

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX005061.D
 Acq On : 05 Oct 2018 11:11
 Operator : JC/MD
 Sample : J5207-26
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 99 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-DUP05-20180928

Quant Time: Oct 05 14:35:37 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	196396	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	315366	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	311267	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	173121	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	153920	54.86	ug/l	0.00
Spiked Amount			Recovery	=	109.72%	
35) Dibromofluoromethane	5.50	113	128510	48.08	ug/l	0.00
Spiked Amount			Recovery	=	96.16%	
50) Toluene-d8	8.72	98	463894	52.21	ug/l	0.00
Spiked Amount			Recovery	=	104.42%	
62) 4-Bromofluorobenzene	11.14	95	167570	52.35	ug/l	0.00
Spiked Amount			Recovery	=	104.70%	

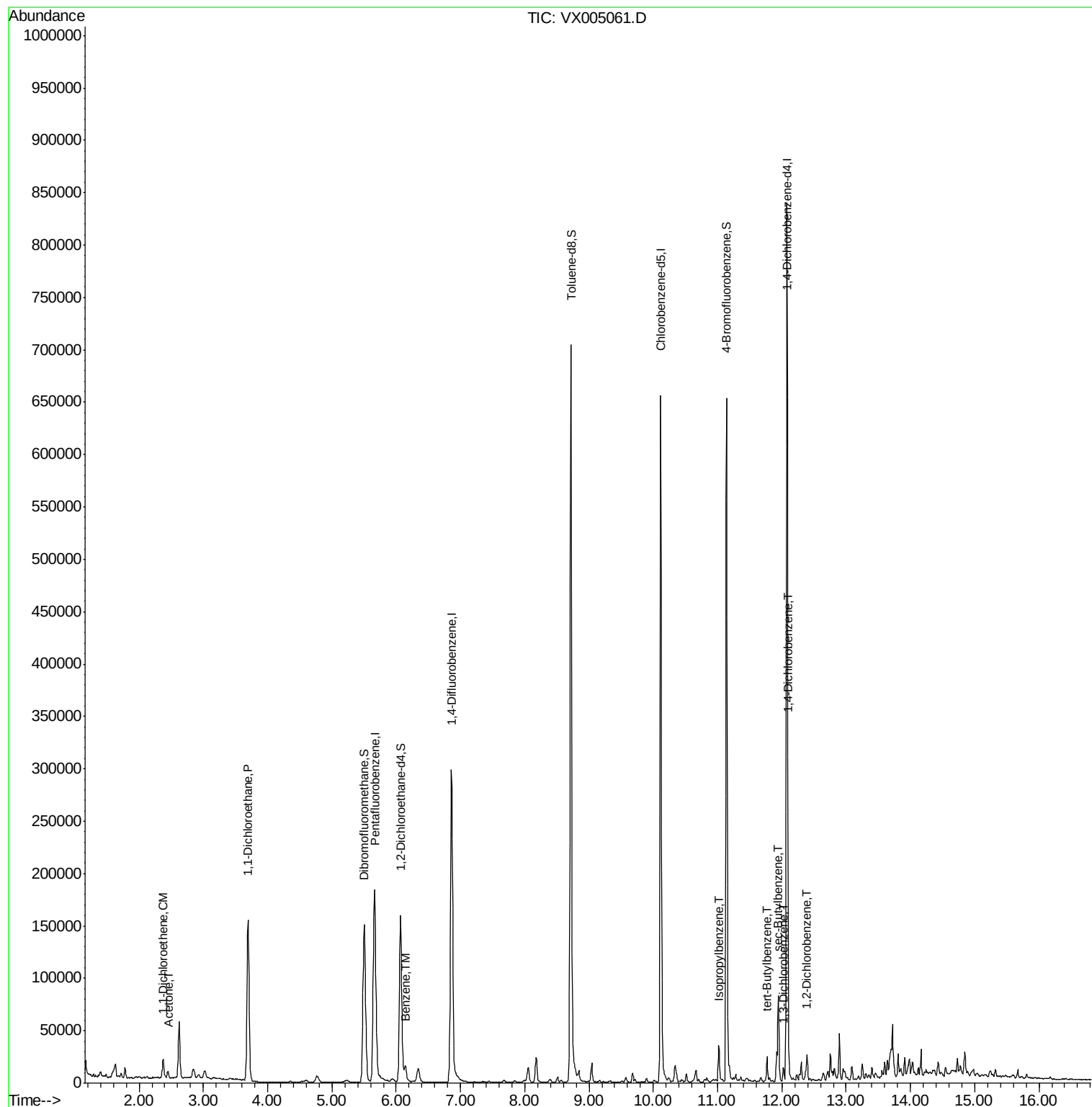
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.37	96	5977	2.809	ug/l	81
16) Acetone	2.45	43	7045	4.301	ug/l #	82
24) 1,1-Dichloroethane	3.70	63	173225	37.141	ug/l	99
40) Benzene	6.14	78	16865	1.477	ug/l	90
73) Isopropylbenzene	11.02	105	17191	1.575	ug/l	96
83) tert-Butylbenzene	11.77	119	8528	0.949	ug/l	89
85) sec-Butylbenzene	11.94	105	41095	3.755	ug/l	84
87) 1,3-Dichlorobenzene	12.02	146	3758	0.635	ug/l	93
88) 1,4-Dichlorobenzene	12.10	146	17939	2.936	ug/l	90
91) 1,2-Dichlorobenzene	12.39	146	6647	1.075	ug/l	99

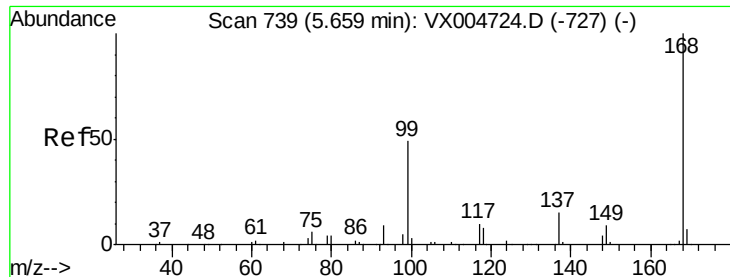
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100418\
Data File : VX005061.D
Acq On : 05 Oct 2018 11:11
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Sample : J5207-26
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 99 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SA-DUP05-20180928

Quant Time: Oct 05 14:35:37 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005061.D

Acq: 05 Oct 2018 11:11

Instrument :

MSVOA_X

ClientSampleId :

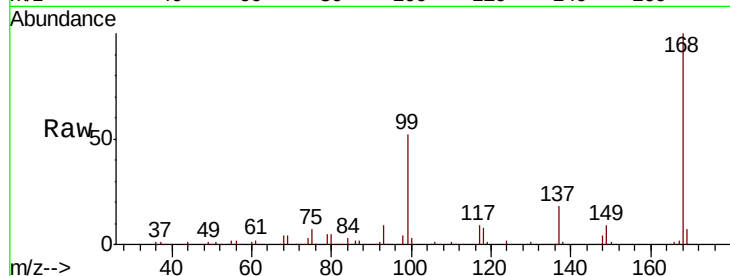
SA-DUP05-20180928

Tot Ion:168 Resp: 196396

Ion Ratio Lower Upper

168 100

99 51.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

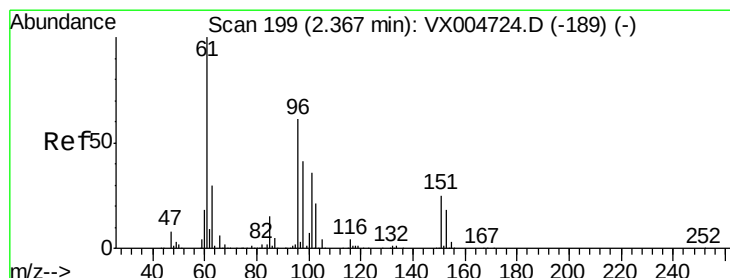
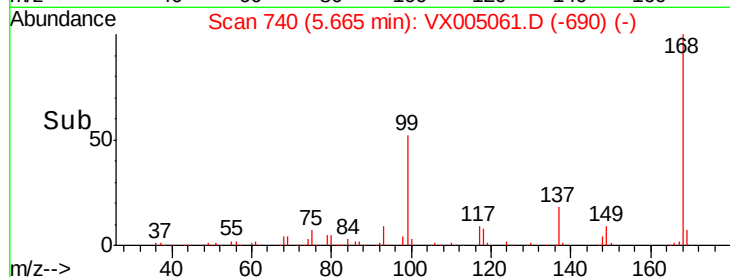
40000

20000

0

Time-->

5.50 5.60 5.70 5.80 5.90



#12

1,1-Dichloroethene

Concen: 2.809 ug/l

RT: 2.37 min Scan# 200

Delta R.T. 0.01 min

Lab File: VX005061.D

Acq: 05 Oct 2018 11:11

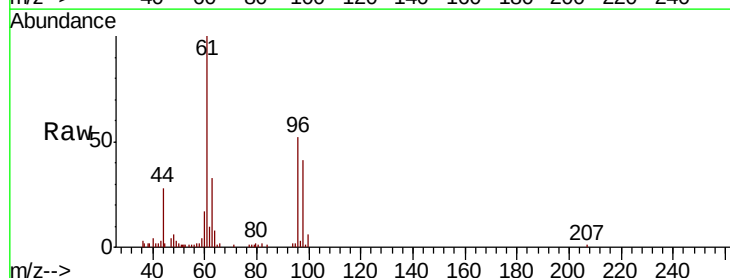
Tgt Ion: 96 Resp: 5977

Ion Ratio Lower Upper

96 100

61 190.3 130.2 195.4

98 79.9 53.4 80.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

8000

6000

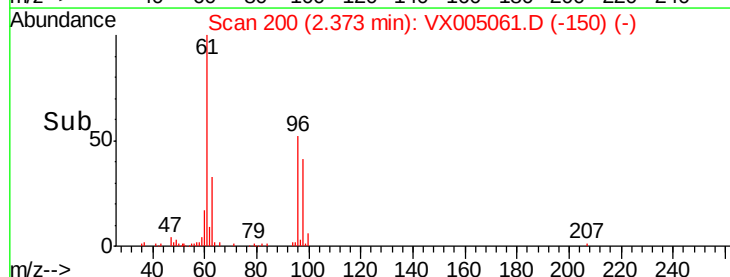
4000

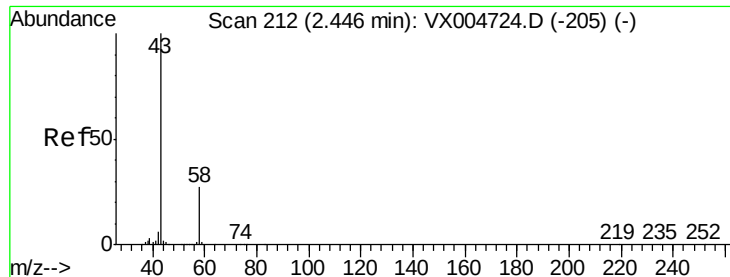
2000

0

Time-->

2.30 2.35 2.40 2.45

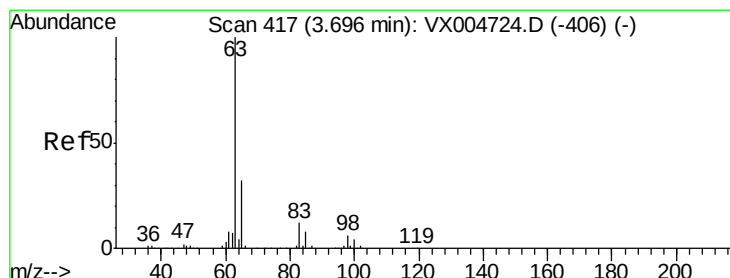
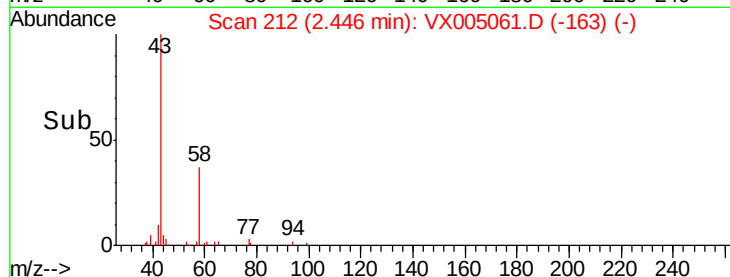
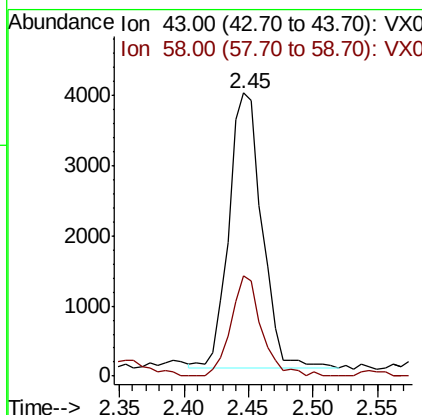
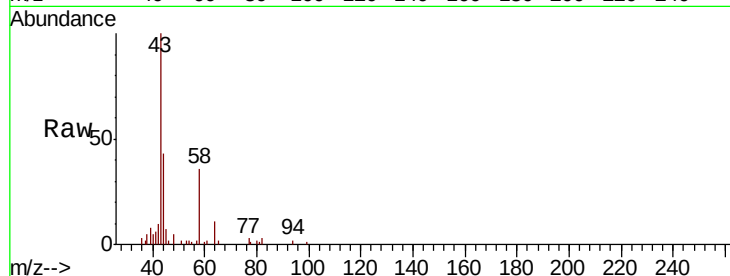




#16
Acetone
Concen: 4.301 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX005061.D
Acq: 05 Oct 2018 11:11

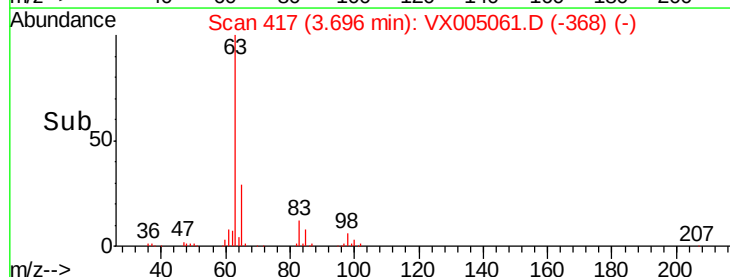
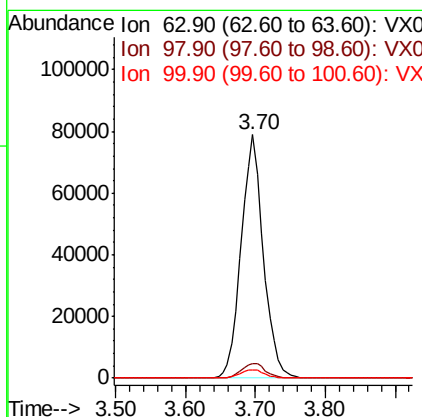
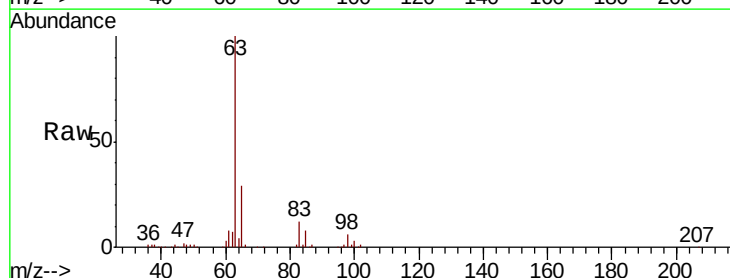
Instrument :
MSVOA_X
ClientSampleId :
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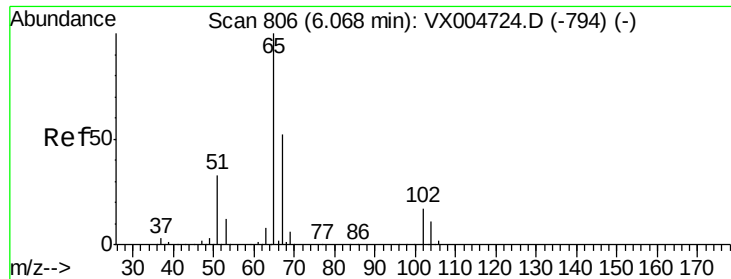
Tot Ion: 43 Resp: 7045
Ion Ratio Lower Upper
43 100
58 36.6 21.8 32.6#



#24
1,1-Dichloroethane
Concen: 37.141 ug/l
RT: 3.70 min Scan# 417
Delta R.T. -0.00 min
Lab File: VX005061.D
Acq: 05 Oct 2018 11:11

Tgt Ion: 63 Resp: 173225
Ion Ratio Lower Upper
63 100
98 5.8 3.0 9.2
100 3.5 2.0 5.8

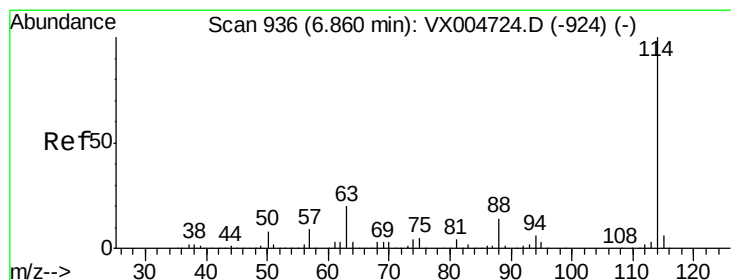
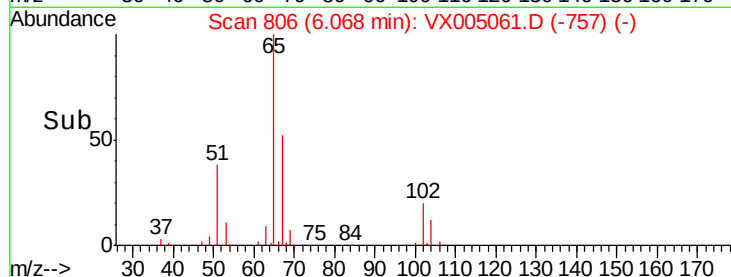
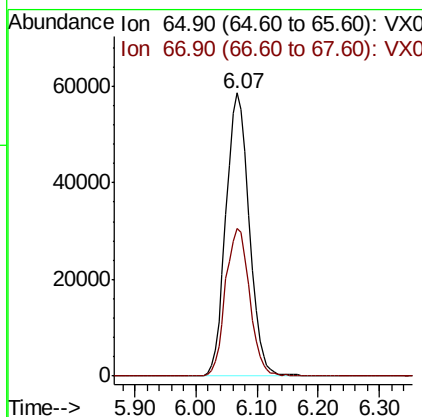
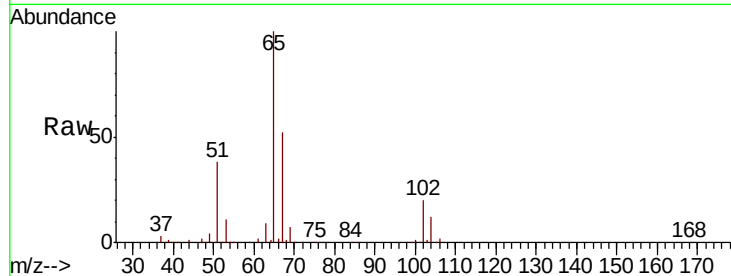




#33
 1,2-Dichloroethane-d4
 Concen: 54.863 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005061.D
 Acq: 05 Oct 2018 11:11

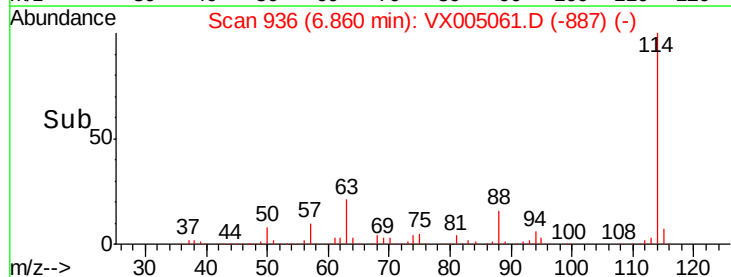
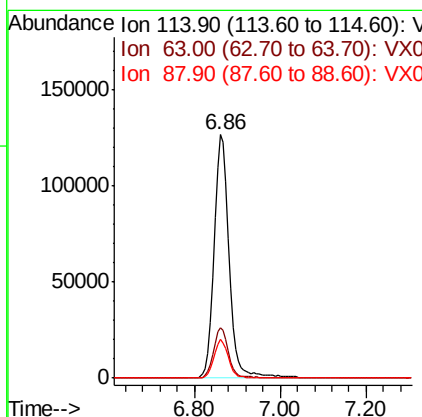
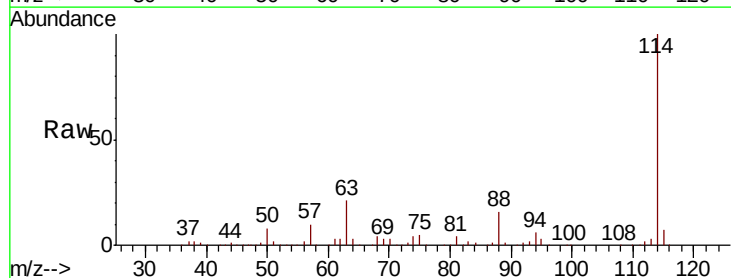
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-DUP05-20180928

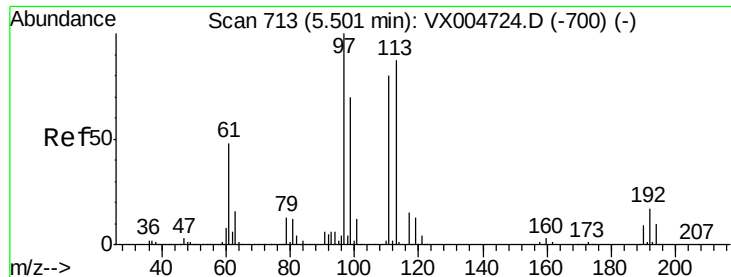
Tot Ion: 65 Resp: 153920
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005061.D
 Acq: 05 Oct 2018 11:11

Tgt Ion: 114 Resp: 315366
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.8
 88 16.0 0.0 27.0

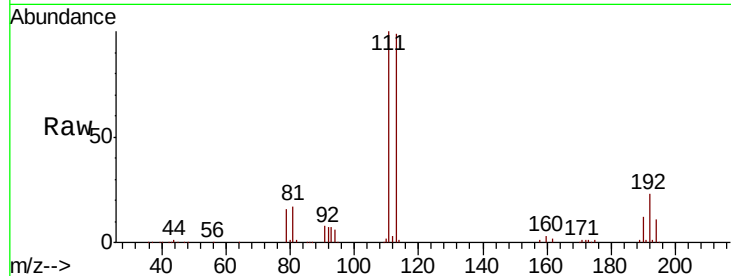




#35
 Dibromofluoromethane
 Concen: 48.081 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005061.D
 Acq: 05 Oct 2018 11:11

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-DUP05-20180928

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.9	77.0	115.4
192	23.5	17.0	25.6

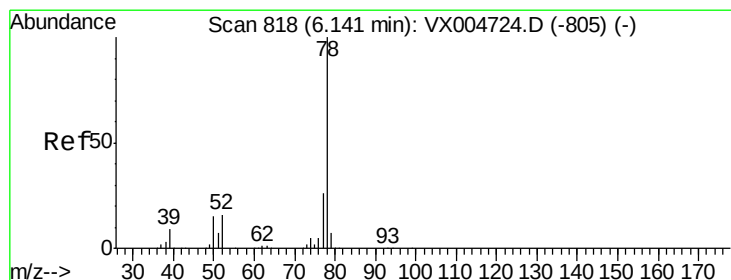
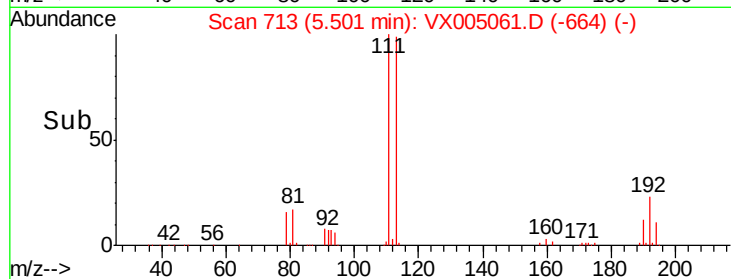
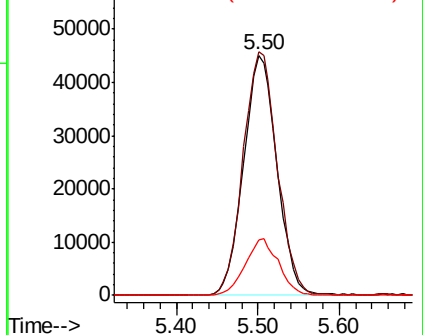


Abundance

Ion 112.80 (112.50 to 113.50): V

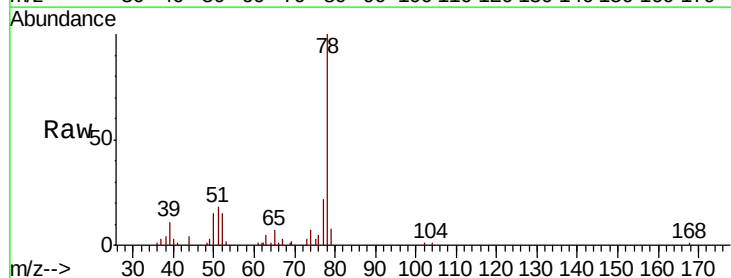
Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#40
 Benzene
 Concen: 1.477 ug/l
 RT: 6.14 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: VX005061.D
 Acq: 05 Oct 2018 11:11

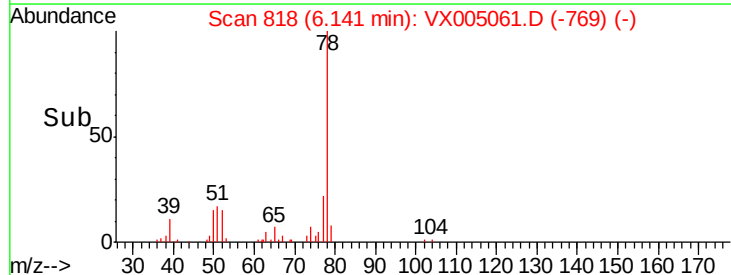
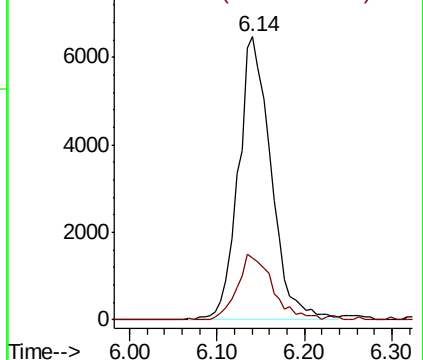
Tgt Ion	Ratio	Lower	Upper
78	100		
77	21.1	21.0	31.4

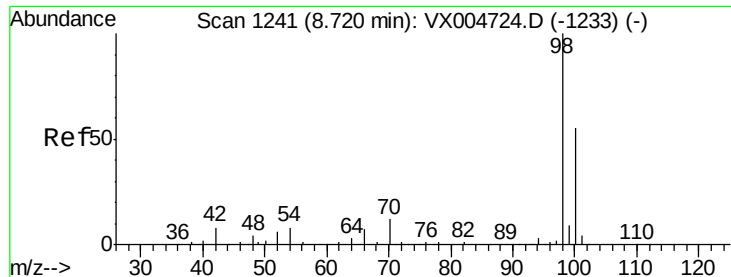


Abundance

Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

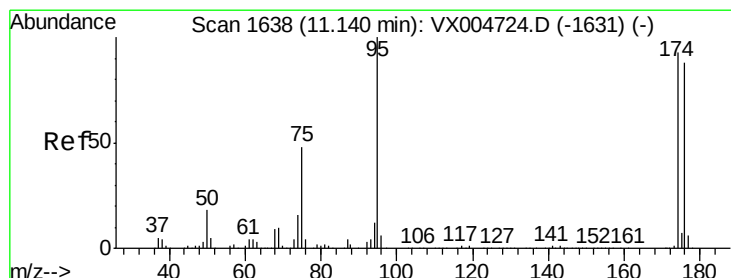
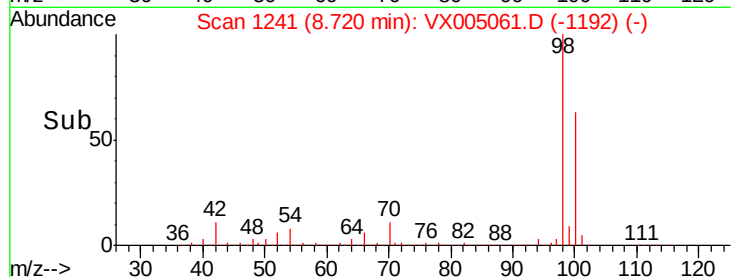
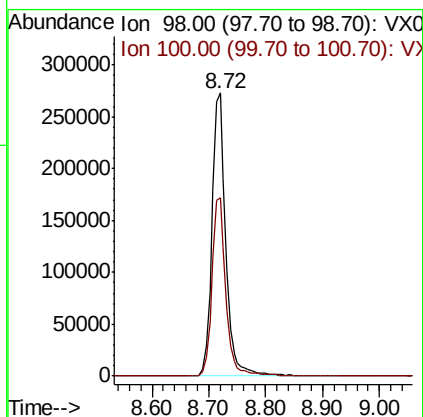
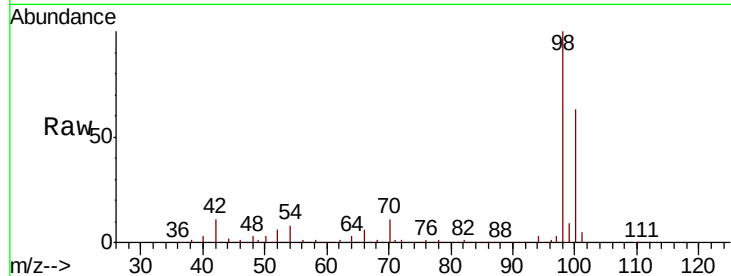




#50
Toluene-d8
Concen: 52.207 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX005061.D
Acq: 05 Oct 2018 11:11

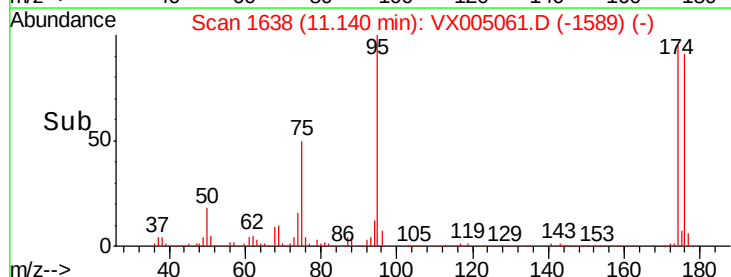
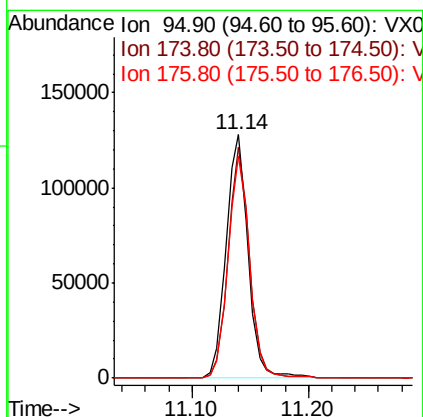
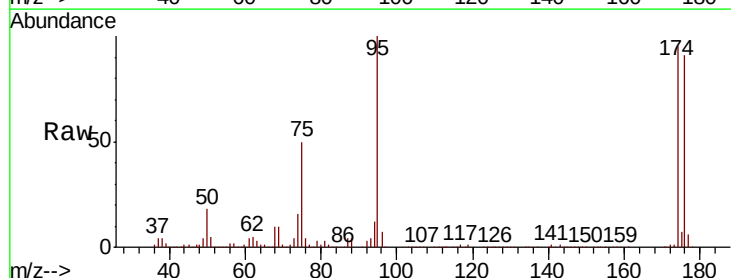
Instrument :
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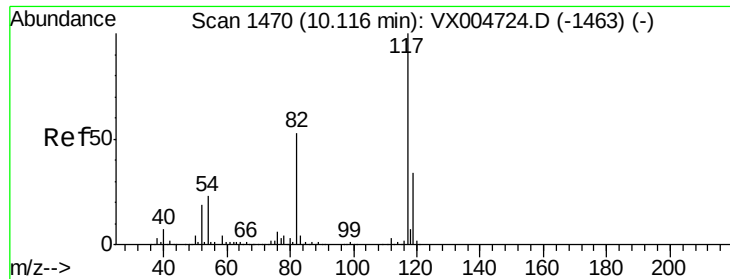
Tot Ion: 98 Resp: 463894
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 52.348 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX005061.D
Acq: 05 Oct 2018 11:11

Tgt Ion: 95 Resp: 167570
Ion Ratio Lower Upper
95 100
174 91.9 0.0 185.0
176 89.4 0.0 180.2

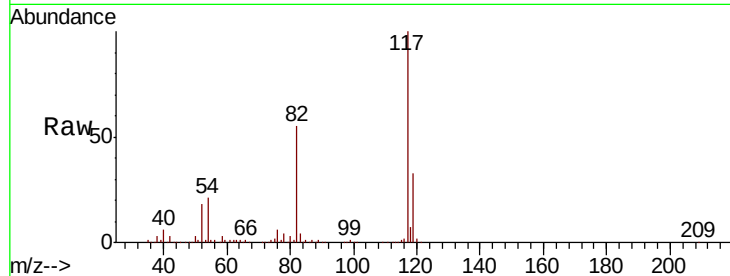




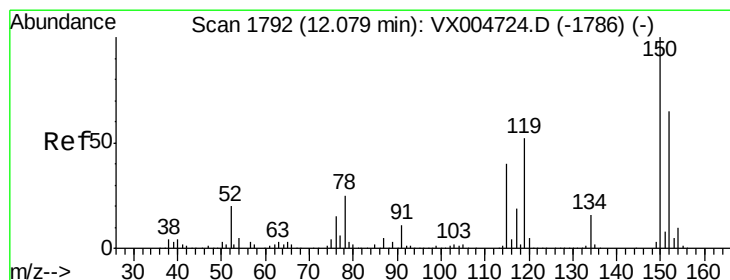
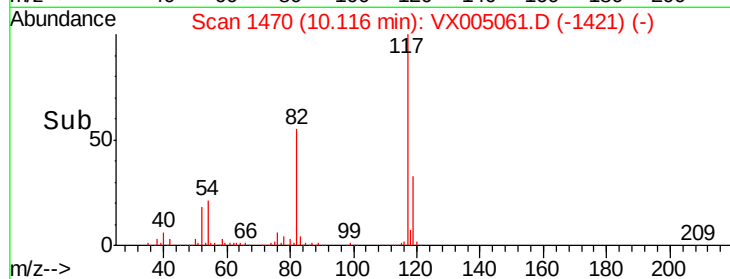
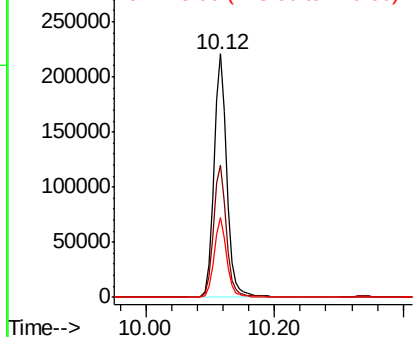
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005061.D
Acq: 05 Oct 2018 11:11

Instrument :
MSVOA_X
ClientSampleId :
SA-DUP05-20180928

Tot Ion:117 Resp: 311267
Ion Ratio Lower Upper
117 100
82 54.5 42.2 63.4
119 33.0 27.4 41.0

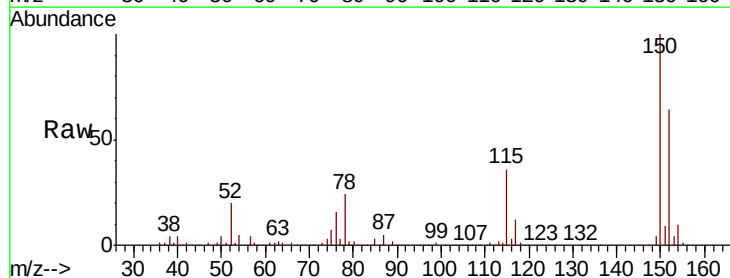


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

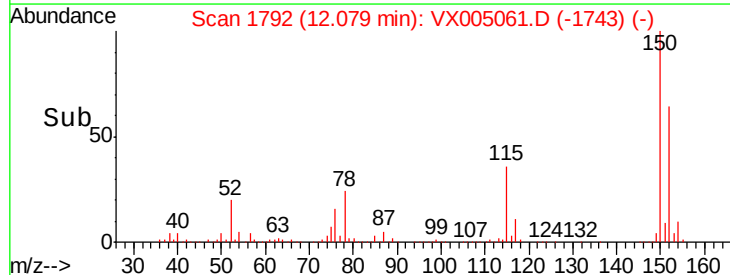
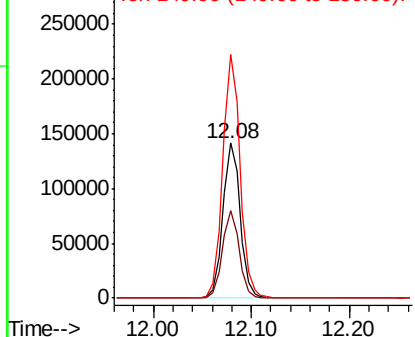


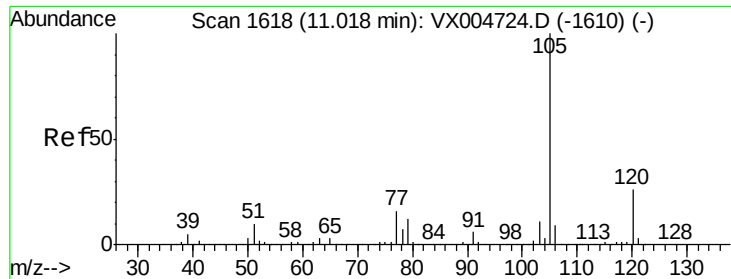
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005061.D
Acq: 05 Oct 2018 11:11

Tgt Ion:152 Resp: 173121
Ion Ratio Lower Upper
152 100
115 55.5 40.2 120.6
150 157.1 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





#73

Isopropylbenzene

Concen: 1.575 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005061.D

Acq: 05 Oct 2018 11:11

Instrument :

MSVOA_X

ClientSampleId :

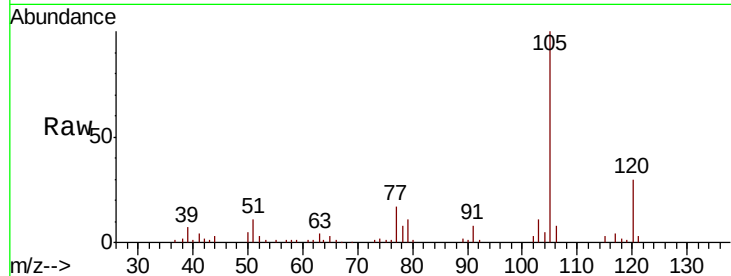
SA-DUP05-20180928

Tot Ion:105 Resp: 17191

Ion Ratio Lower Upper

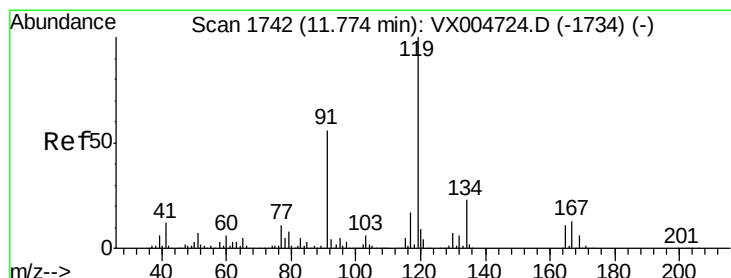
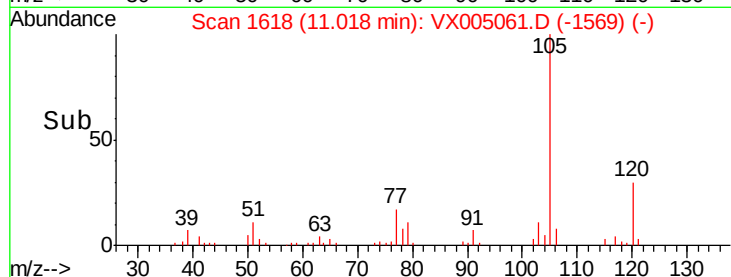
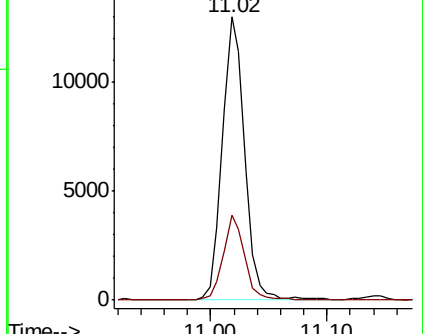
105 100

120 28.6 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#83

tert-Butylbenzene

Concen: 0.949 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.01 min

Lab File: VX005061.D

Acq: 05 Oct 2018 11:11

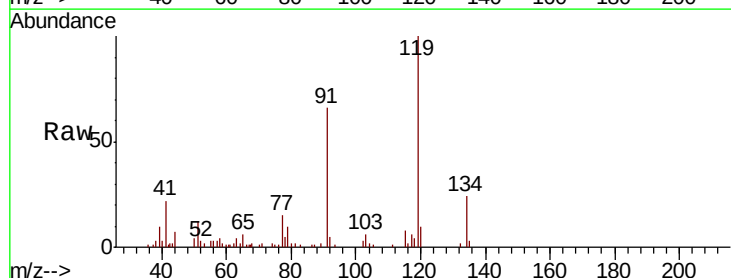
Tgt Ion:119 Resp: 8528

Ion Ratio Lower Upper

119 100

91 66.0 27.5 82.5

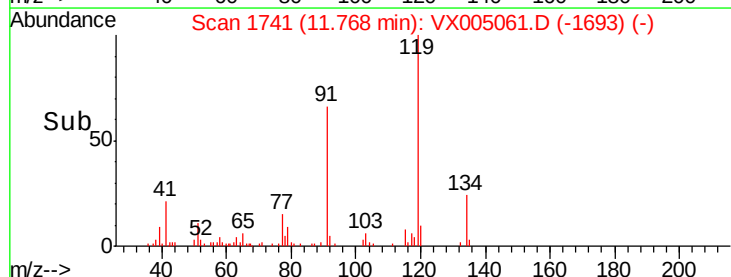
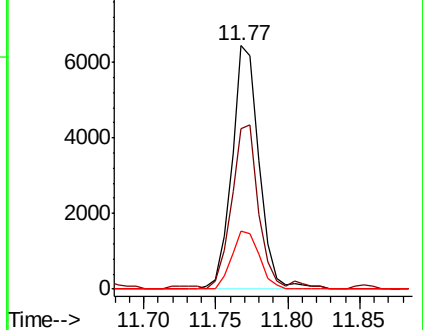
134 24.1 11.5 34.4

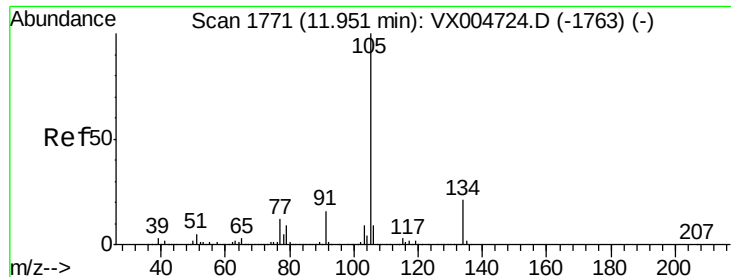


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V





#85

sec-Butylbenzene

Concen: 3.755 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005061.D

Acq: 05 Oct 2018 11:11

Instrument :

MSVOA_X

ClientSampleId :

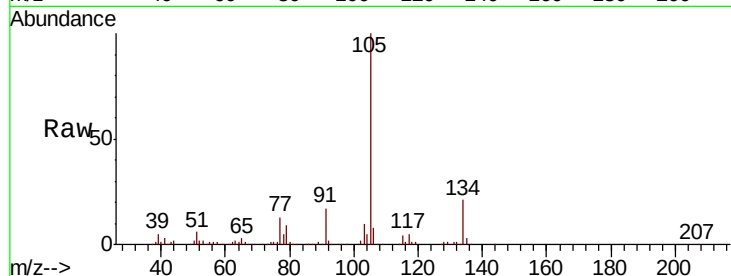
SA-DUP05-20180928

Tot Ion:105 Resp: 41095

Ion Ratio Lower Upper

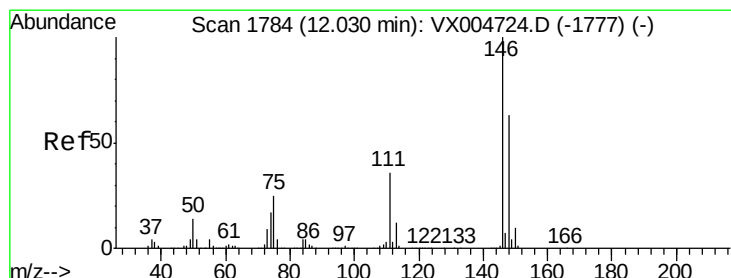
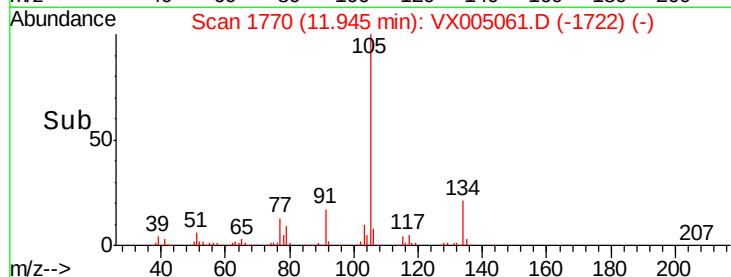
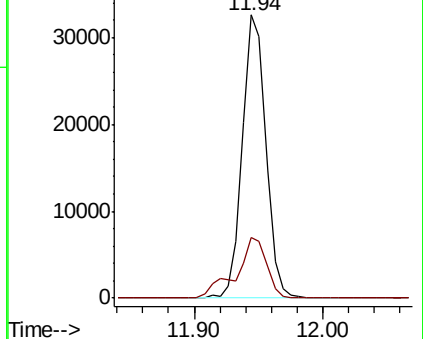
105 100

134 27.7 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#87

1,3-Dichlorobenzene

Concen: 0.635 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VX005061.D

Acq: 05 Oct 2018 11:11

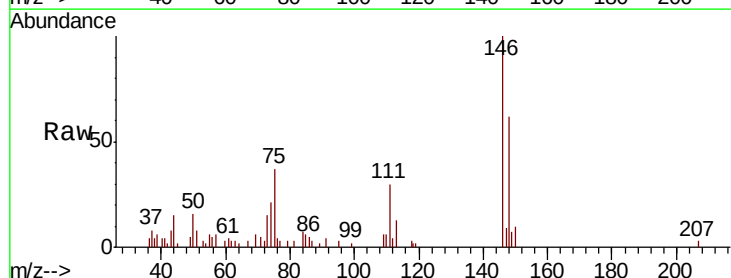
Tgt Ion:146 Resp: 3758

Ion Ratio Lower Upper

146 100

111 35.5 18.9 56.9

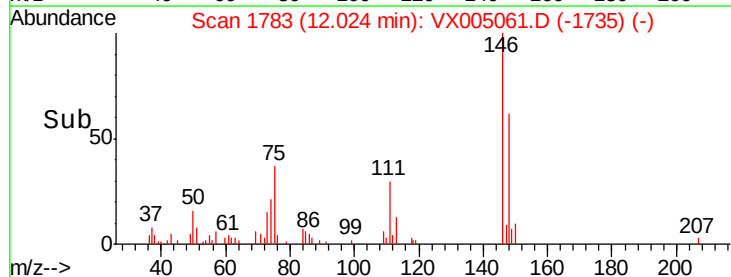
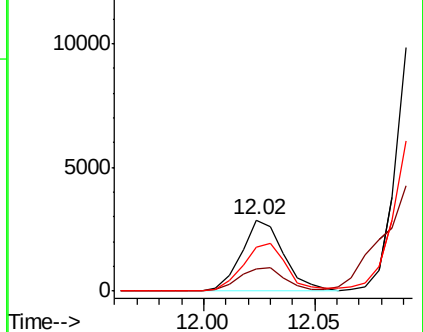
148 70.2 31.8 95.3

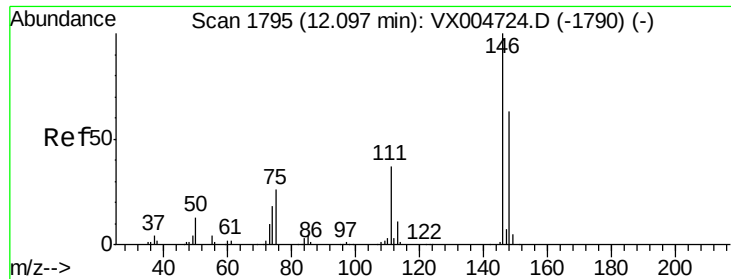


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#88

1,4-Dichlorobenzene

Concen: 2.936 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX005061.D

Acq: 05 Oct 2018 11:11

Instrument :

MSVOA_X

ClientSampleId :

SA-DUP05-20180928

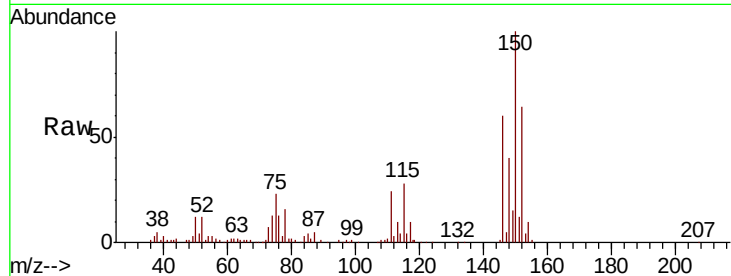
Tot Ion:146 Resp: 17939

Ion Ratio Lower Upper

146 100

111 48.9 18.4 55.2

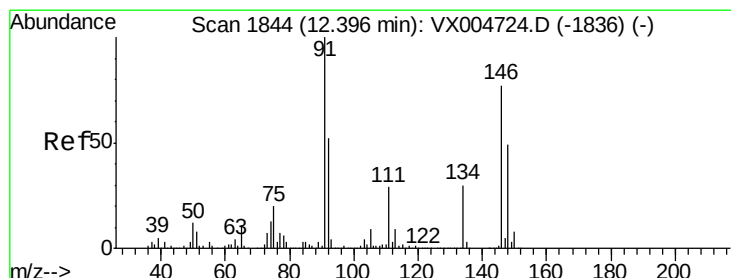
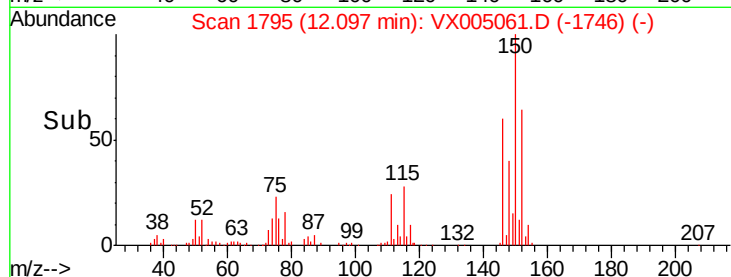
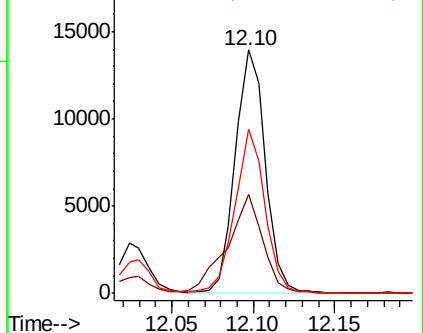
148 67.0 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#91

1,2-Dichlorobenzene

Concen: 1.075 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VX005061.D

Acq: 05 Oct 2018 11:11

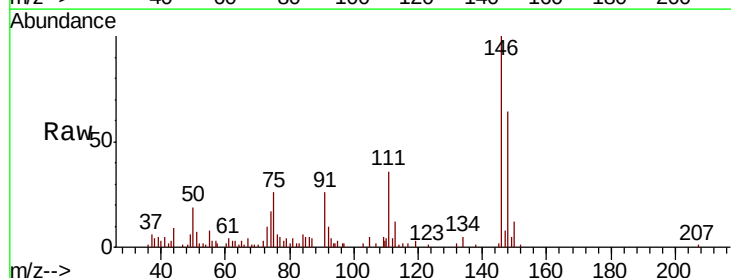
Tgt Ion:146 Resp: 6647

Ion Ratio Lower Upper

146 100

111 38.8 19.6 58.7

148 65.2 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

