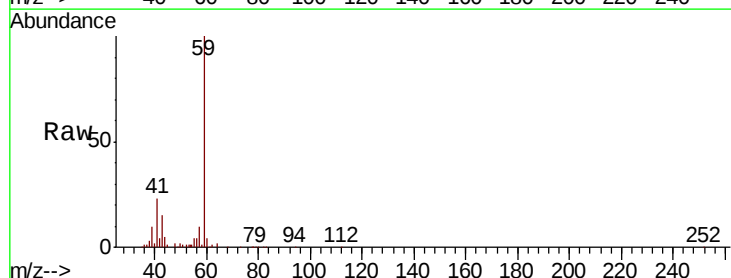
Acq: 23 Oct 2018 18:27

Tgt Ion: 59 Resp: 49757

Ion Ratio Lower Upper

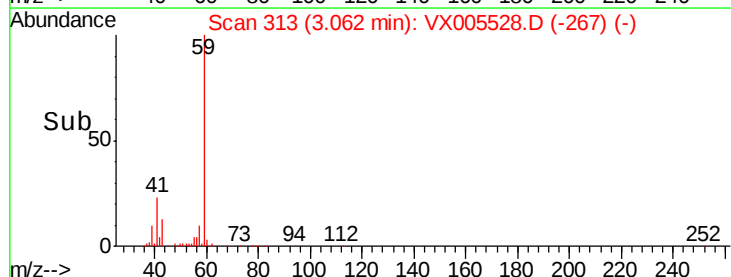
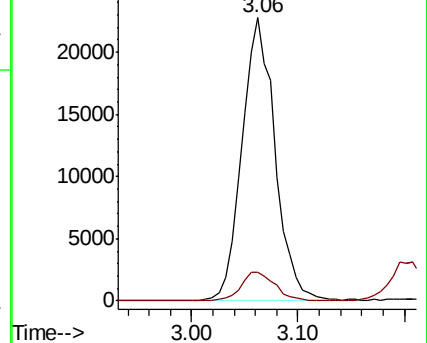
59 100

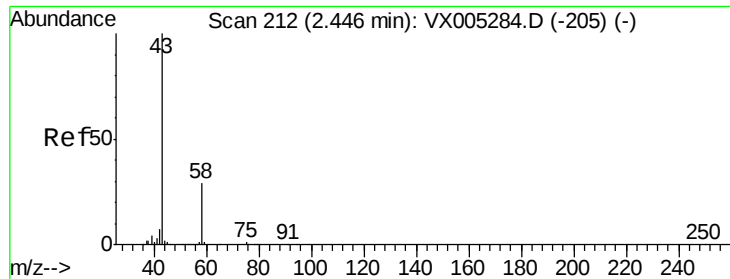
57 10.6 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 2.574 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005528.D

Acq: 23 Oct 2018 18:27

Instrument :

MSVOA_X

ClientSampled :

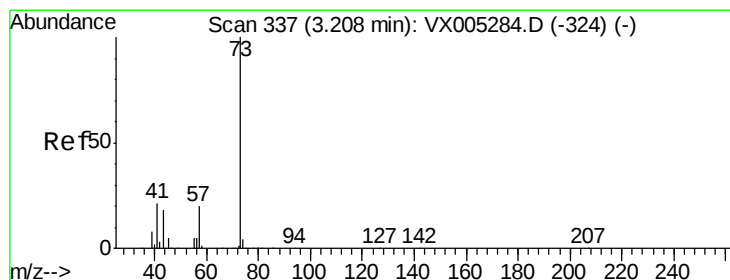
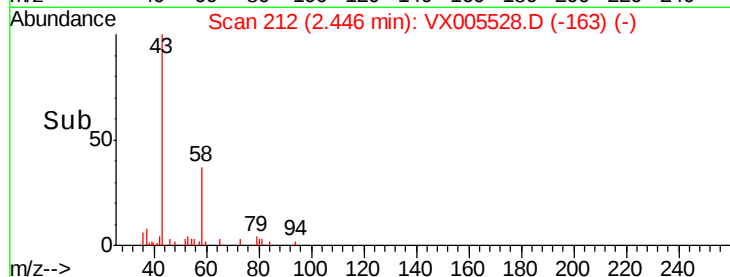
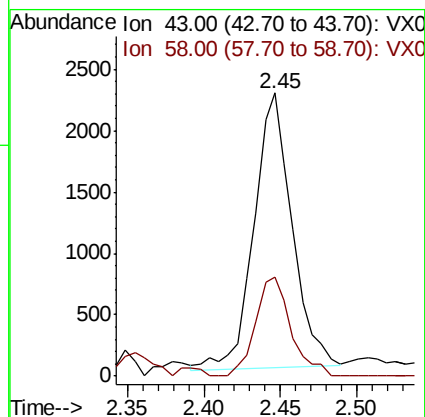
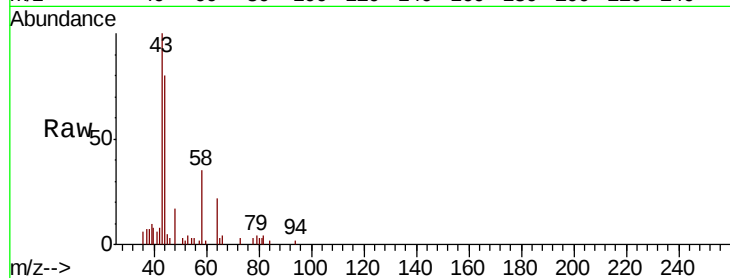
MW-4

Tot Ion: 43 Resp: 3877

Ion Ratio Lower Upper

43 100

58 36.2 26.2 39.4



#19

Methyl tert-butyl Ether

Concen: 4.172 ug/l

RT: 3.20 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX005528.D

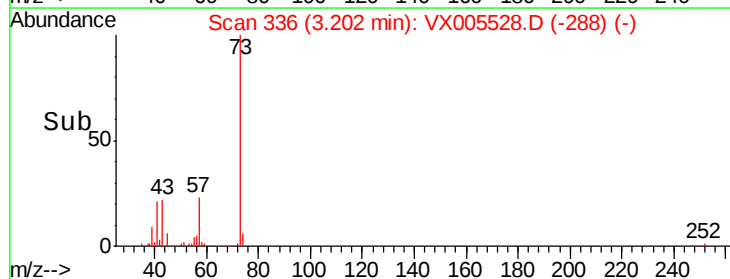
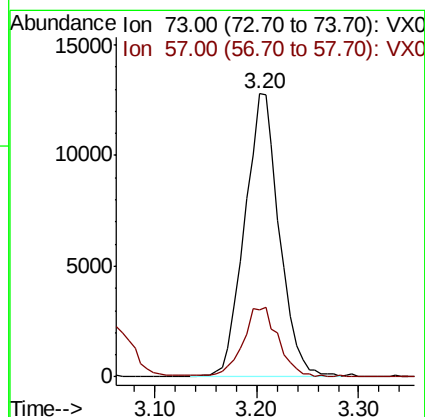
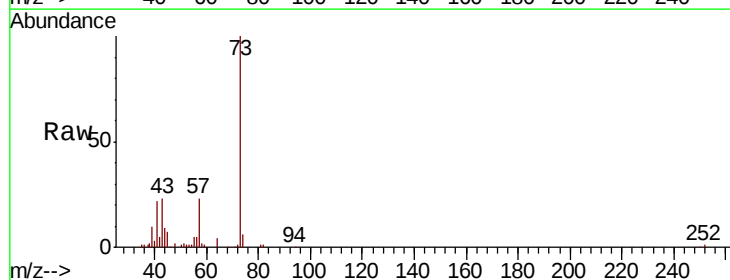
Acq: 23 Oct 2018 18:27

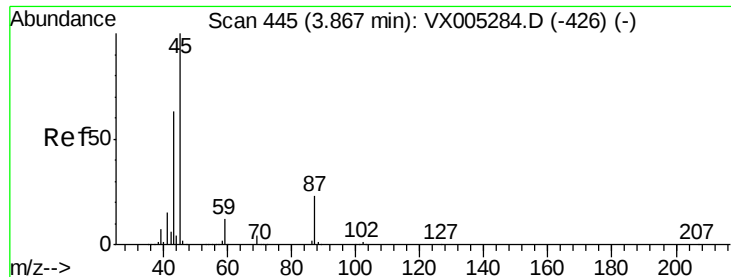
Tgt Ion: 73 Resp: 30214

Ion Ratio Lower Upper

73 100

57 23.1 17.1 25.7





#22

Diisopropyl ether

Concen: 0.279 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX005528.D

Acq: 23 Oct 2018 18:27

Instrument :

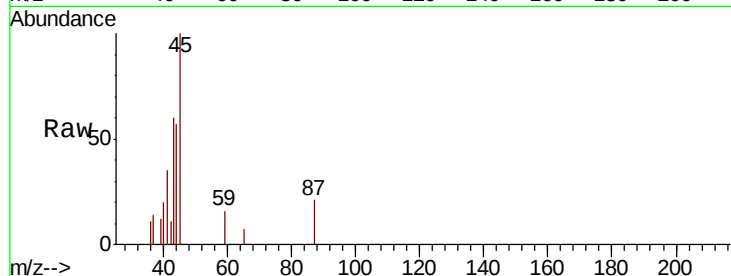
MSVOA_X

ClientSampled :

MW-4

Tot Ion: 45 Resp: 2118

Ion	Ratio	Lower	Upper
45	100		
43	52.2	42.8	64.2
87	21.3	22.6	34.0#
59	16.4	9.6	14.4#

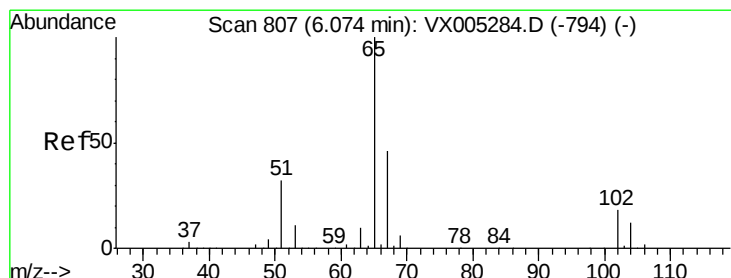
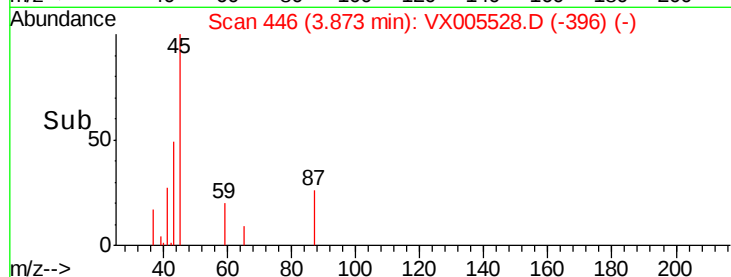
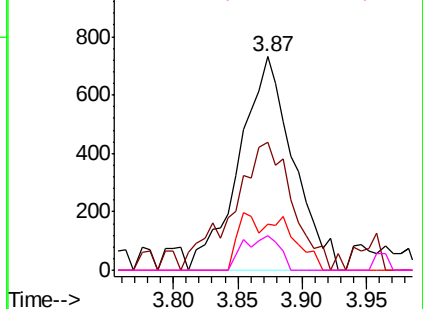


Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 53.159 ug/l

RT: 6.07 min Scan# 806

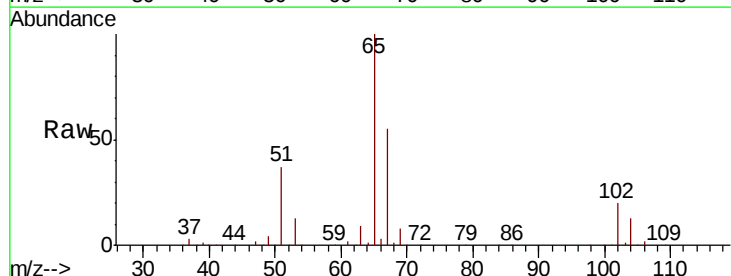
Delta R.T. -0.01 min

Lab File: VX005528.D

Acq: 23 Oct 2018 18:27

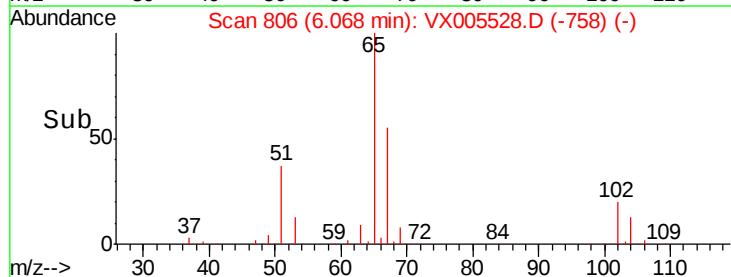
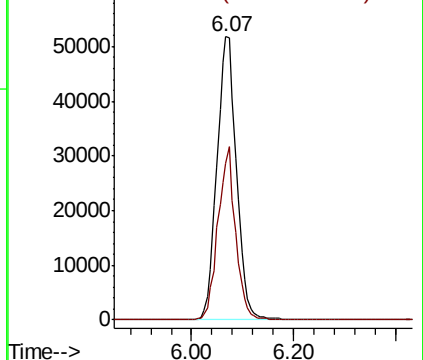
Tgt Ion: 65 Resp: 138503

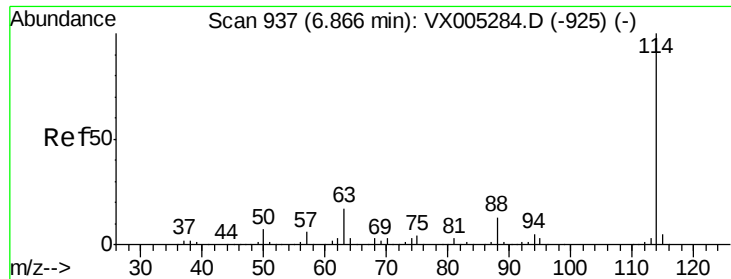
Ion	Ratio	Lower	Upper
65	100		
67	54.6	0.0	106.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

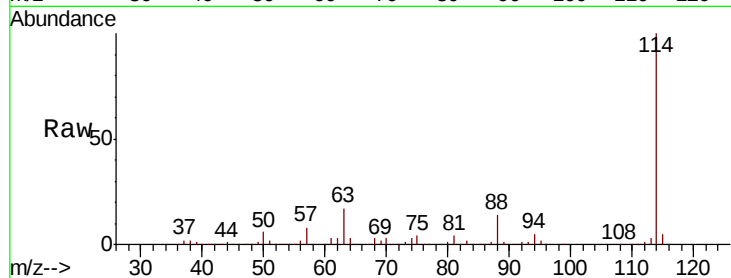




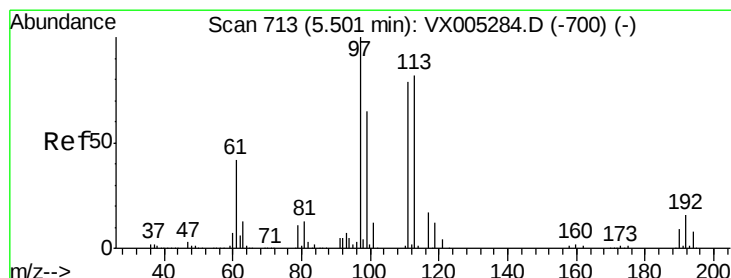
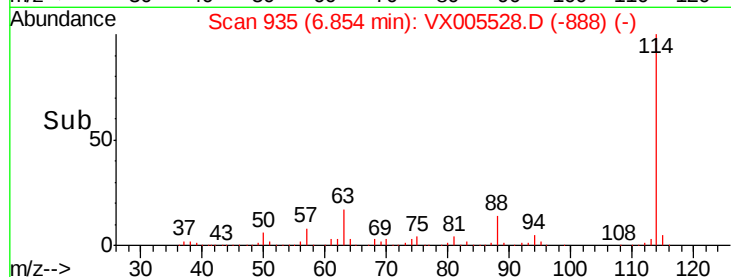
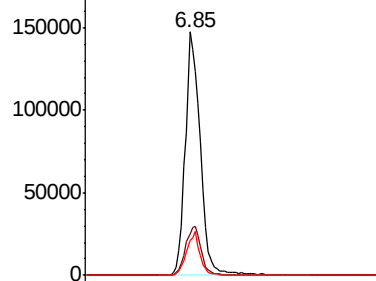
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 935
Delta R.T. -0.01 min
Lab File: VX005528.D
Acq: 23 Oct 2018 18:27

Instrument :
MSVOA_X
ClientSampleId :
MW-4

Tot Ion:114 Resp: 343270
Ion Ratio Lower Upper
114 100
63 17.1 0.0 39.0
88 14.4 0.0 30.4

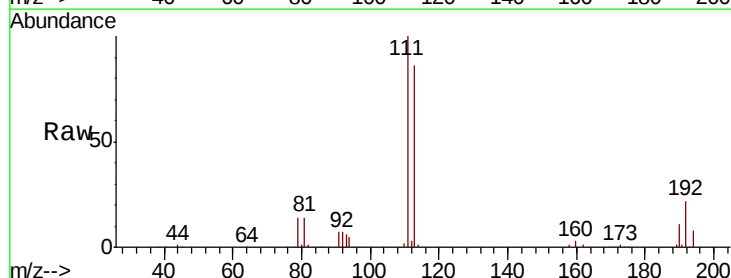


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

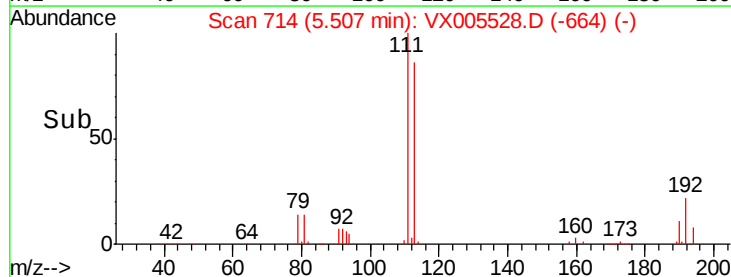
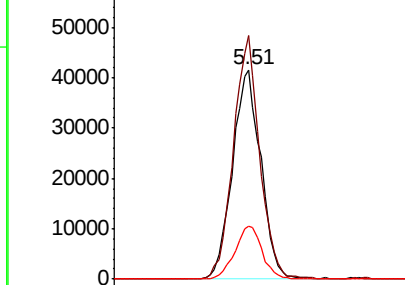


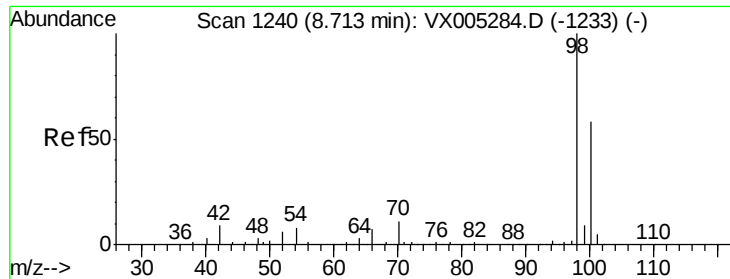
#35
Dibromofluoromethane
Concen: 51.603 ug/l
RT: 5.51 min Scan# 714
Delta R.T. 0.01 min
Lab File: VX005528.D
Acq: 23 Oct 2018 18:27

Tgt Ion:113 Resp: 117323
Ion Ratio Lower Upper
113 100
111 107.3 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: 47.989 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VX005528.D

Acq: 23 Oct 2018 18:27

Instrument :

MSVOA_X

ClientSampled :

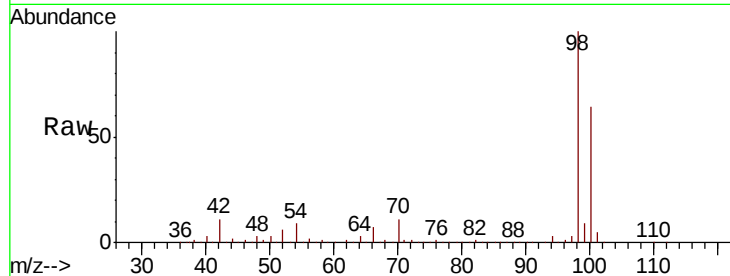
MW-4

Tot Ion: 98 Resp: 374570

Ion Ratio Lower Upper

98 100

100 63.9 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.72

250000

200000

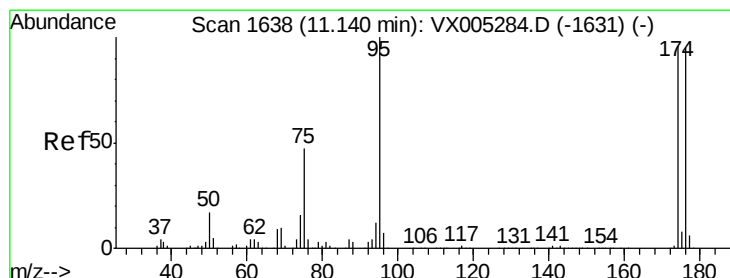
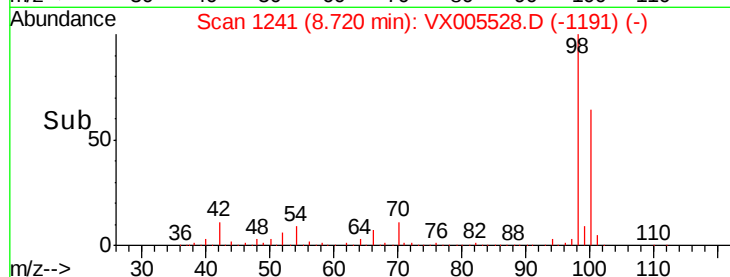
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 42.206 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005528.D

Acq: 23 Oct 2018 18:27

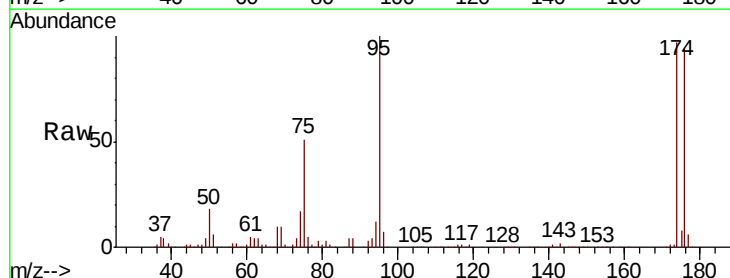
Tgt Ion: 95 Resp: 123756

Ion Ratio Lower Upper

95 100

174 92.8 0.0 185.2

176 89.1 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

120000

100000

80000

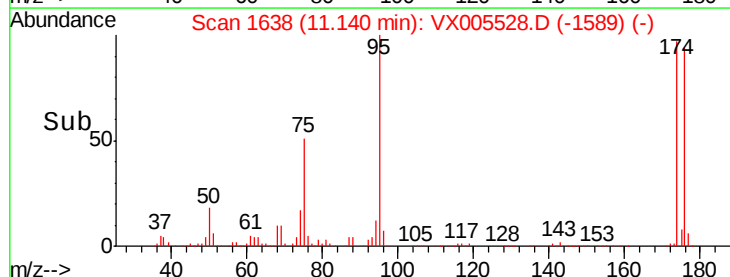
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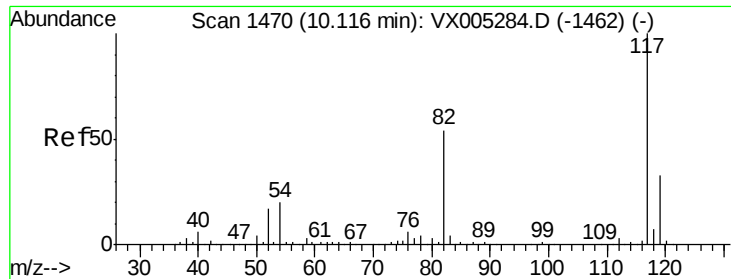
40000

20000

0

Time-->

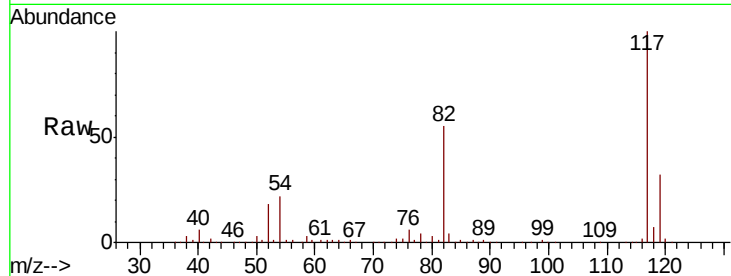




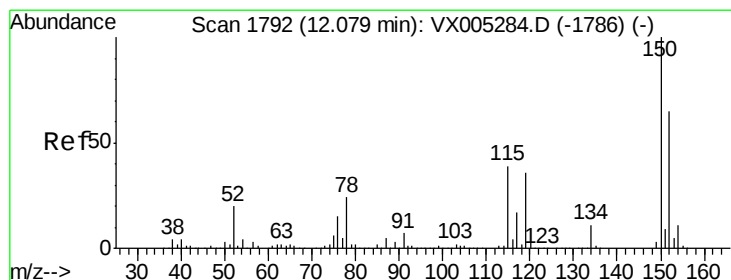
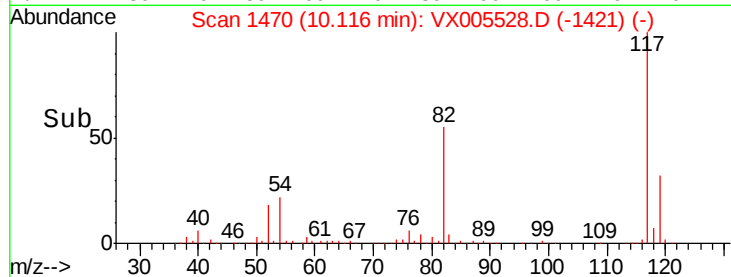
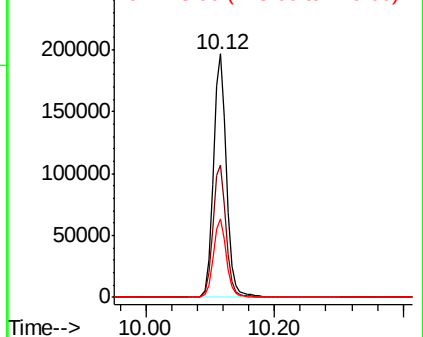
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005528.D
Acq: 23 Oct 2018 18:27

Instrument :
MSVOA_X
ClientSampled :
MW-4

Tot Ion:117 Resp: 279994
Ion Ratio Lower Upper
117 100
82 54.5 47.8 71.6
119 32.1 29.3 43.9

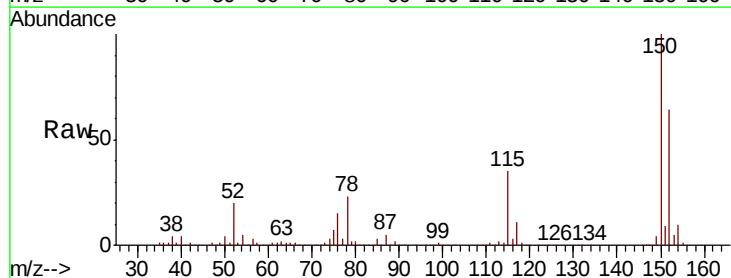


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005528.D
Acq: 23 Oct 2018 18:27

Tgt Ion:152 Resp: 133658
Ion Ratio Lower Upper
152 100
115 55.3 39.0 117.0
150 156.5 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

