

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101918\
 Data File : VX005461.D
 Acq On : 19 Oct 2018 16:33
 Operator : JC/MD
 Sample : J5602-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RAV-SP9

Quant Time: Oct 20 05:23:13 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

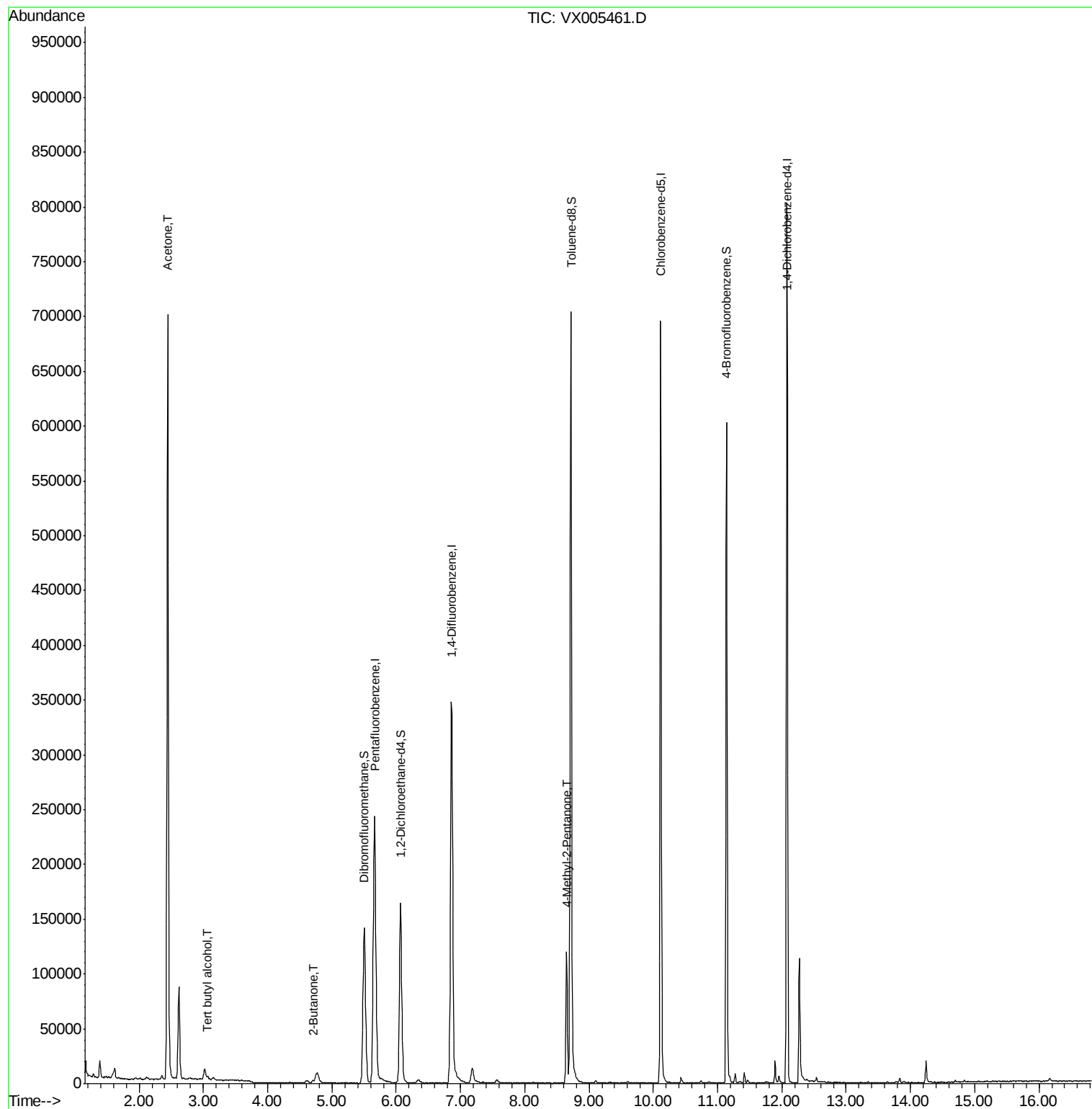
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	256180	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	375203	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	337817	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	167164	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	155022	54.52	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	109.04%	
35) Dibromofluoromethane	5.50	113	119609	48.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.26%	
50) Toluene-d8	8.72	98	462217	54.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.36%	
62) 4-Bromofluorobenzene	11.14	95	147432	46.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.00%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.06	59	3070	3.828	ug/l #	89
16) Acetone	2.45	43	659226	401.012	ug/l #	87
25) 2-Butanone	4.71	43	5128	2.132	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	71576	16.606	ug/l	93

(#) = 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. -0.00 min

Lab File: VX005461.D

Acq: 19 Oct 2018 16:33

Instrument :

MSVOA_X

ClientSampleId :

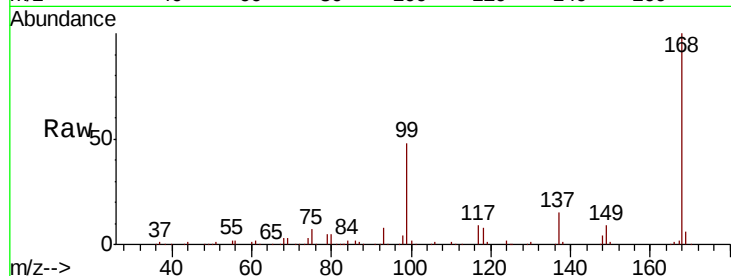
RAV-SP9

Tot Ion:168 Resp: 256180

Ion Ratio Lower Upper

168 100

99 48.4 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

100000

80000

60000

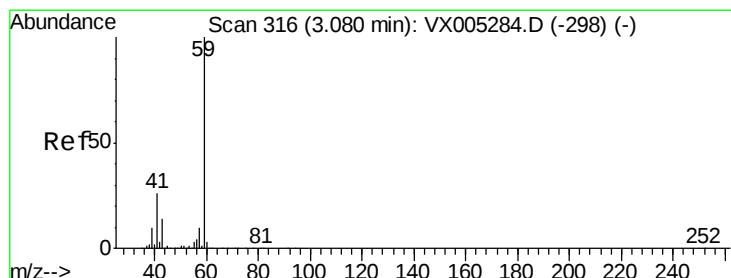
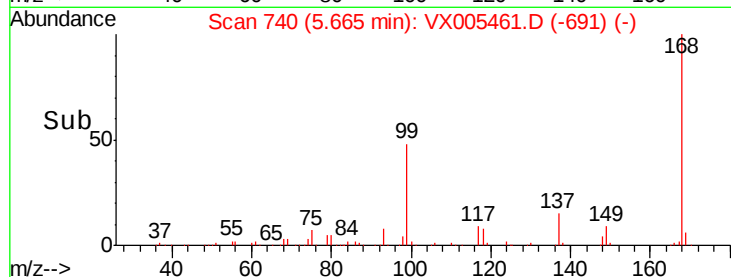
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#11

Tert butyl alcohol

Concen: 3.828 ug/l

RT: 3.06 min Scan# 313

Delta R.T. -0.02 min

Lab File: VX005461.D

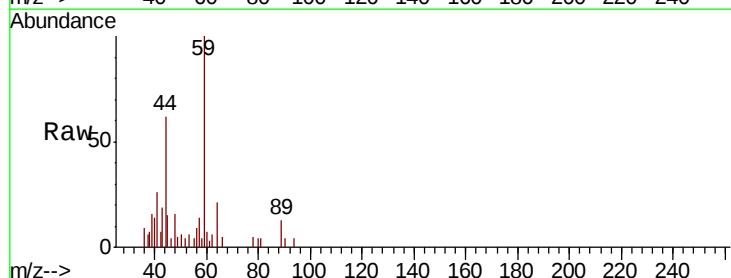
Acq: 19 Oct 2018 16:33

Tgt Ion: 59 Resp: 3070

Ion Ratio Lower Upper

59 100

57 14.4 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

2500

2000

1500

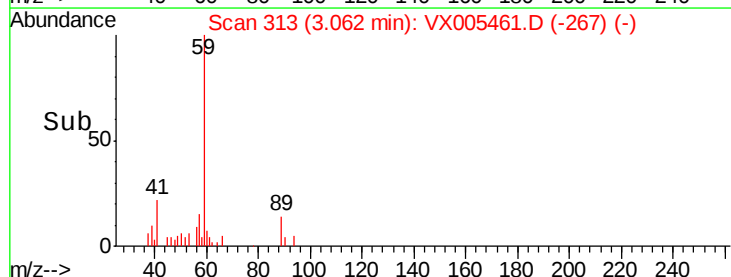
1000

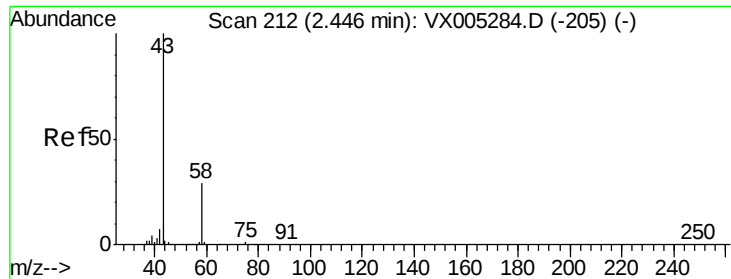
500

0

Time-->

3.05 3.10 3.15

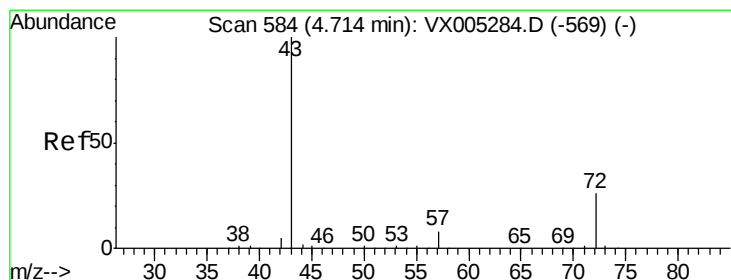
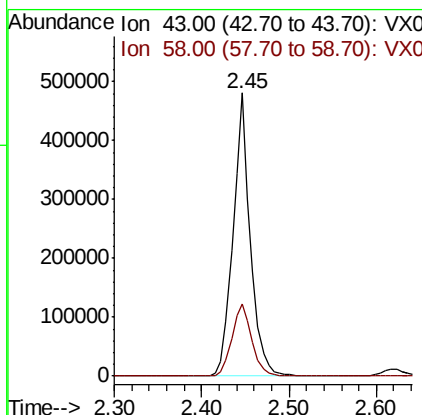
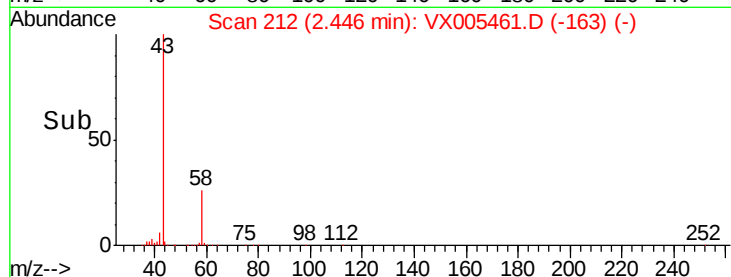
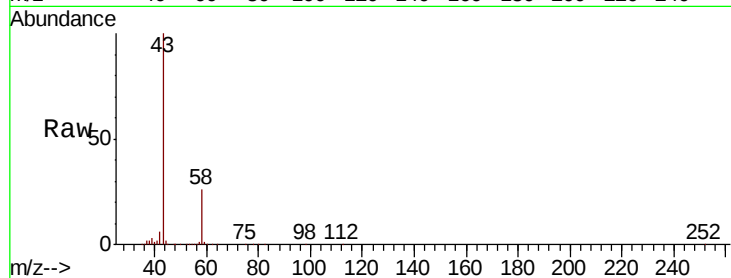




#16
Acetone
Concen: 401.012 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX005461.D
Acq: 19 Oct 2018 16:33

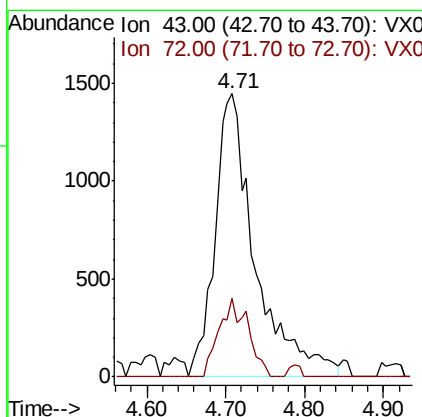
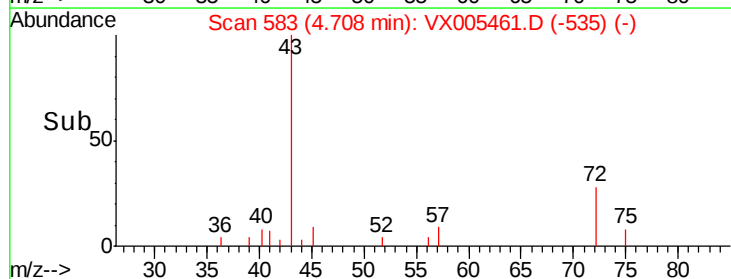
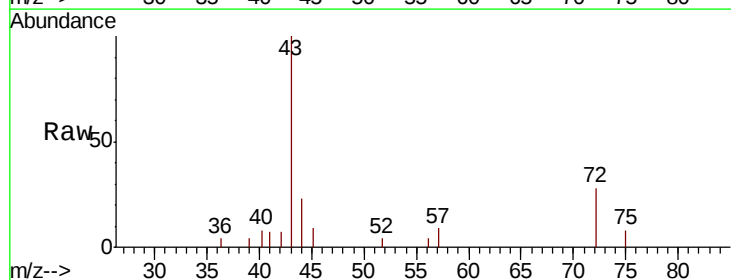
Instrument :
MSVOA_X
ClientSampleId :
RAV-SP9

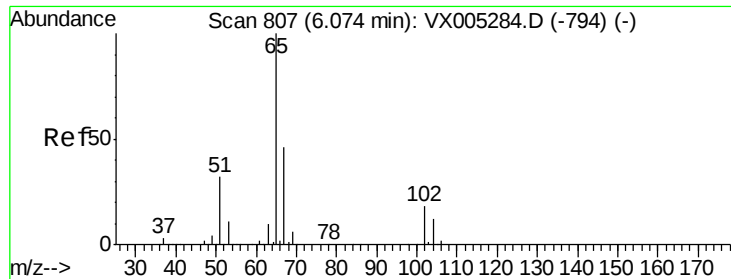
Tot Ion: 43 Resp: 659226
Ion Ratio Lower Upper
43 100
58 25.5 26.2 39.4#



#25
2-Butanone
Concen: 2.132 ug/l
RT: 4.71 min Scan# 583
Delta R.T. -0.01 min
Lab File: VX005461.D
Acq: 19 Oct 2018 16:33

Tgt Ion: 43 Resp: 5128
Ion Ratio Lower Upper
43 100
72 27.9 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 54.524 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

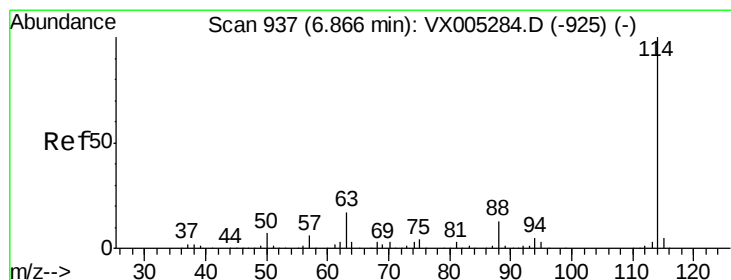
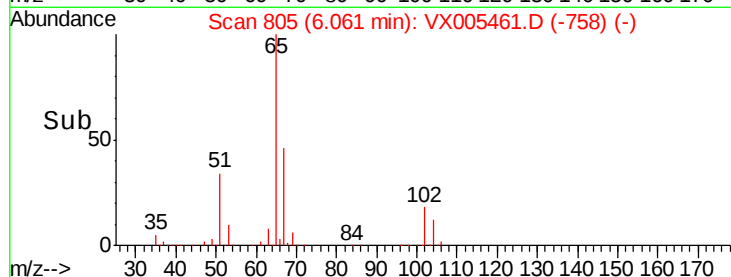
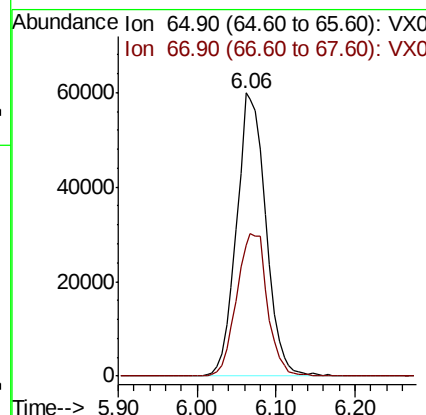
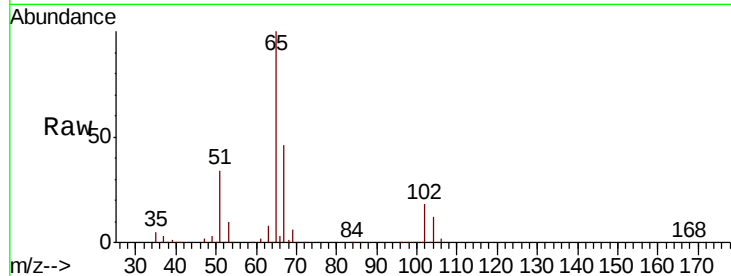
Lab File: VX005461.D

Acq: 19 Oct 2018 16:33

Instrument :
MSVOA_X
ClientSampleId :
RAV-SP9

Tot Ion: 65 Resp: 155022

Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	106.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

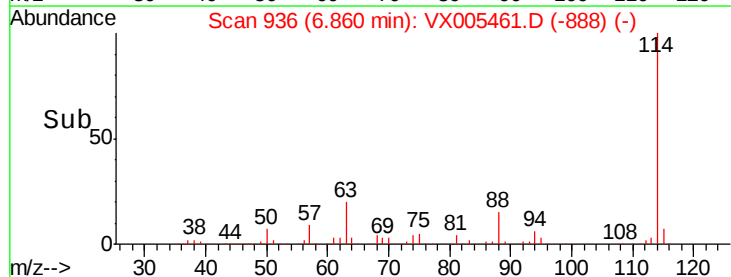
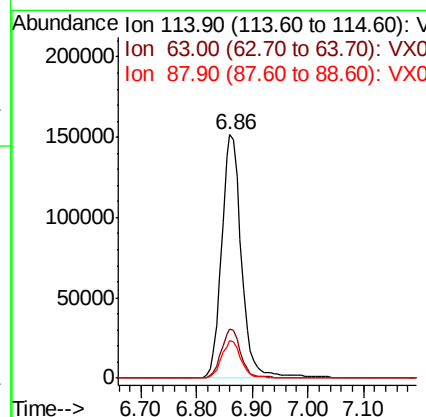
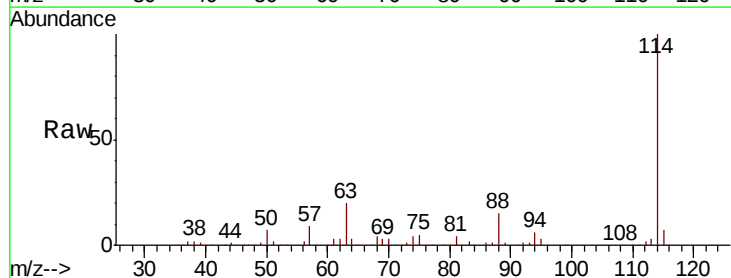
Delta R.T. -0.01 min

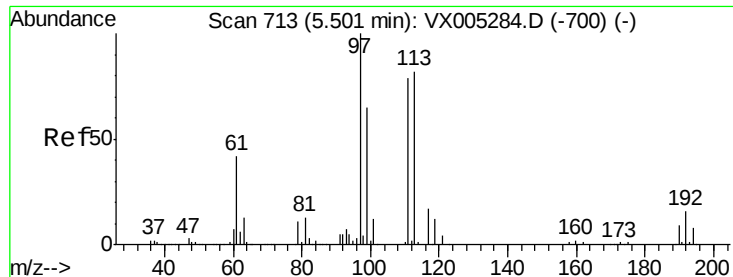
Lab File: VX005461.D

Acq: 19 Oct 2018 16:33

Tgt Ion: 114 Resp: 375203

Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	39.0
88	15.2	0.0	30.4

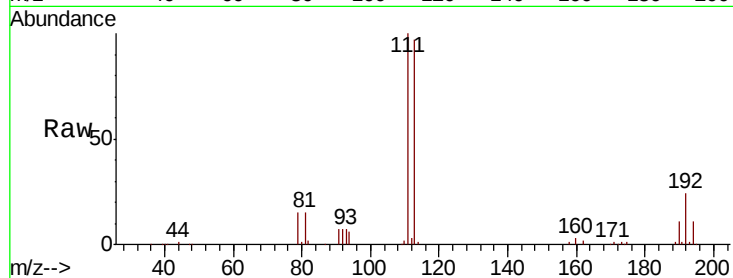




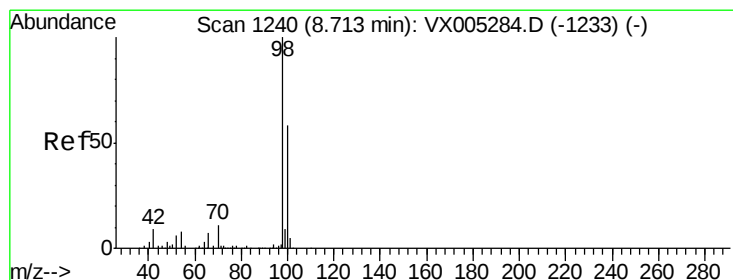
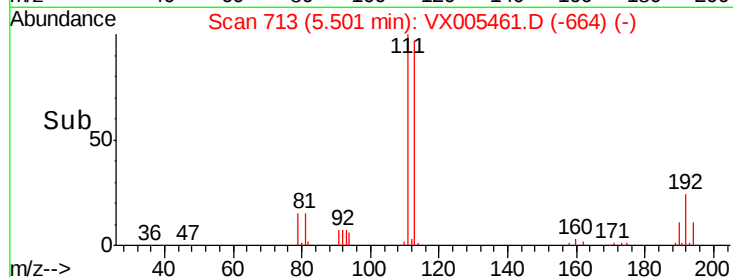
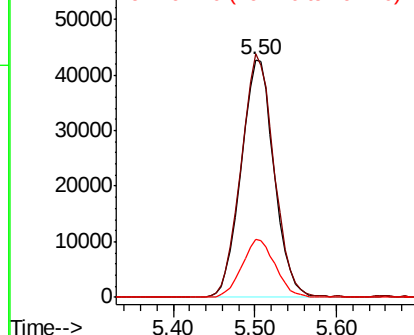
#35
Dibromofluoromethane
Concen: 48.131 ug/l
RT: 5.50 min Scan# 713
Delta R.T. -0.00 min
Lab File: VX005461.D
Acq: 19 Oct 2018 16:33

Instrument :
MSVOA_X
ClientSampleId :
RAV-SP9

Tot Ion:113 Resp: 119609
Ion Ratio Lower Upper
113 100
111 102.7 82.4 123.6
192 24.6 19.4 29.2

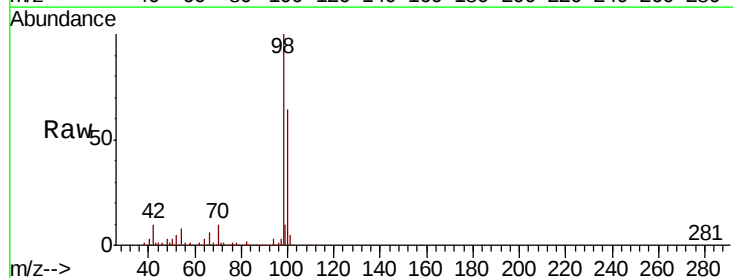


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

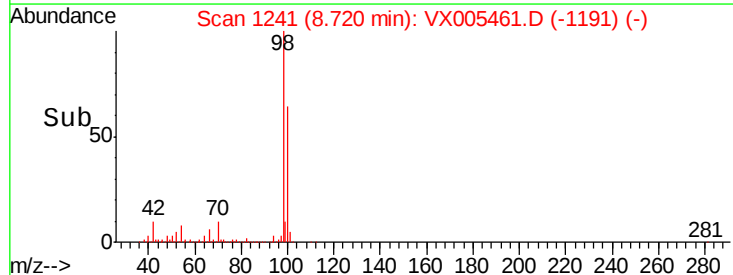
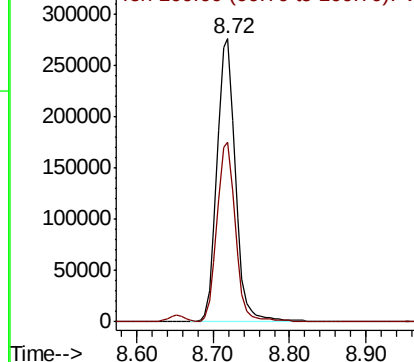


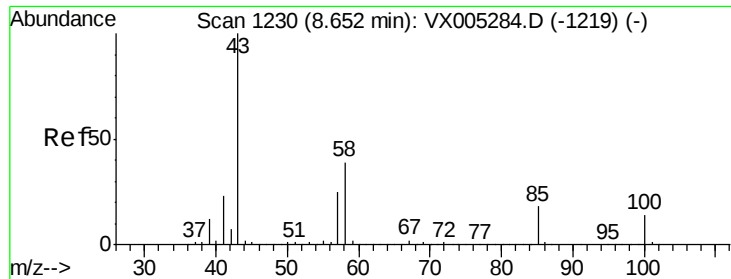
#50
Toluene-d8
Concen: 54.178 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.01 min
Lab File: VX005461.D
Acq: 19 Oct 2018 16:33

Tgt Ion: 98 Resp: 462217
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





#51

4-Methyl-2-Pentanone

Concen: 16.606 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. -0.00 min

Lab File: VX005461.D

Acq: 19 Oct 2018 16:33

Instrument :

MSVOA_X

ClientSampleId :

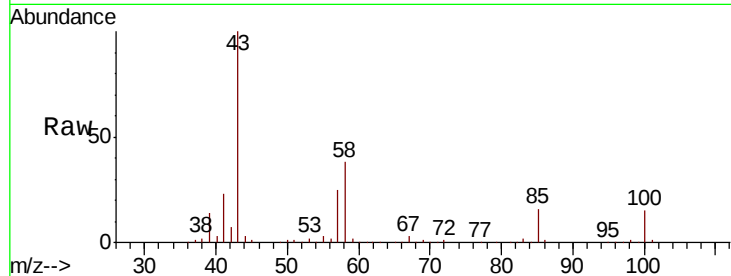
RAV-SP9

Tot Ion: 43 Resp: 71576

Ion Ratio Lower Upper

43 100

58 36.7 33.1 49.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

40000

30000

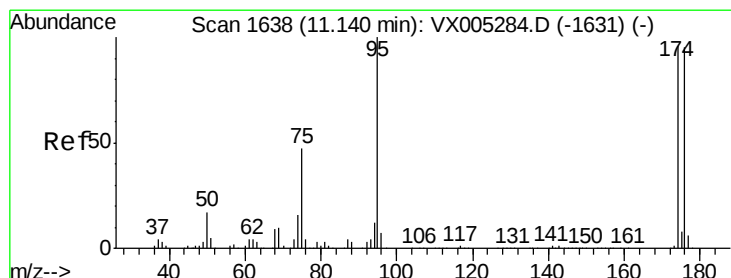
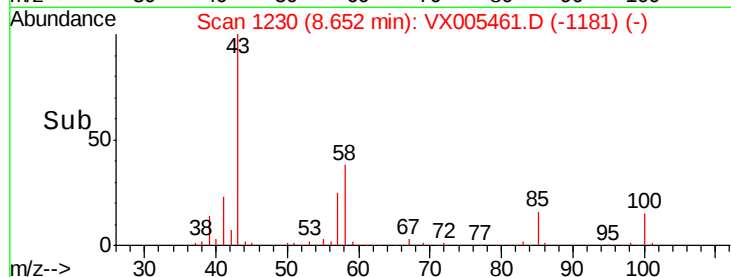
20000

10000

0

8.60 8.65 8.70

Time-->



#62

4-Bromofluorobenzene

Concen: 46.002 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005461.D

Acq: 19 Oct 2018 16:33

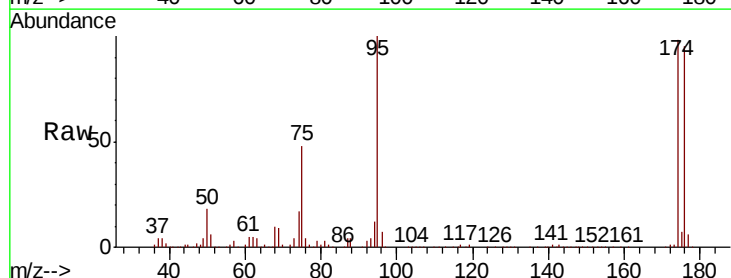
Tgt Ion: 95 Resp: 147432

Ion Ratio Lower Upper

95 100

174 95.7 0.0 185.2

176 92.5 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

150000

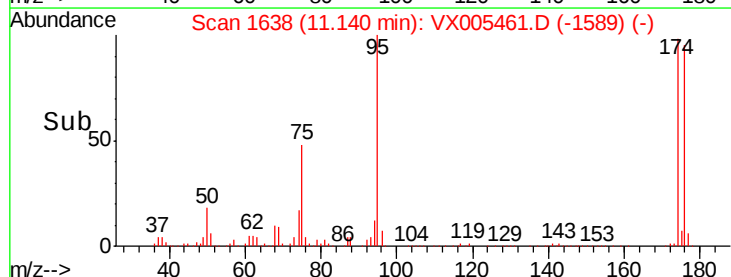
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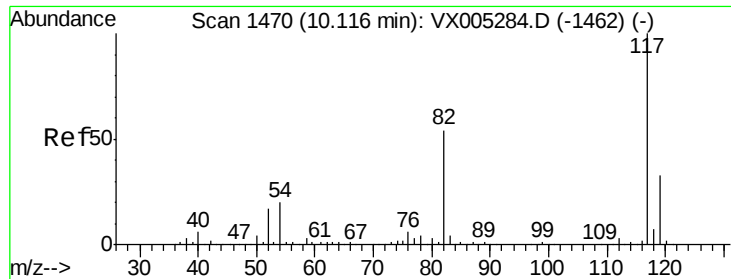
50000

0

11.10 11.14 11.20

Time-->

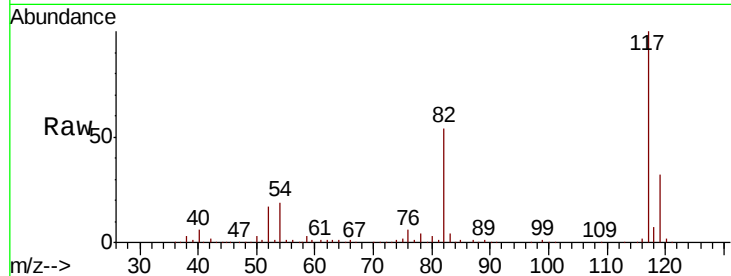




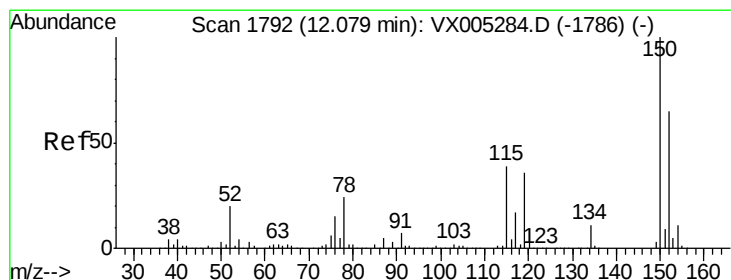
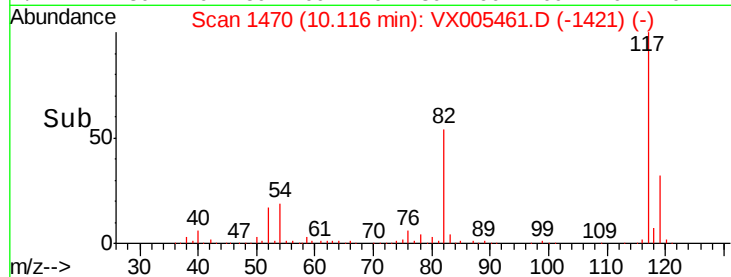
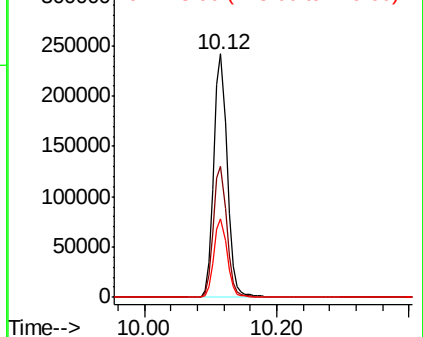
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005461.D
Acq: 19 Oct 2018 16:33

Instrument :
MSVOA_X
ClientSampleId :
RAV-SP9

Tot Ion:117 Resp: 337817
Ion Ratio Lower Upper
117 100
82 53.7 47.8 71.6
119 32.3 29.3 43.9

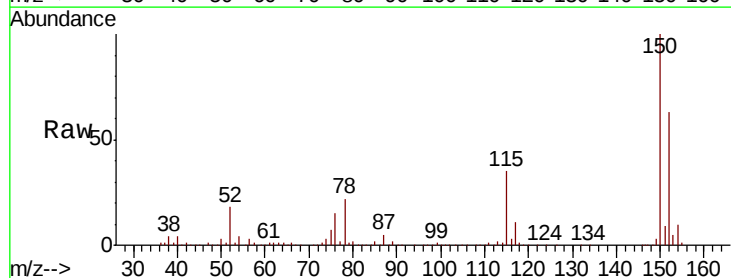


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005461.D
Acq: 19 Oct 2018 16:33

Tgt Ion:152 Resp: 167164
Ion Ratio Lower Upper
152 100
115 54.6 39.0 117.0
150 157.8 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

