

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102218\
 Data File : VW006251.D
 Acq On : 22 Oct 2018 15:09
 Operator : VA/AP
 Sample : J5610-04
 Misc : 4.68G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-2(6-8)

Quant Time: Oct 23 04:06:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

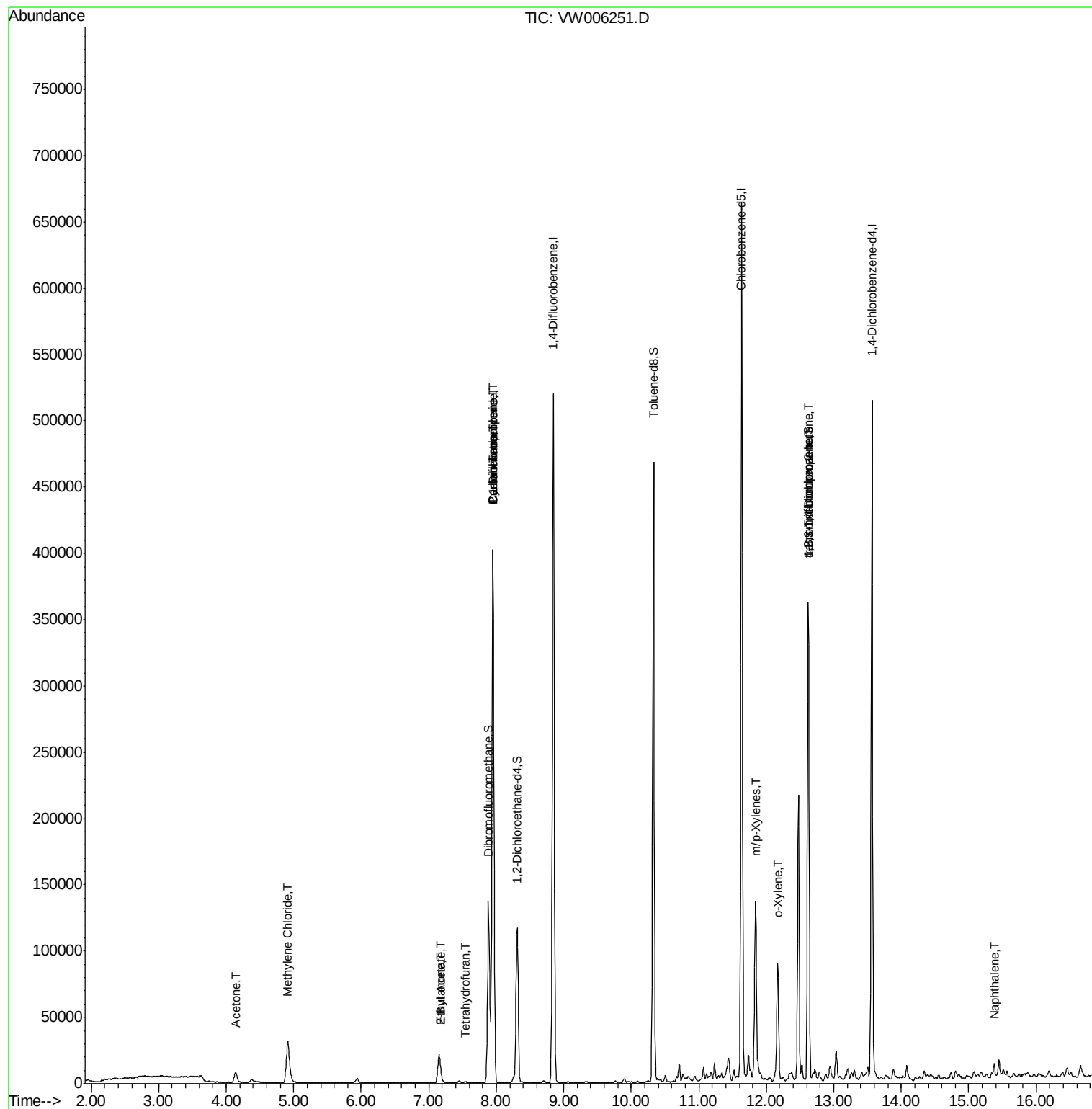
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	322104	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	464713	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	378760	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	147660	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	95652	35.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.64%	
35) Dibromofluoromethane	7.89	113	95195	34.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.34%	
50) Toluene-d8	10.33	98	313928	30.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	60.10%	
62) 4-Bromofluorobenzene	12.62	95	105274	26.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	53.66%	
Target Compounds						
					Qvalue	
16) Acetone	4.14	43	16214	18.665	ug/l	100
20) Methylene Chloride	4.91	84	26989	8.191	ug/l	95
25) 2-Butanone	7.18	43	3604	4.996	ug/l #	83
29) Tetrahydrofuran	7.54	42	555	1.252	ug/l #	71
31) Cyclohexane	7.95	56	5606	1.147	ug/l #	2
36) 1,1-Dichloropropene	7.95	75	20606	4.811	ug/l #	49
37) Ethyl Acetate	7.18	43	3604	2.265	ug/l #	67
38) Carbon Tetrachloride	7.95	117	28629	6.097	ug/l #	17
68) m/p-Xylenes	11.84	106	38323	6.900	ug/l	100
69) o-Xylene	12.17	106	23755	4.488	ug/l	97
76) 1,2,3-Trichloropropane	12.62	75	53975	47.857	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	53975	114.398	ug/l #	10
95) Naphthalene	15.38	128	9058	1.560	ug/l	96

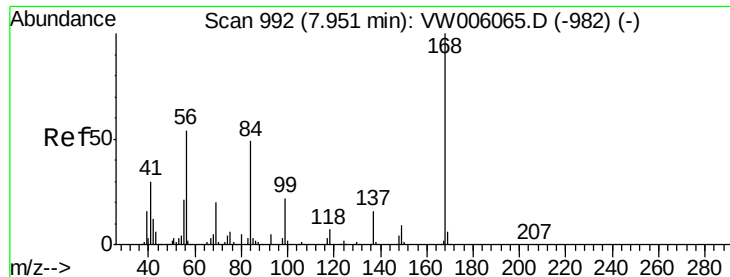
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW102218\
Data File : VW006251.D
Acq On : 22 Oct 2018 15:09
Operator : VA/AP
Sample : J5610-04
Misc : 4.68G/5ML/MSVOA W/SOIL
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Instrument :
MSVOA_W
ClientSampleId :
SB-2(6-8)

Quant Time: Oct 23 04:06:21 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006251.D

Acq: 22 Oct 2018 15:09

Instrument :

MSVOA_W

ClientSampleId :

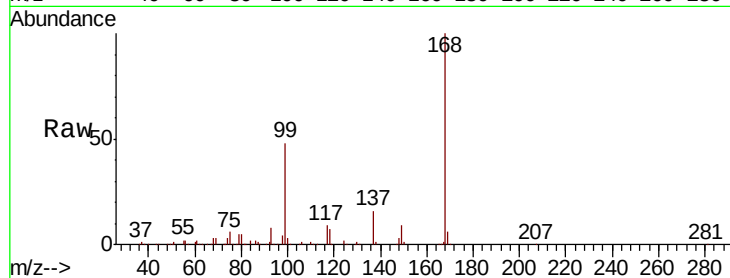
SB-2(6-8)

Tot Ion:168 Resp: 322104

Ion Ratio Lower Upper

168 100

99 48.0 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

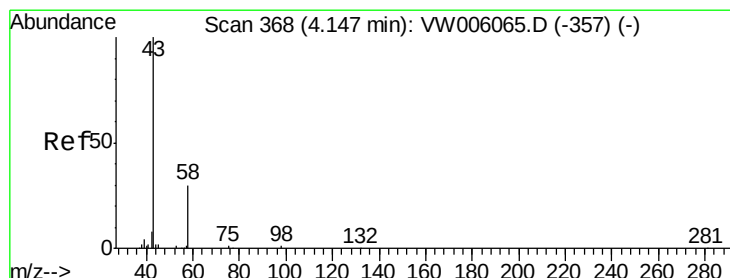
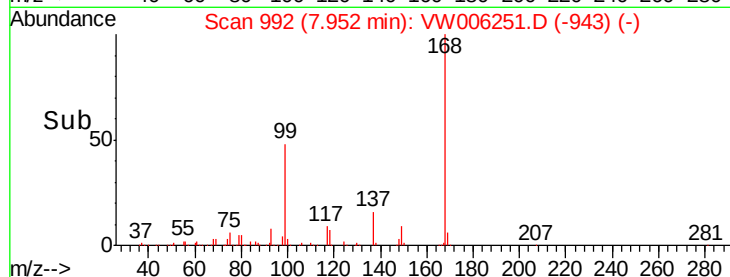
100000

50000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 18.665 ug/l

RT: 4.14 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW006251.D

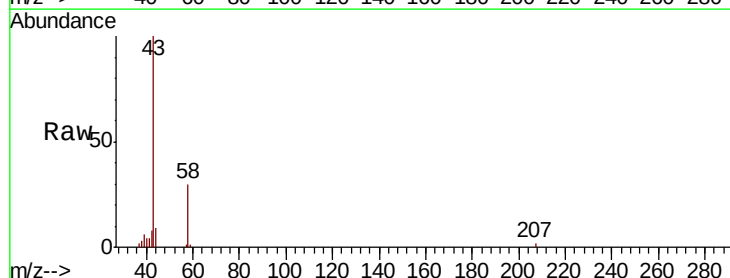
Acq: 22 Oct 2018 15:09

Tgt Ion: 43 Resp: 16214

Ion Ratio Lower Upper

43 100

58 29.8 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

6000

5000

4000

3000

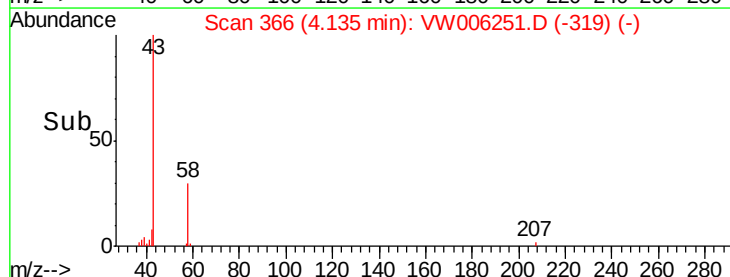
2000

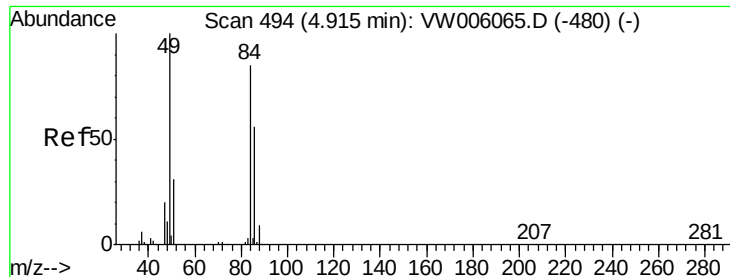
1000

0

4.00 4.10 4.20 4.30

Time-->

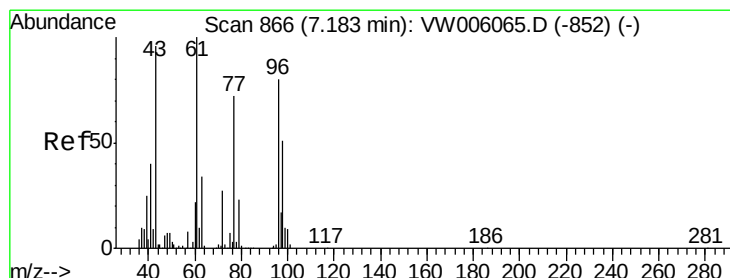
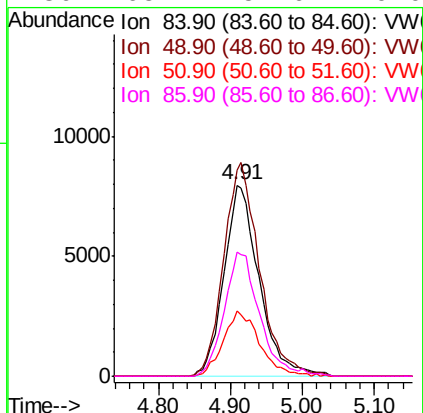
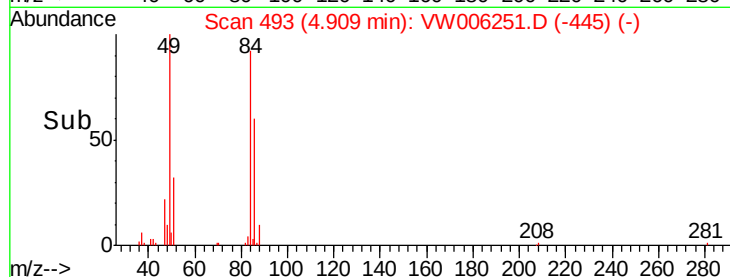
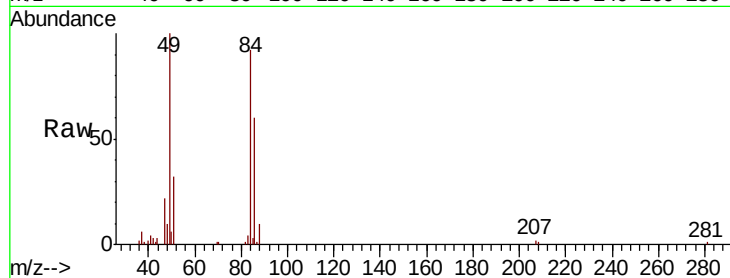




#20
Methylene Chloride
Concen: 8.191 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006251.D
Acq: 22 Oct 2018 15:09

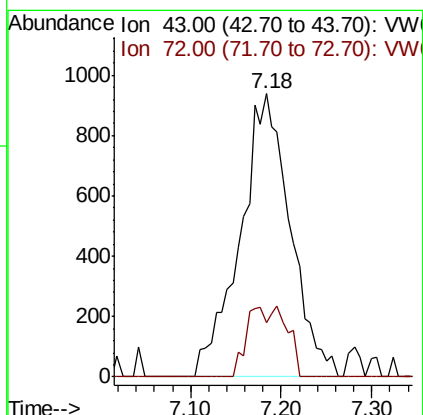
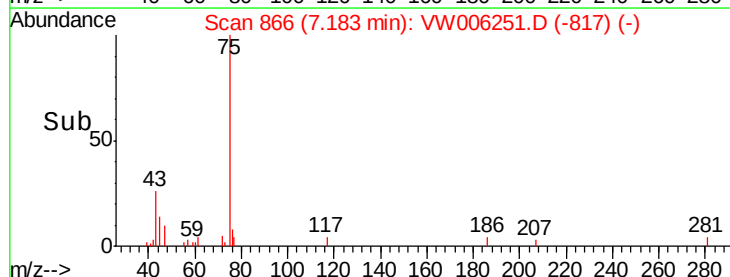
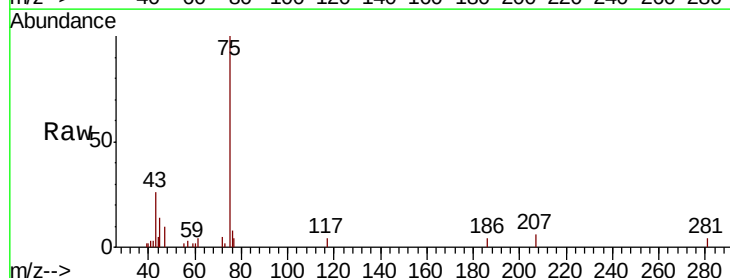
Instrument :
MSVOA_W
ClientSampleId :
SB-2(6-8)

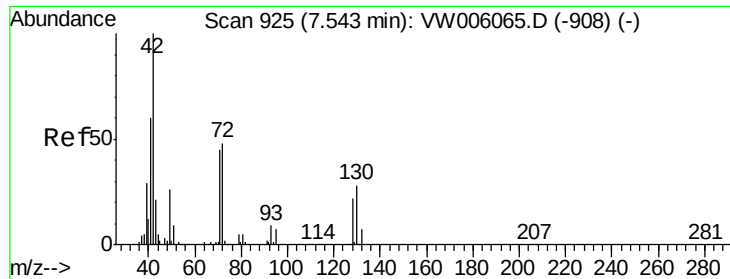
Tot Ion:	84	Resp:	26989
Ion	Ratio	Lower	Upper
84	100		
49	108.3	93.6	140.4
51	34.2	29.0	43.4
86	65.2	52.6	79.0



#25
2-Butanone
Concen: 4.996 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.00 min
Lab File: VW006251.D
Acq: 22 Oct 2018 15:09

Tgt Ion:	43	Resp:	3604
Ion	Ratio	Lower	Upper
43	100		
72	19.4	22.8	34.2#





#29

Tetrahydrofuran

Concen: 1.252 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.00 min

Lab File: VW006251.D

Acq: 22 Oct 2018 15:09

Instrument :

MSVOA_W

ClientSampleID :

SB-2(6-8)

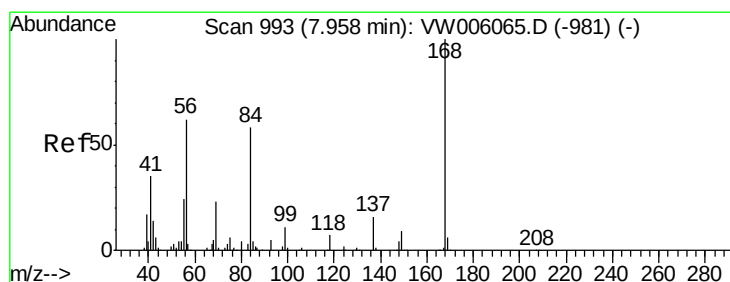
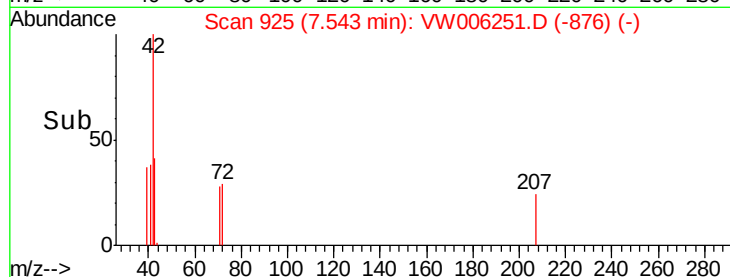
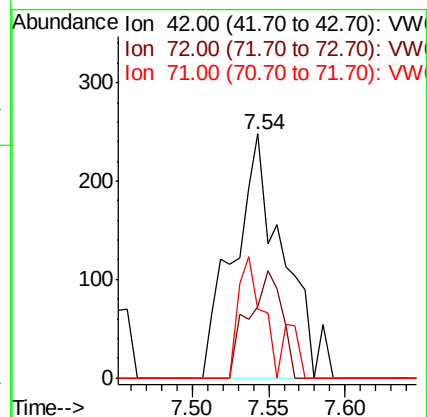
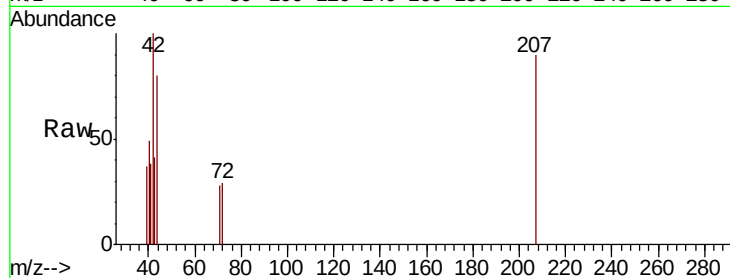
Tot Ion: 42 Resp: 555

Ion Ratio Lower Upper

42 100

72 29.5 38.0 57.0#

71 23.4 35.3 52.9#



#31

Cyclohexane

Concen: 1.147 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006251.D

Acq: 22 Oct 2018 15:09

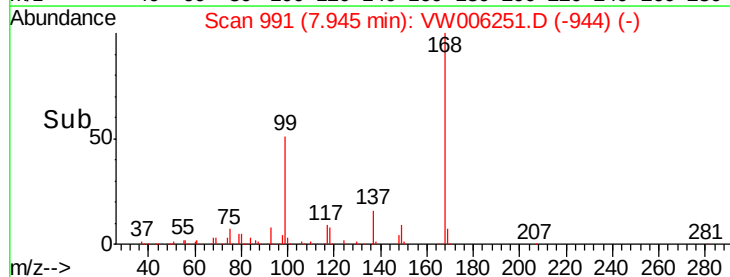
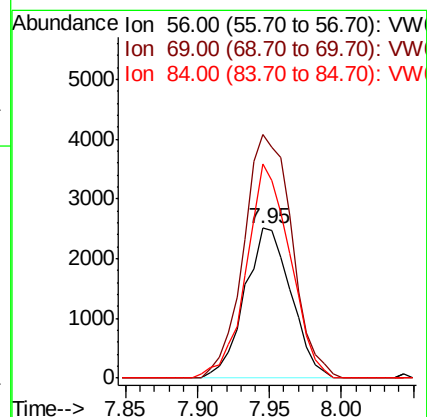
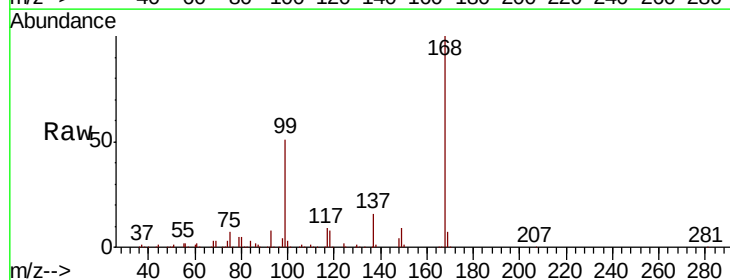
Tgt Ion: 56 Resp: 5606

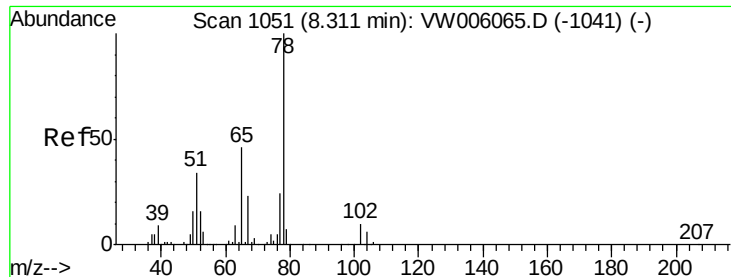
Ion Ratio Lower Upper

56 100

69 162.6 29.4 44.0#

84 142.9 74.0 111.0#

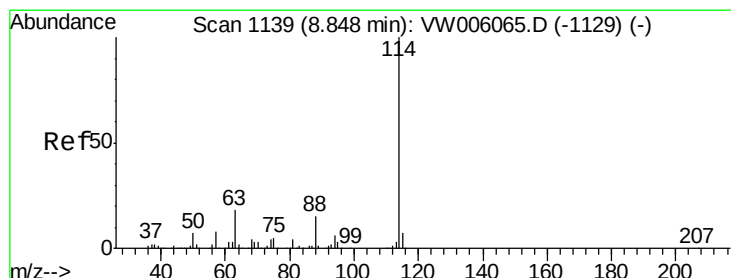
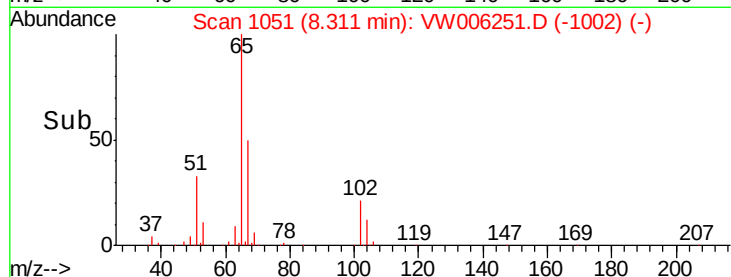
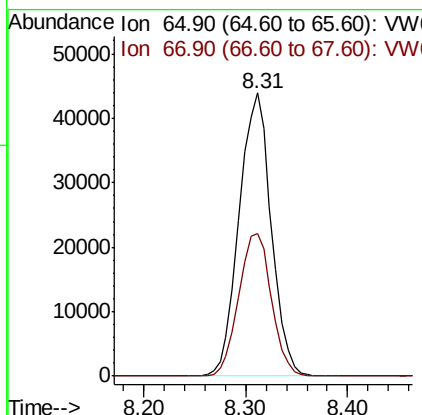
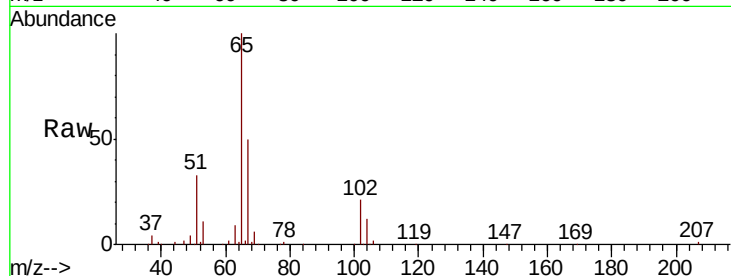




#33
 1,2-Dichloroethane-d4
 Concen: 35.819 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006251.D
 Acq: 22 Oct 2018 15:09

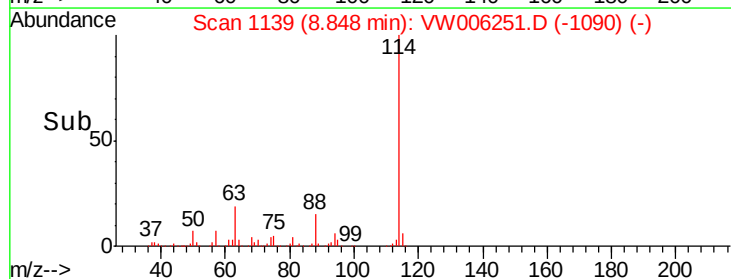
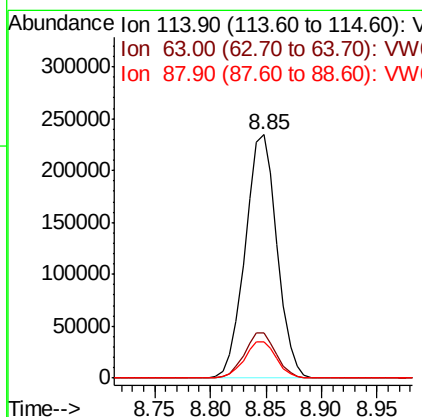
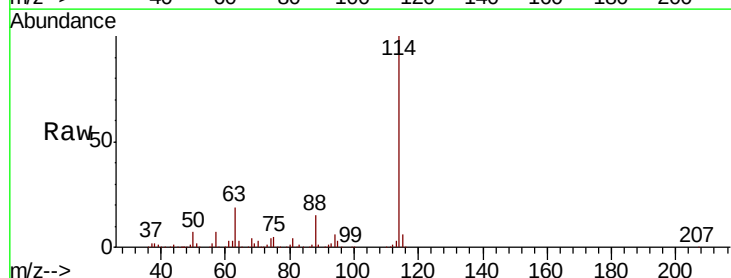
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-2(6-8)

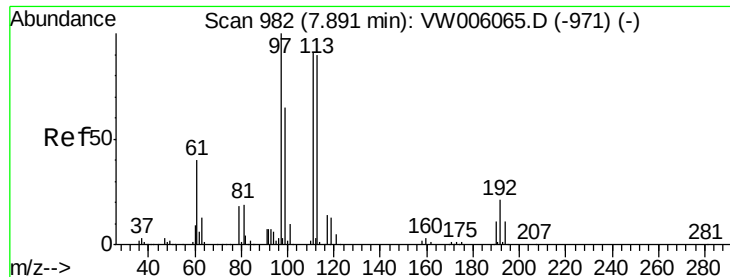
Tot Ion: 65 Resp: 95652
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006251.D
 Acq: 22 Oct 2018 15:09

Tgt Ion: 114 Resp: 464713
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 36.8
 88 14.9 0.0 29.0

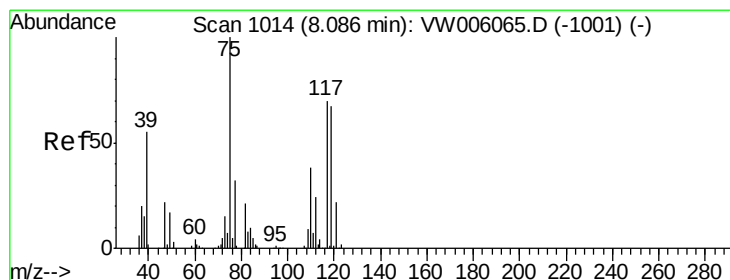
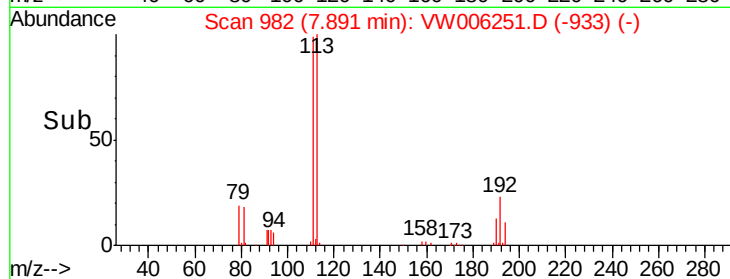
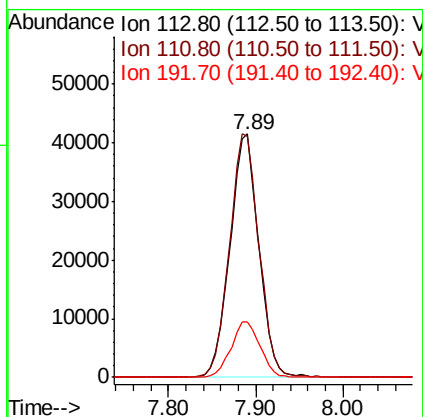
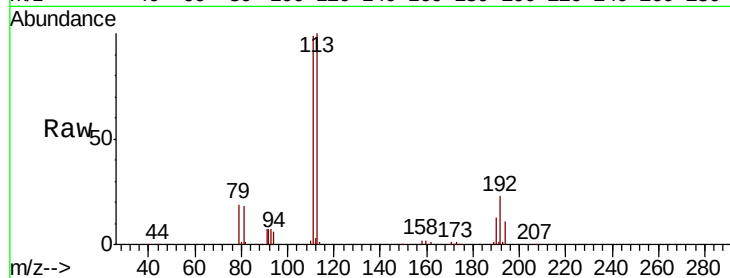




#35
 Dibromofluoromethane
 Concen: 34.667 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006251.D
 Acq: 22 Oct 2018 15:09

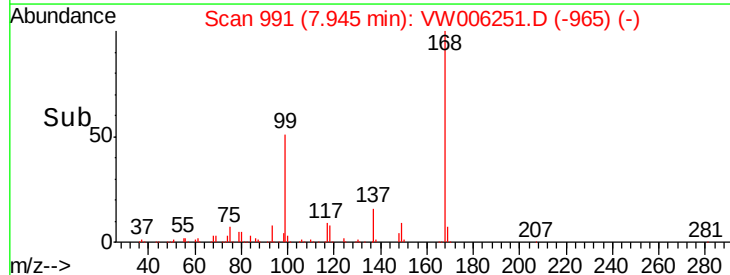
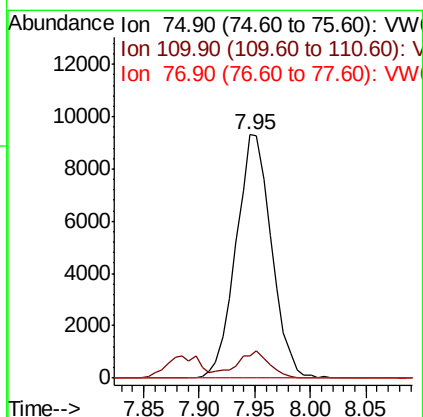
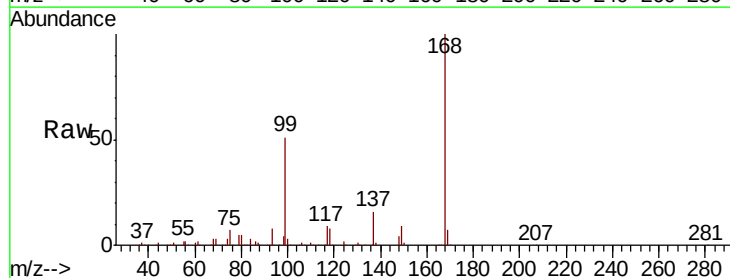
Instrument :
 MSVOA_W
 ClientSampled :
 SB-2(6-8)

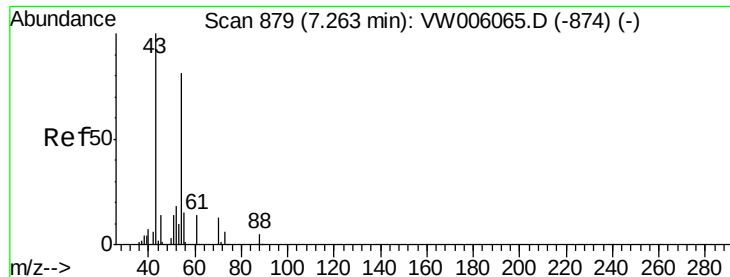
Tot Ion:113 Resp: 95195
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.4 122.0
 192 23.1 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 4.811 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006251.D
 Acq: 22 Oct 2018 15:09

Tgt Ion: 75 Resp: 20606
 Ion Ratio Lower Upper
 75 100
 110 9.9 19.1 57.1#
 77 0.0 25.0 37.4#





#37

Ethyl Acetate

Concen: 2.265 ug/l

RT: 7.18 min Scan# 866

Delta R.T. -0.08 min

Lab File: VW006251.D

Acq: 22 Oct 2018 15:09

Instrument :

MSVOA_W

ClientSampleId :

SB-2(6-8)

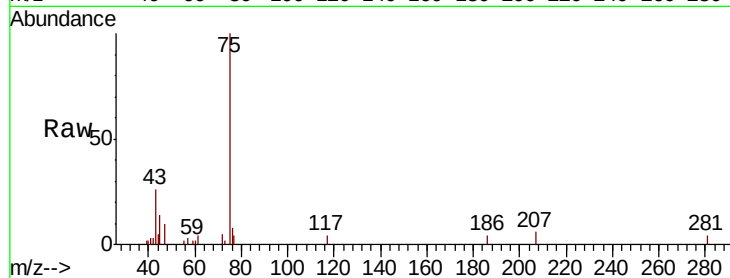
Tot Ion: 43 Resp: 3604

Ion Ratio Lower Upper

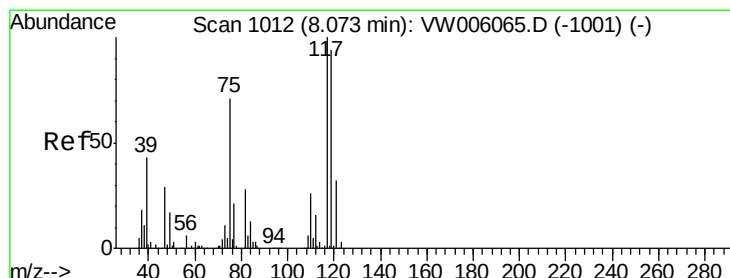
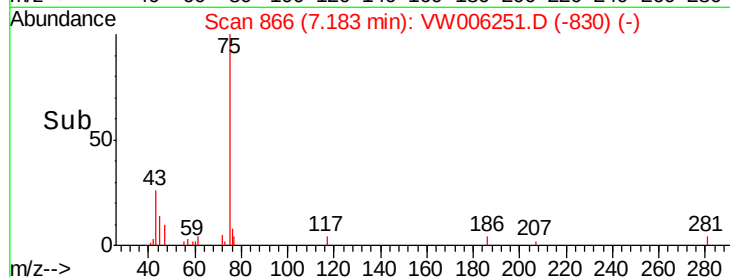
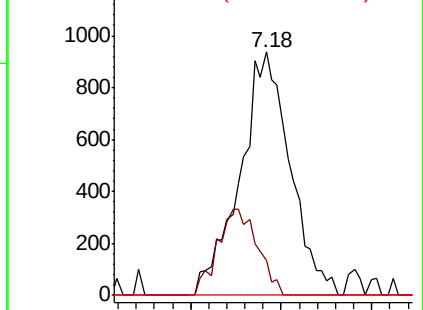
43 100

61 0.0 11.5 17.3#

70 0.0 9.2 13.8#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 70.00 (69.70 to 70.70): VW



#38

Carbon Tetrachloride

Concen: 6.097 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW006251.D

Acq: 22 Oct 2018 15:09

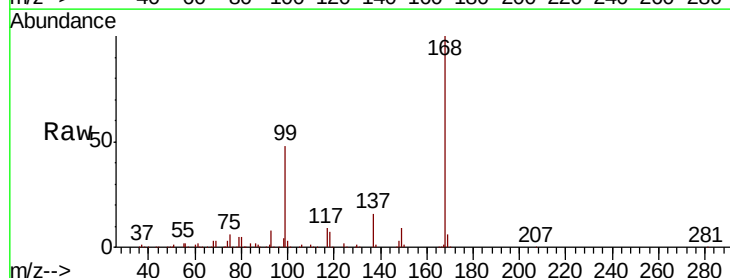
Tgt Ion: 117 Resp: 28629

Ion Ratio Lower Upper

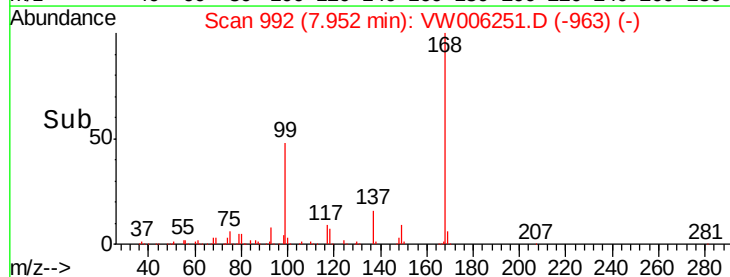
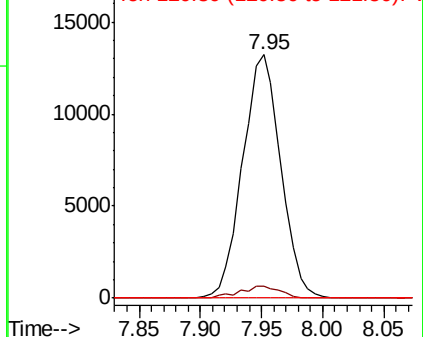
117 100

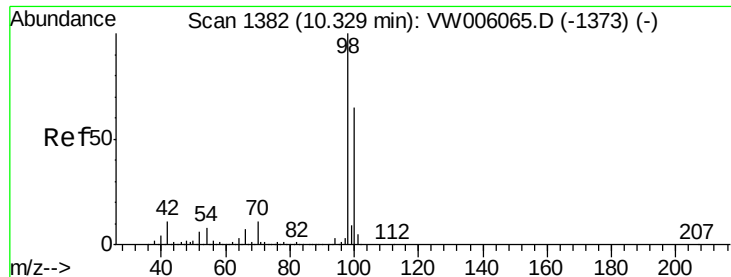
119 5.1 75.2 112.8#

121 0.0 25.3 37.9#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 30.049 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006251.D

Acq: 22 Oct 2018 15:09

Instrument :

MSVOA_W

ClientSampleId :

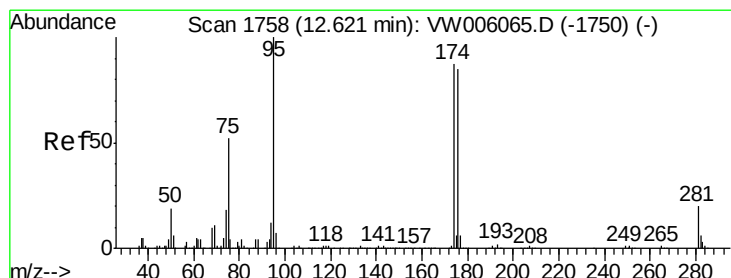
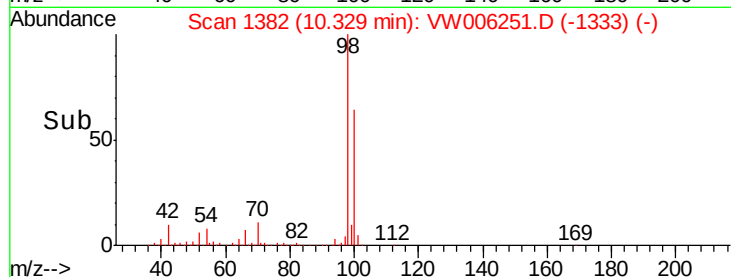
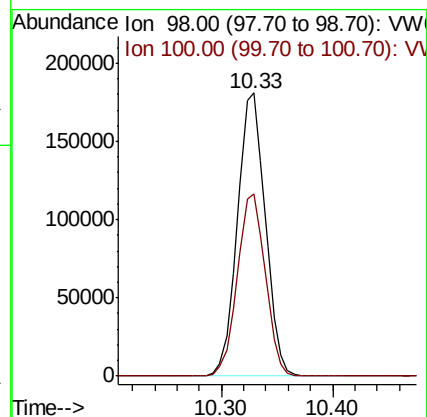
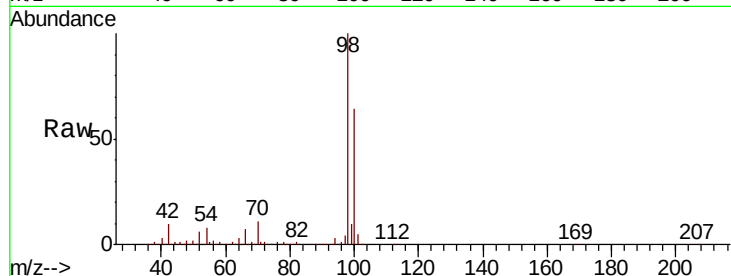
SB-2(6-8)

Tot Ion: 98 Resp: 313928

Ion Ratio Lower Upper

98 100

100 64.5 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 26.830 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006251.D

Acq: 22 Oct 2018 15:09

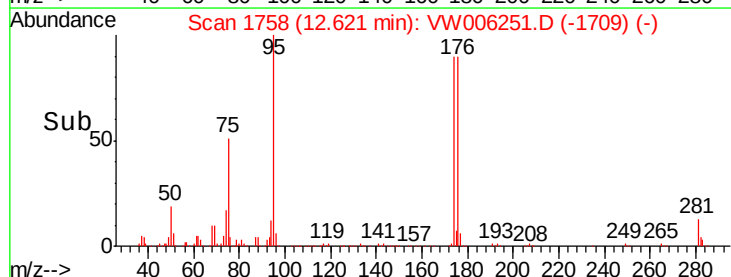
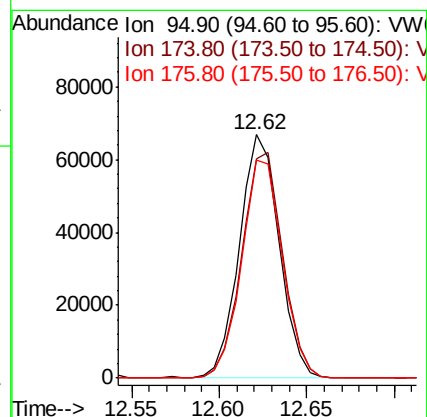
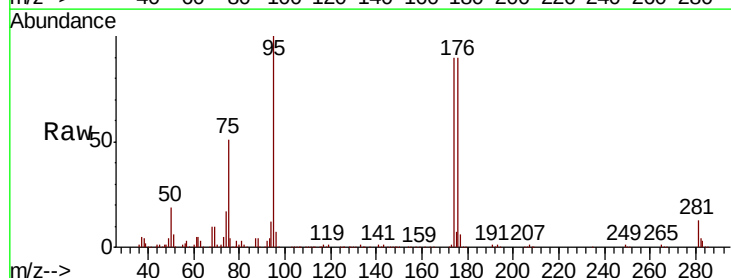
Tgt Ion: 95 Resp: 105274

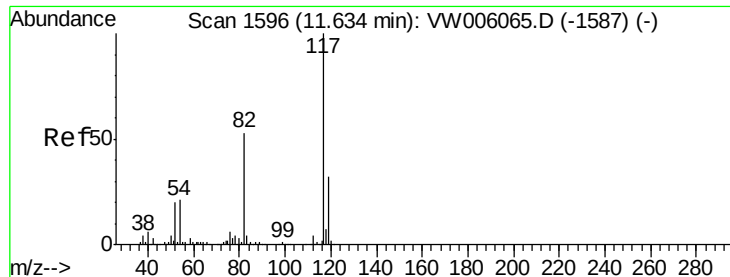
Ion Ratio Lower Upper

95 100

174 95.7 0.0 186.0

176 92.4 0.0 181.6

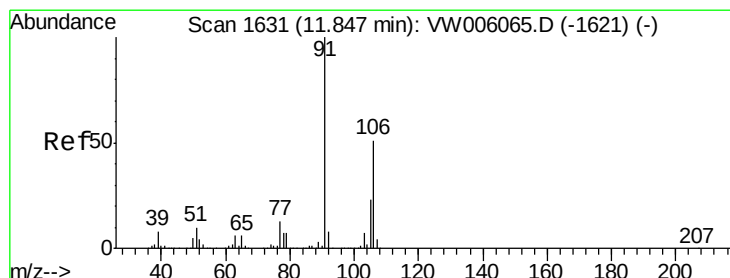
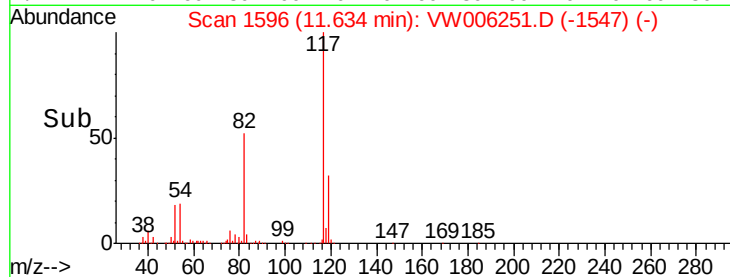
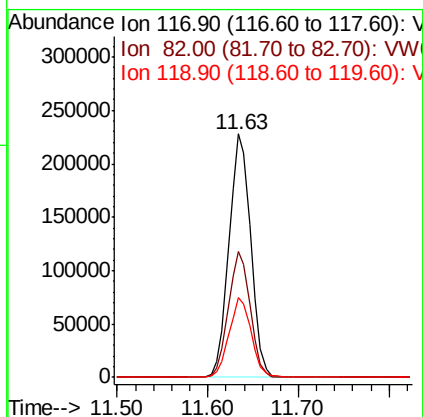
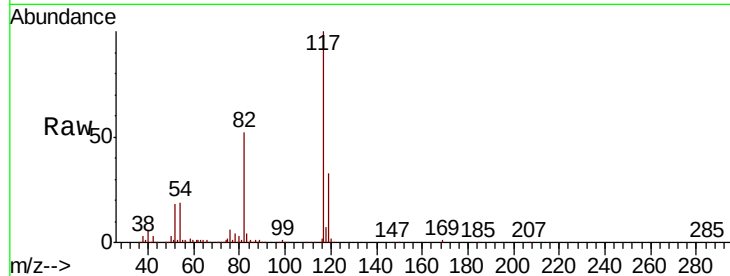




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006251.D
Acq: 22 Oct 2018 15:09

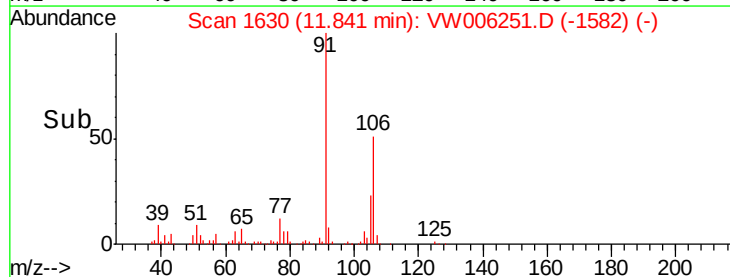
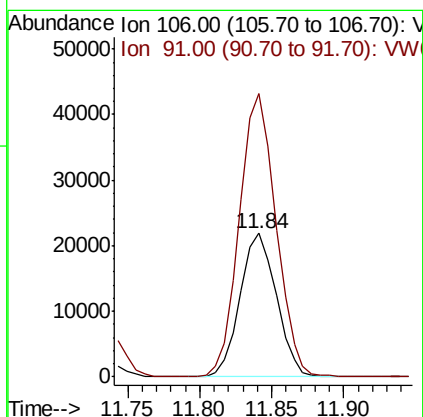
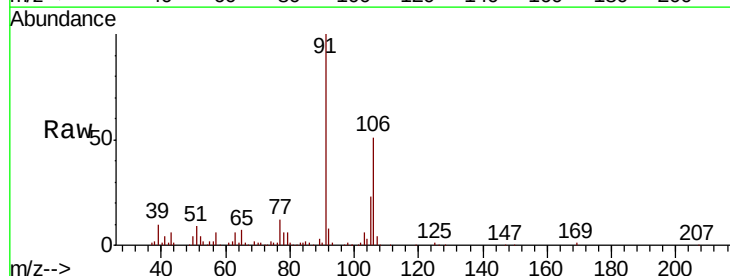
Instrument :
MSVOA_W
ClientSampleId :
SB-2(6-8)

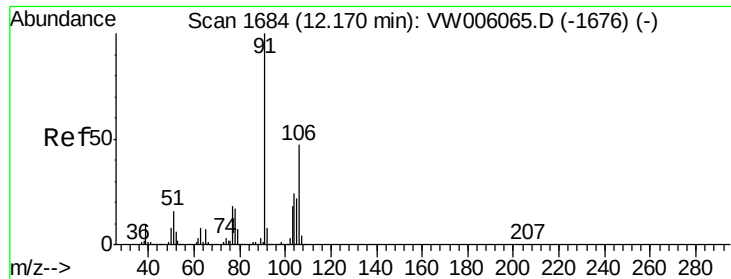
Tot Ion:117 Resp: 378760
Ion Ratio Lower Upper
117 100
82 51.7 42.1 63.1
119 32.4 25.8 38.6



#68
m/p-Xylenes
Concen: 6.900 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW006251.D
Acq: 22 Oct 2018 15:09

Tgt Ion:106 Resp: 38323
Ion Ratio Lower Upper
106 100
91 199.4 159.1 238.7

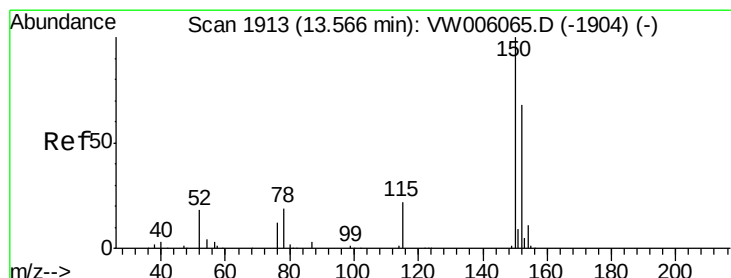
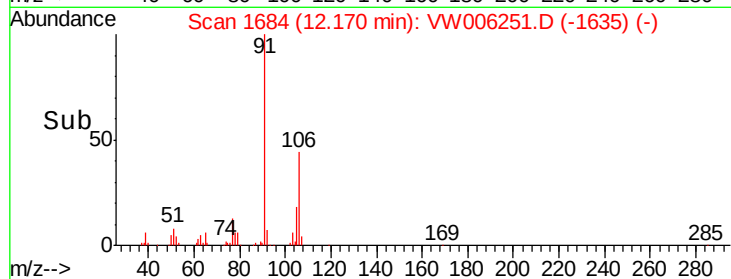
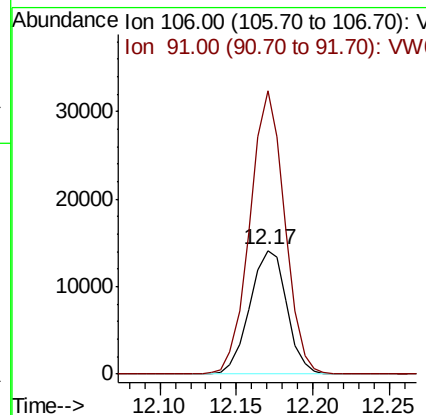
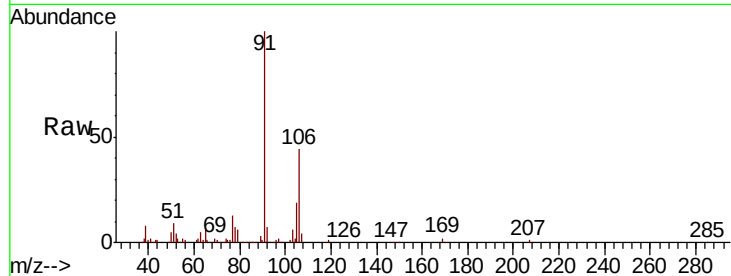




#69
 o-Xylene
 Concen: 4.488 ug/l
 RT: 12.17 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VW006251.D
 Acq: 22 Oct 2018 15:09

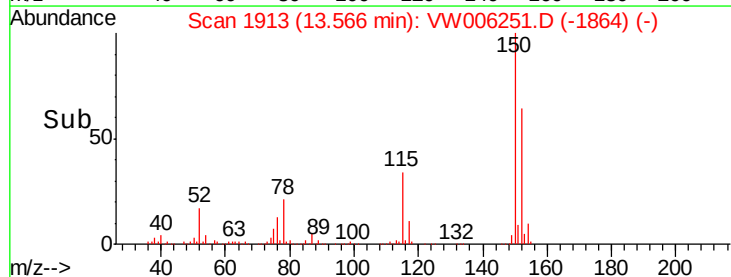
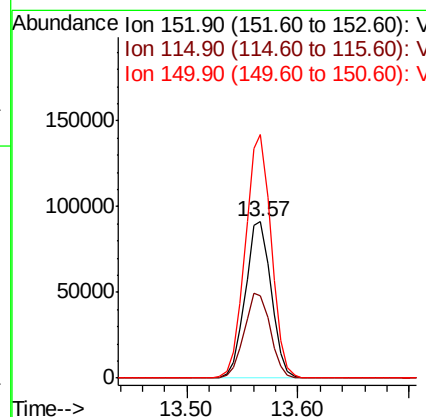
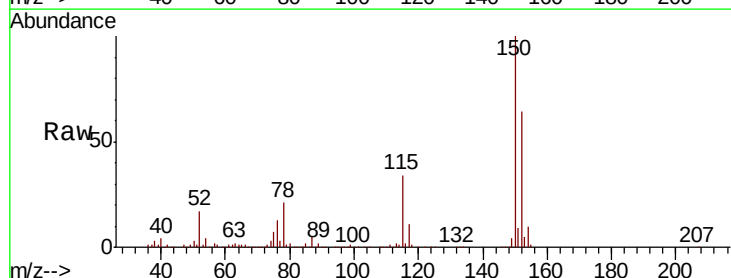
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-2(6-8)

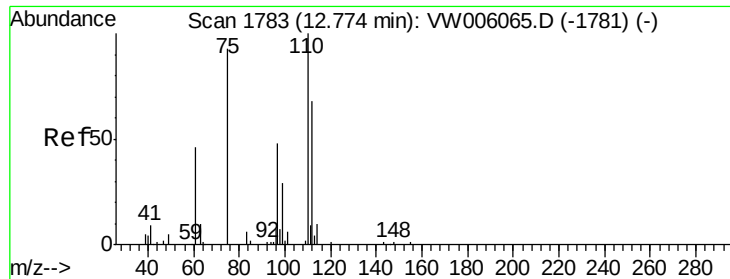
Tot Ion:106 Resp: 23755
 Ion Ratio Lower Upper
 106 100
 91 215.4 105.4 316.1



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. 0.00 min
 Lab File: VW006251.D
 Acq: 22 Oct 2018 15:09

Tgt Ion:152 Resp: 147660
 Ion Ratio Lower Upper
 152 100
 115 54.5 27.8 83.3
 150 154.4 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 47.857 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006251.D

Acq: 22 Oct 2018 15:09

Instrument :

MSVOA_W

ClientSampleId :

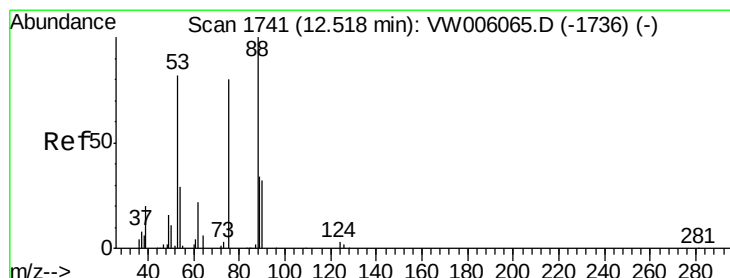
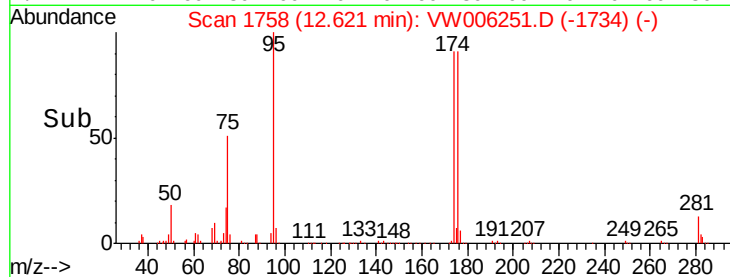
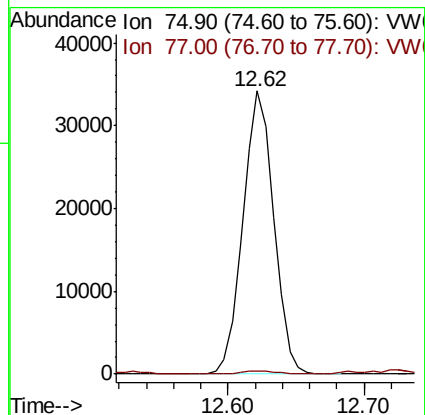
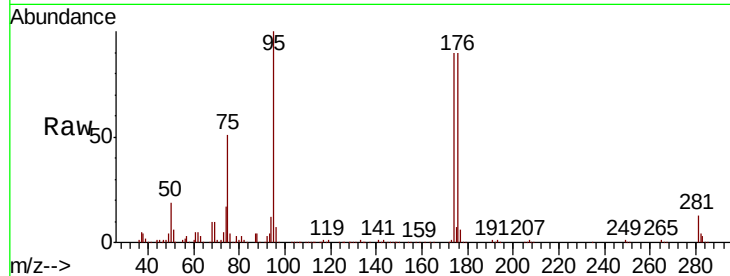
SB-2(6-8)

Tot Ion: 75 Resp: 53975

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 114.398 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006251.D

Acq: 22 Oct 2018 15:09

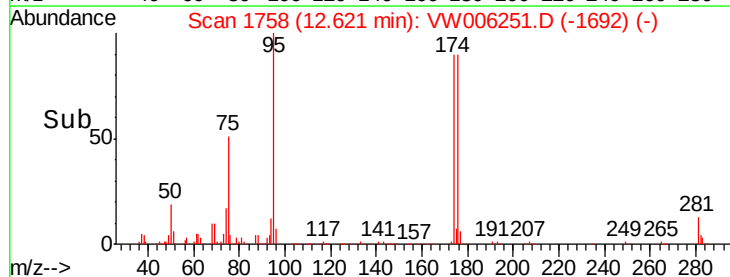
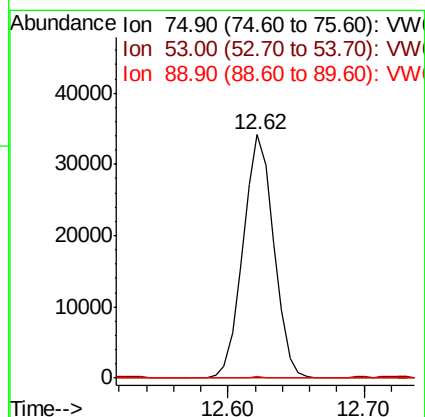
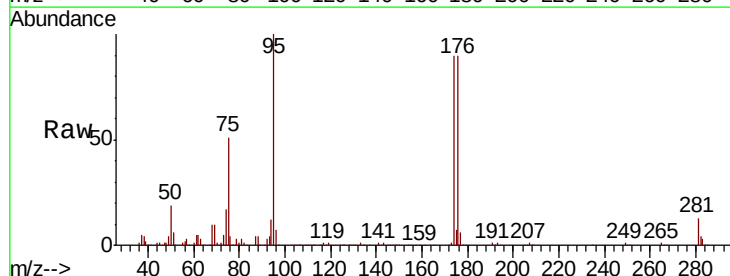
Tgt Ion: 75 Resp: 53975

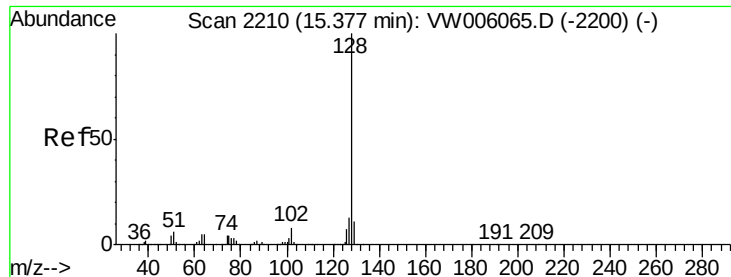
Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.1 37.5 56.3#





#95
Naphthalene
Concen: 1.560 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW006251.D
Acq: 22 Oct 2018 15:09

Instrument :
MSVOA_W
ClientSampleId :
SB-2(6-8)

Tot Ion	Ratio	Lower	Upper
128	100		
127	15.2	10.3	15.5
129	12.0	8.7	13.1

