

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121518\
 Data File : VW007462.D
 Acq On : 13 Dec 2018 02:14
 Operator : SY/AP
 Sample : J6340-04
 Misc : 4.69G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-03B

Quant Time: Dec 13 04:22:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	53281	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	94293	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	87888	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	41436	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	26911	45.53	ug/l	0.00
Spiked Amount			Recovery	=	91.06%	
35) Dibromofluoromethane	7.88	113	25536	44.74	ug/l	0.00
Spiked Amount			Recovery	=	89.48%	
50) Toluene-d8	10.32	98	85068	39.75	ug/l	0.00
Spiked Amount			Recovery	=	79.50%	
62) 4-Bromofluorobenzene	12.62	95	33418	42.47	ug/l	0.00
Spiked Amount			Recovery	=	84.94%	

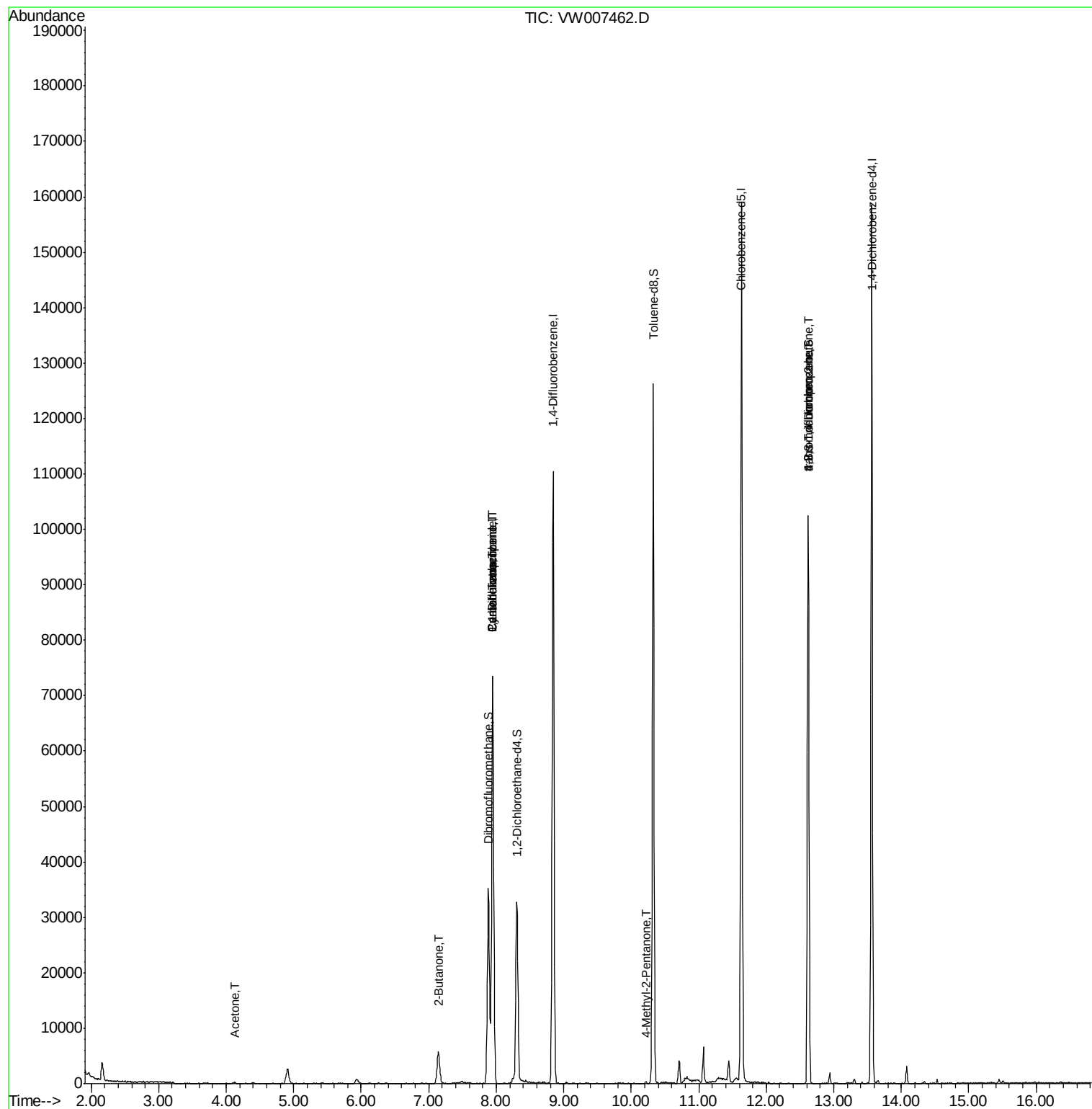
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	398	3.855	ug/l #	44
20) Methylene Chloride	4.90	84	2170	Below Cal	#	89
25) 2-Butanone	7.15	43	313	2.322	ug/l #	45
31) Cyclohexane	7.95	56	990	1.078	ug/l #	17
36) 1,1-Dichloropropene	7.95	75	4078	4.741	ug/l #	48
38) Carbon Tetrachloride	7.95	117	5746	6.139	ug/l #	17
51) 4-Methyl-2-Pentanone	10.23	43	320	1.072	ug/l #	34
76) 1,2,3-Trichloropropane	12.62	75	17089	50.019	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	17089	110.492	ug/l #	7

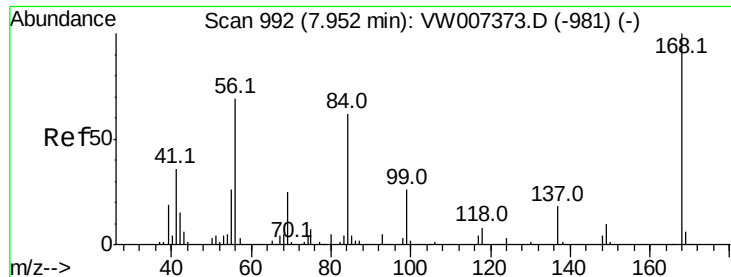
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121518\
Data File : VW007462.D
Acq On : 13 Dec 2018 02:14
Operator : SY/AP
Sample : J6340-04
Misc : 4.69G/5ML/MSVOA W/SOIL
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-03B

Quant Time: Dec 13 04:22:37 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
Quant Title : SW846 8260
QLast Update : Tue Dec 11 02:58:16 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007462.D

Acq: 13 Dec 2018 02:14

Instrument :

MSVOA_W

ClientSampleId :

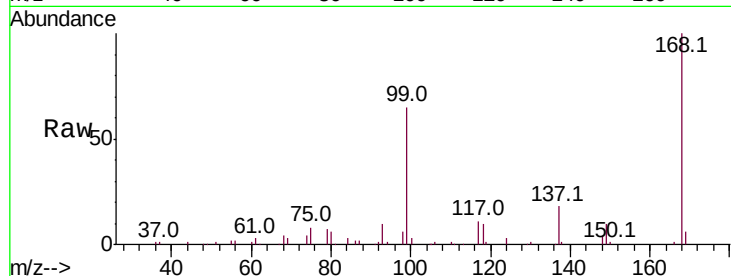
SB-03B

Tot Ion:168 Resp: 53281

Ion Ratio Lower Upper

168 100

99 64.8 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

25000

20000

15000

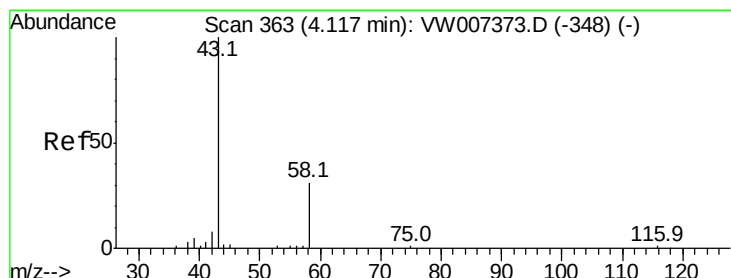
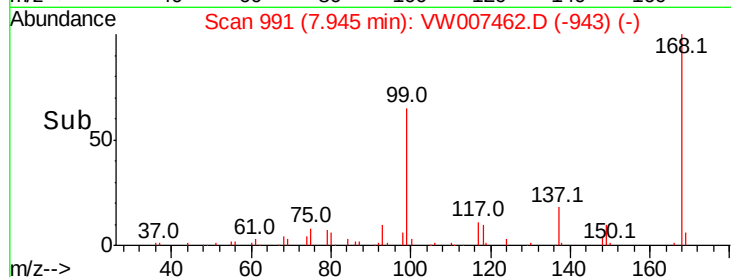
10000

5000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#16

Acetone

Concen: 3.855 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007462.D

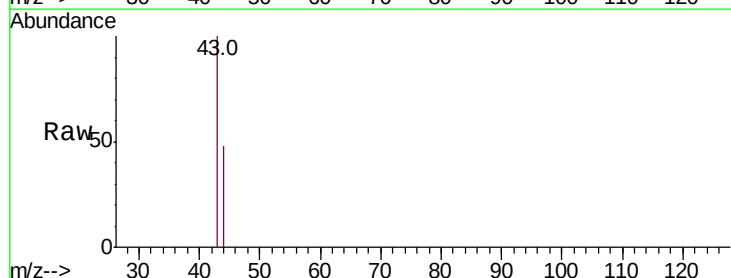
Acq: 13 Dec 2018 02:14

Tgt Ion: 43 Resp: 398

Ion Ratio Lower Upper

43 100

58 0.0 24.9 37.3#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

200

150

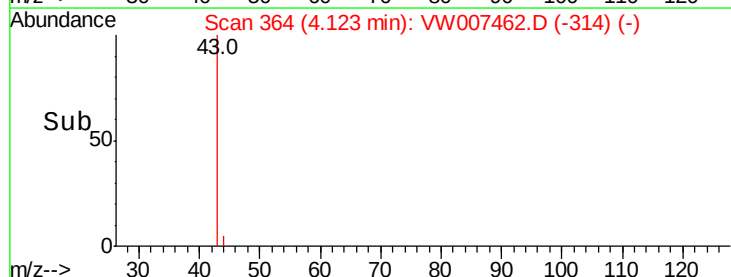
100

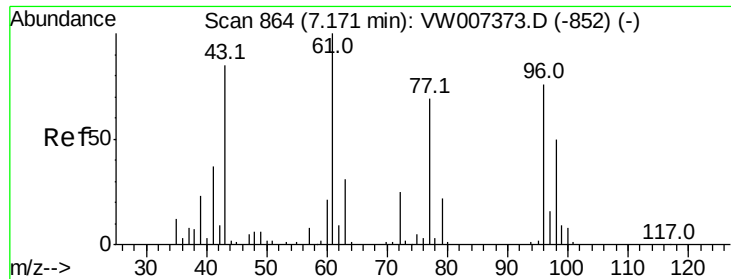
50

0

4.10 4.15

Time-->





#25

2-Butanone

Concen: 2.322 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW007462.D

Acq: 13 Dec 2018 02:14

Instrument :

MSVOA_W

ClientSampleId :

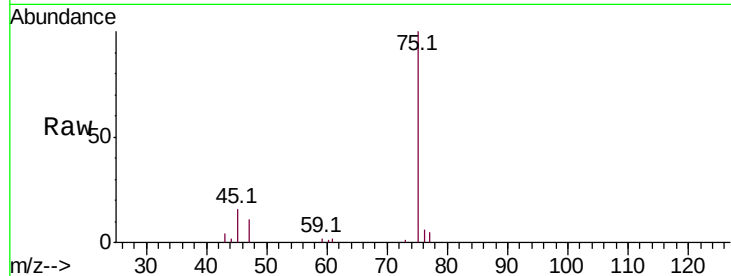
SB-03B

Tot Ion: 43 Resp: 313

Ion Ratio Lower Upper

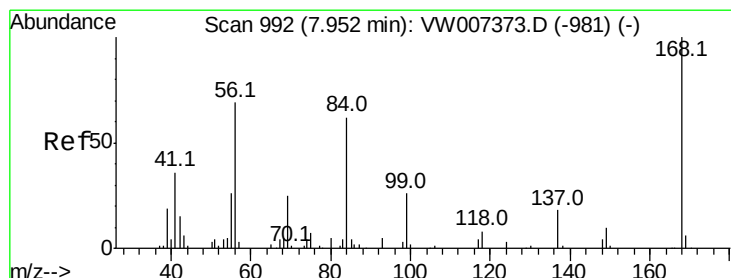
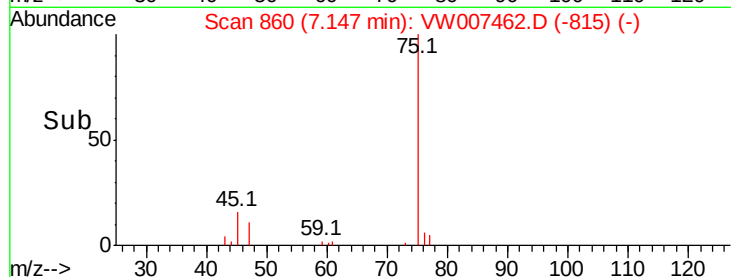
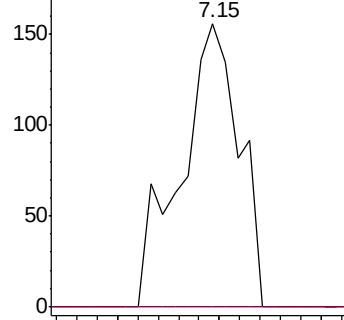
43 100

72 0.0 23.4 35.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#31

Cyclohexane

Concen: 1.078 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007462.D

Acq: 13 Dec 2018 02:14

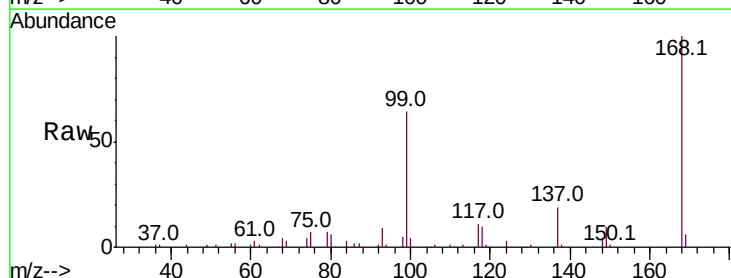
Tgt Ion: 56 Resp: 990

Ion Ratio Lower Upper

56 100

69 148.5 28.9 43.3#

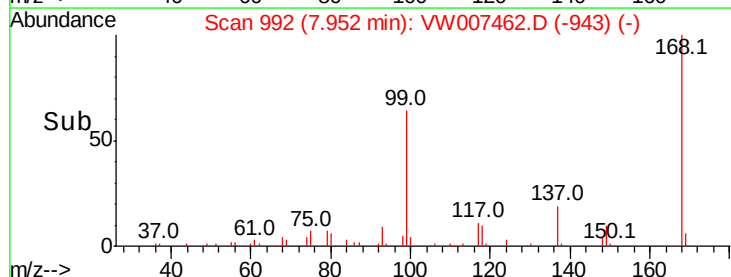
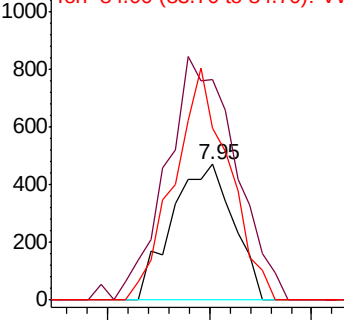
84 126.6 71.8 107.6#

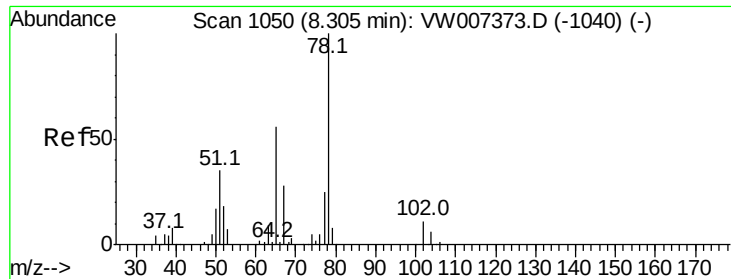


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

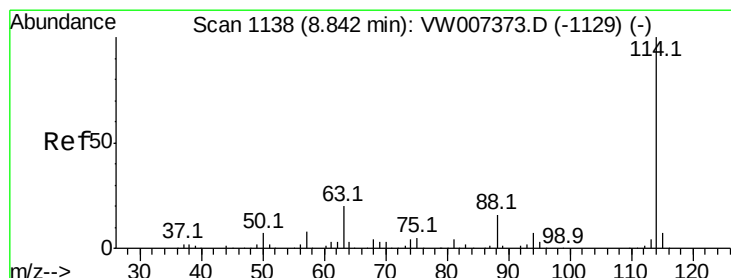
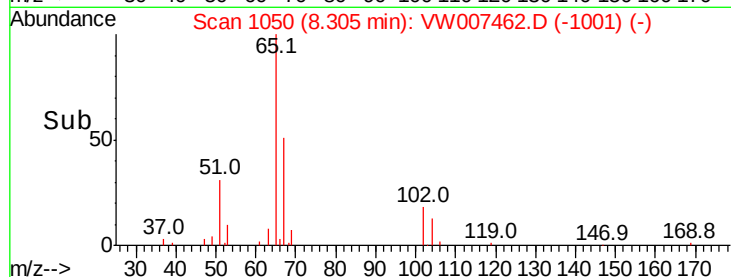
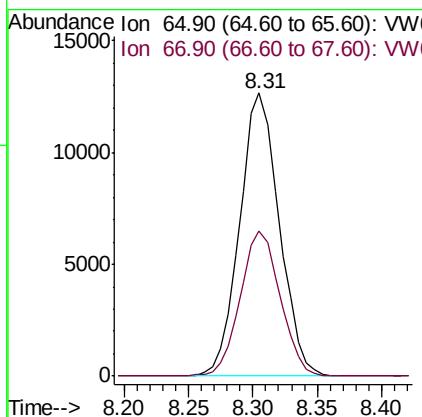
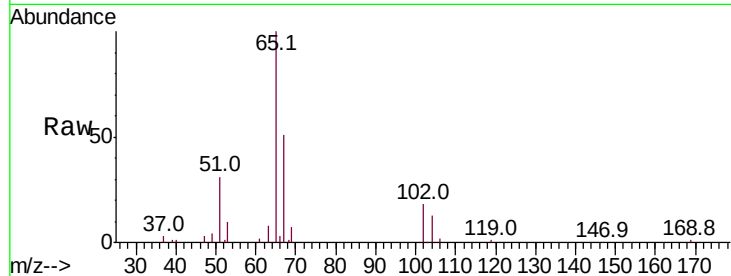




#33
 1,2-Dichloroethane-d4
 Concen: 45.526 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007462.D
 Acq: 13 Dec 2018 02:14

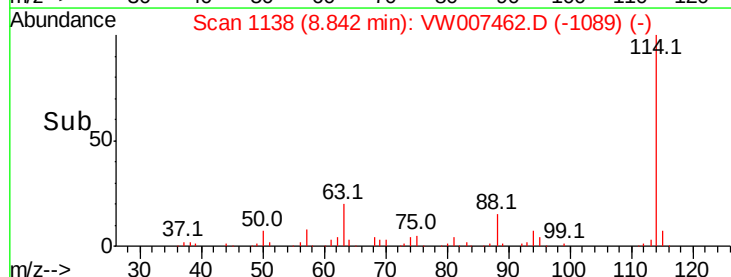
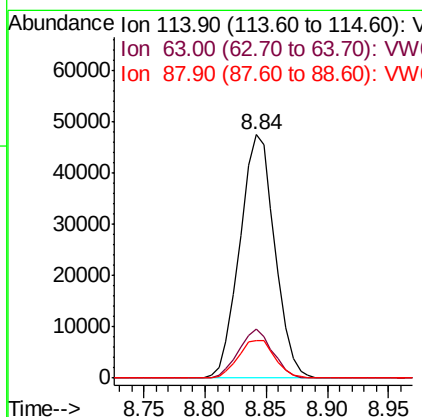
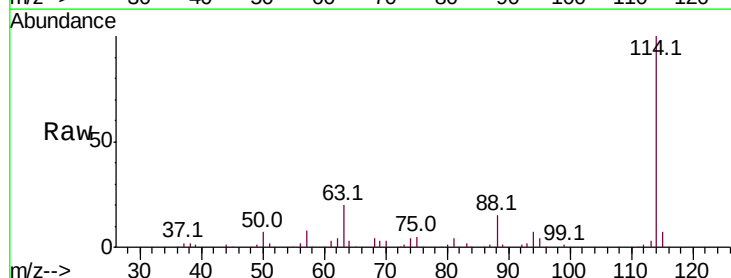
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-03B

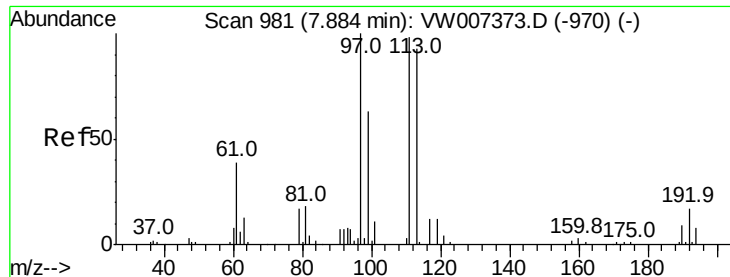
Tot Ion: 65 Resp: 26911
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 101.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007462.D
 Acq: 13 Dec 2018 02:14

Tgt Ion: 114 Resp: 94293
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.6
 88 15.3 0.0 31.4

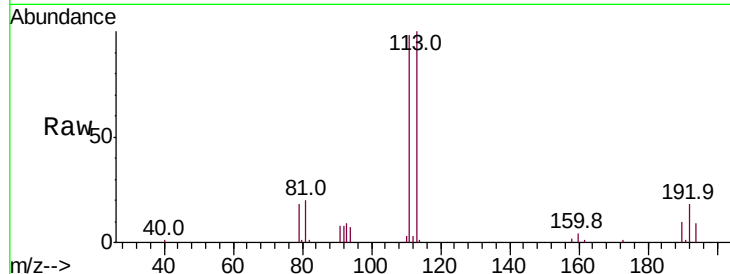




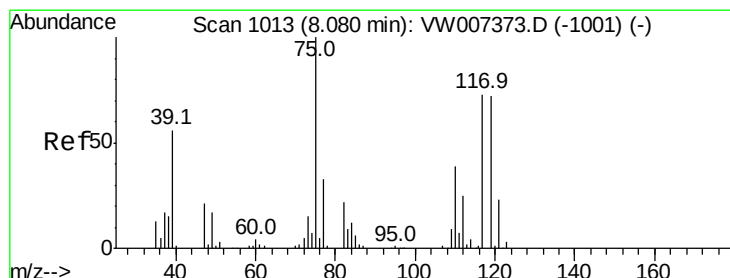
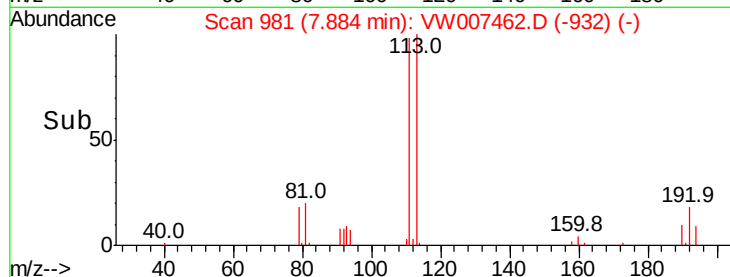
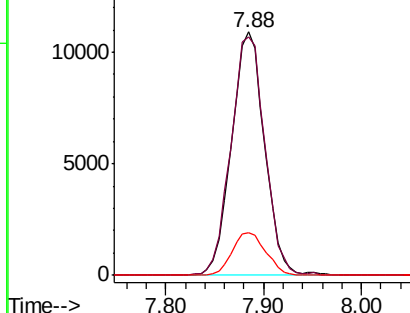
#35
 Dibromofluoromethane
 Concen: 44.738 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007462.D
 Acq: 13 Dec 2018 02:14

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-03B

Tot Ion:113 Resp: 25536
 Ion Ratio Lower Upper
 113 100
 111 101.1 81.1 121.7
 192 17.9 14.6 21.8

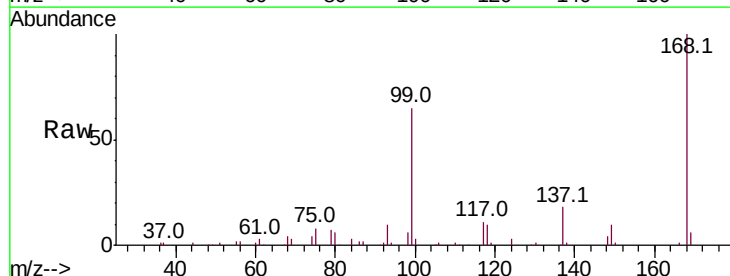


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

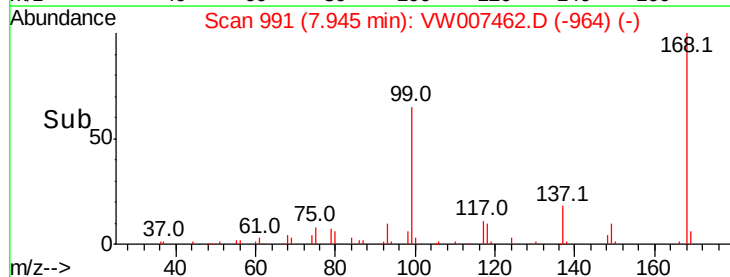
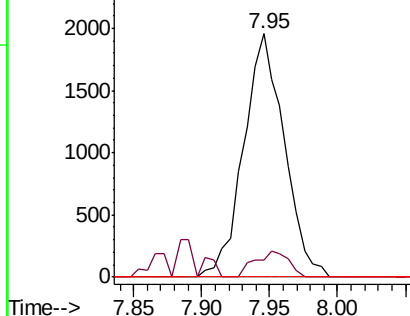


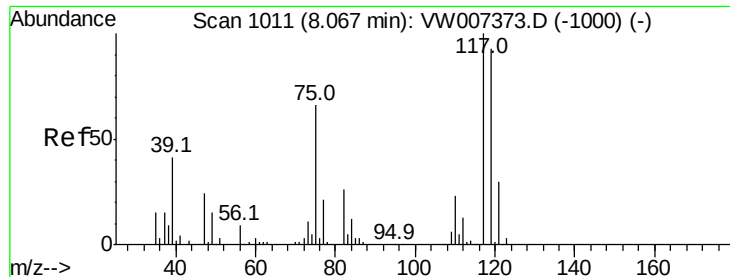
#36
 1,1-Dichloropropene
 Concen: 4.741 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007462.D
 Acq: 13 Dec 2018 02:14

Tgt Ion: 75 Resp: 4078
 Ion Ratio Lower Upper
 75 100
 110 9.0 18.5 55.5#
 77 0.0 25.6 38.4#



Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

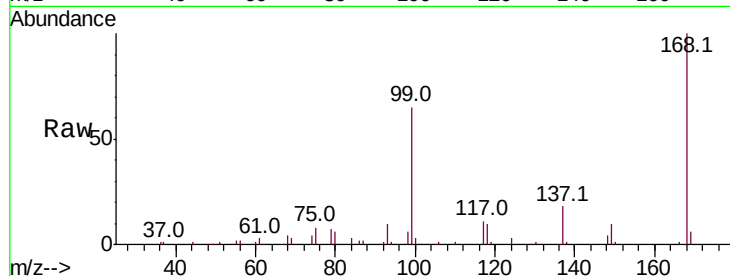




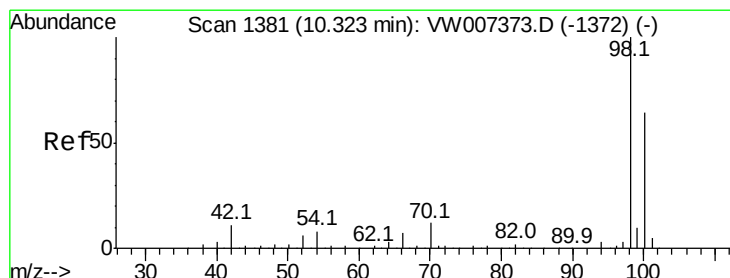
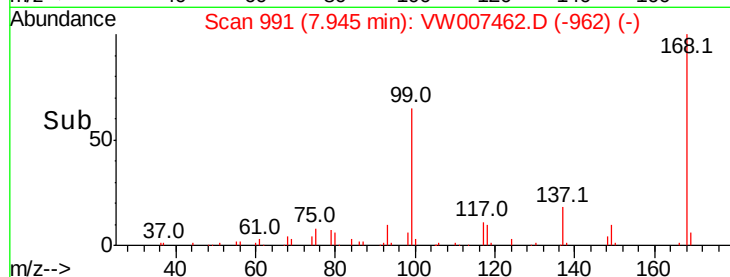
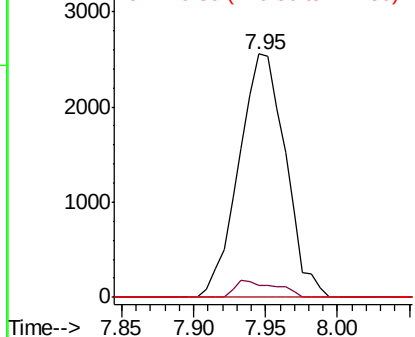
#38
Carbon Tetrachloride
Concen: 6.139 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW007462.D
Acq: 13 Dec 2018 02:14

Instrument :
MSVOA_W
ClientSampleId :
SB-03B

Tot Ion:117 Resp: 5746
Ion Ratio Lower Upper
117 100
119 5.0 74.3 111.5#
121 0.0 24.3 36.5#

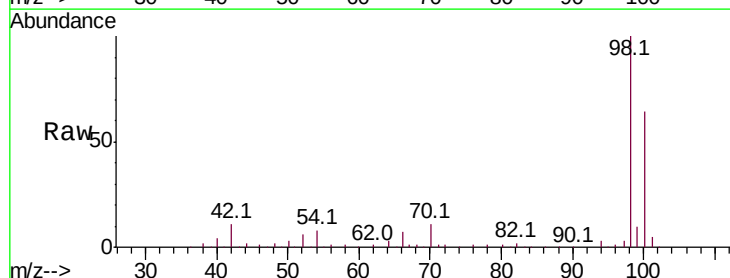


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

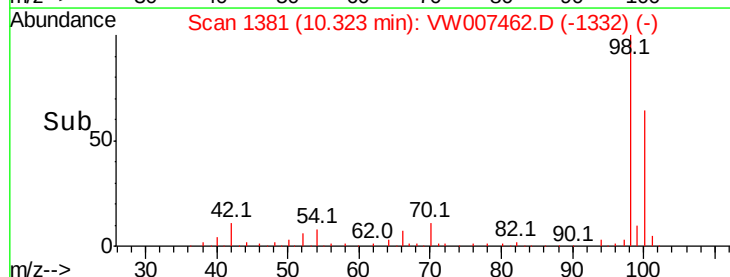
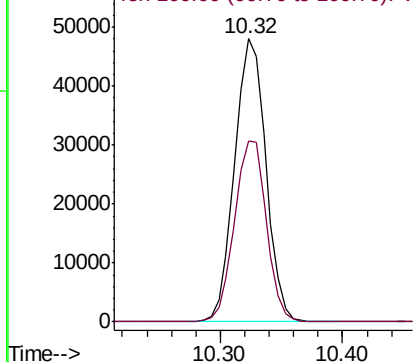


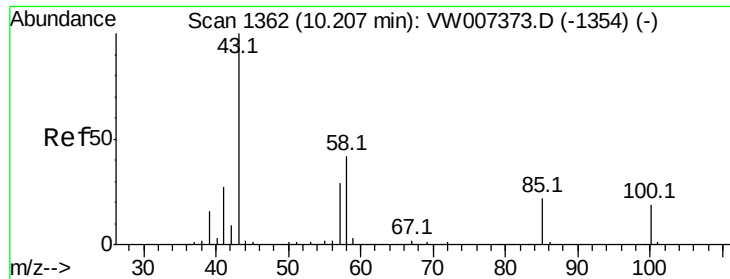
#50
Toluene-d8
Concen: 39.748 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007462.D
Acq: 13 Dec 2018 02:14

Tgt Ion: 98 Resp: 85068
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.8



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 1.072 ug/l

RT: 10.23 min Scan# 1365

Delta R.T. 0.02 min

Lab File: VW007462.D

Acq: 13 Dec 2018 02:14

Instrument :

MSVOA_W

ClientSampled :

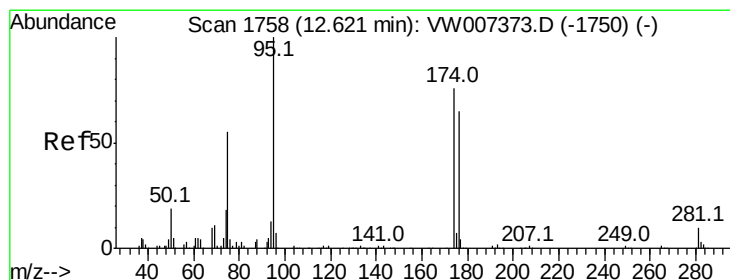
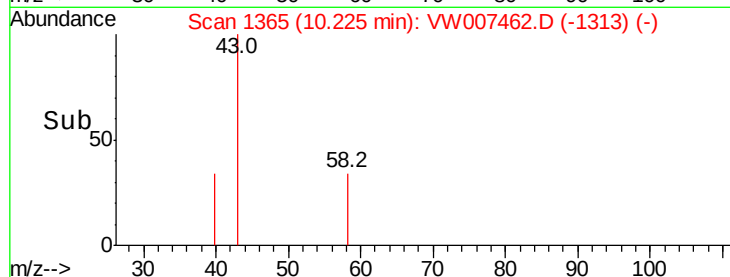
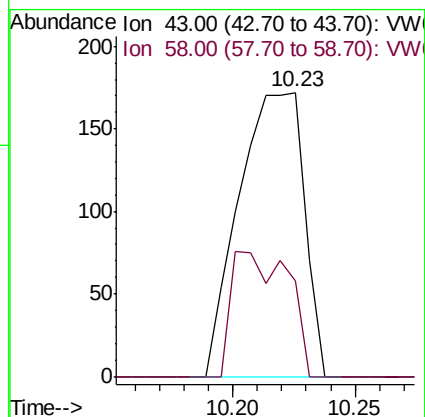
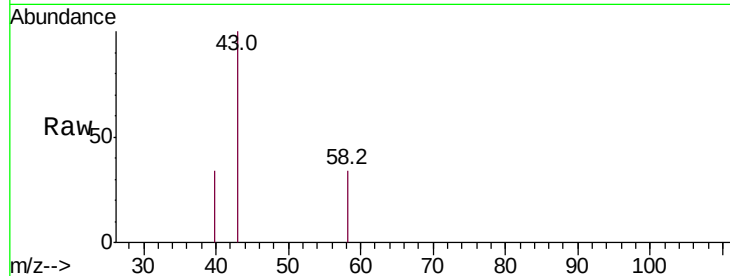
SB-03B

Tot Ion: 43 Resp: 320

Ion Ratio Lower Upper

43 100

58 0.0 33.1 49.7#



#62

4-Bromofluorobenzene

Concen: 42.469 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW007462.D

Acq: 13 Dec 2018 02:14

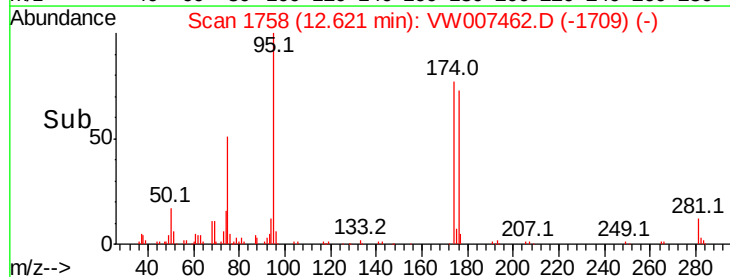
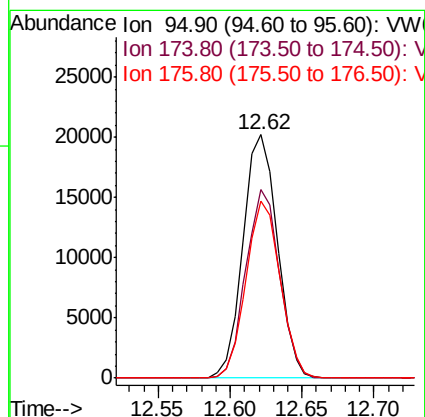
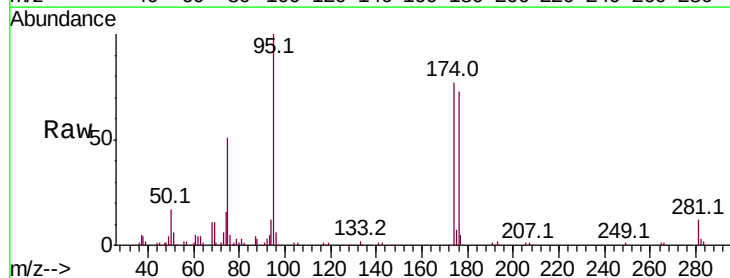
Tgt Ion: 95 Resp: 33418

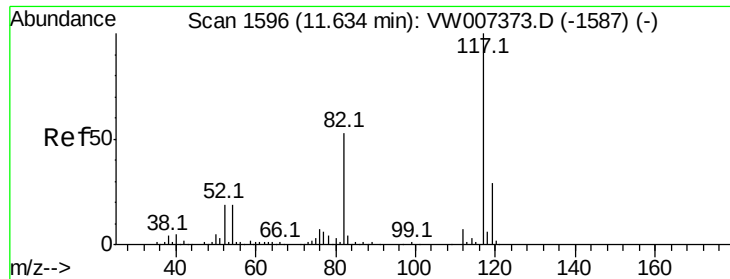
Ion Ratio Lower Upper

95 100

174 75.9 0.0 147.2

176 72.2 0.0 138.8

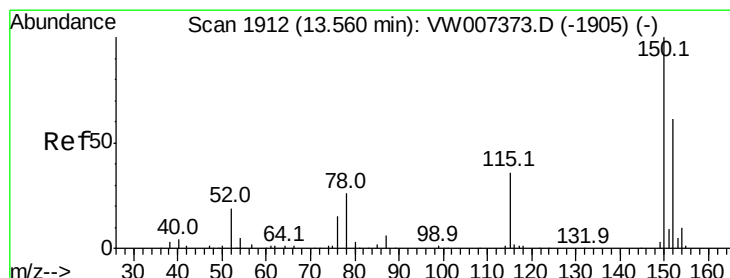
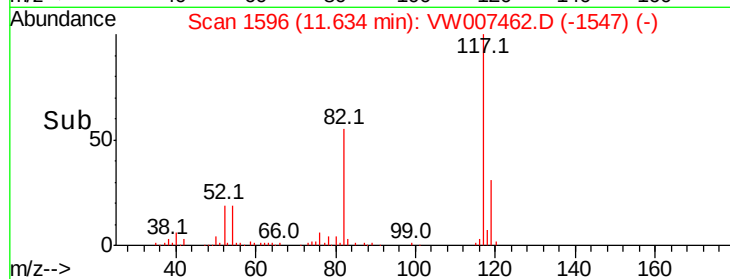
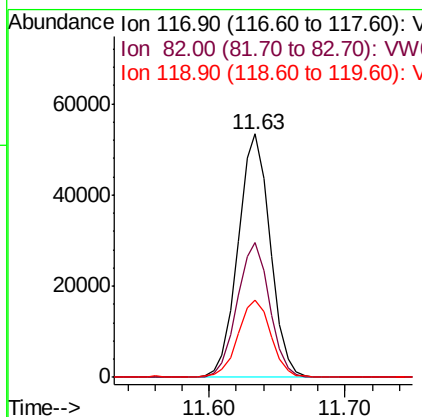
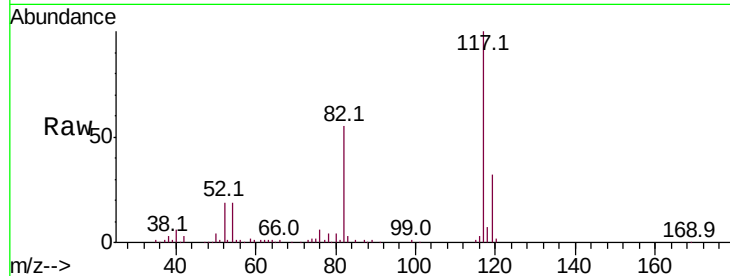




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007462.D
Acq: 13 Dec 2018 02:14

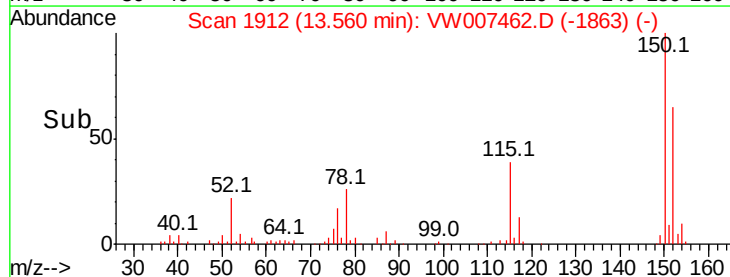
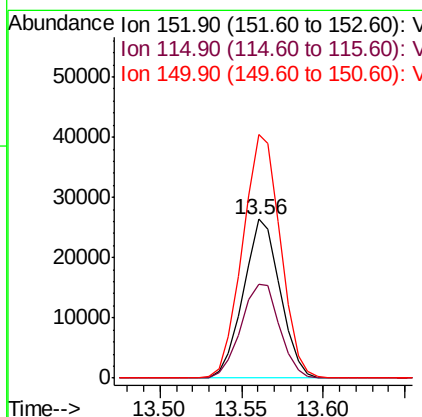
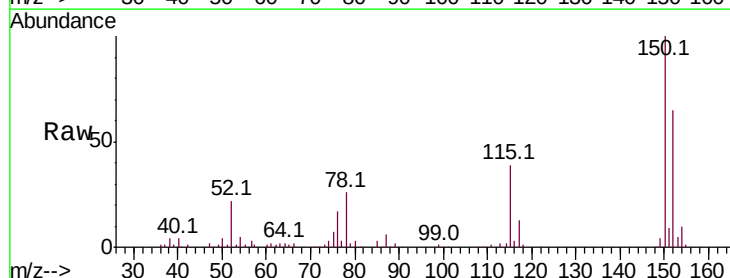
Instrument :
MSVOA_W
ClientSampled :
SB-03B

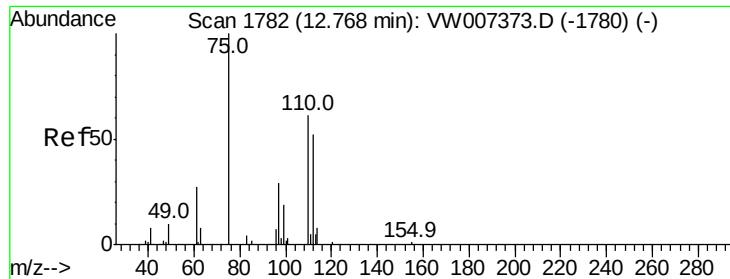
Tot Ion:117 Resp: 87888
Ion Ratio Lower Upper
117 100
82 55.4 42.3 63.5
119 31.7 23.0 34.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007462.D
Acq: 13 Dec 2018 02:14

Tgt Ion:152 Resp: 41436
Ion Ratio Lower Upper
152 100
115 61.9 31.4 94.2
150 157.7 0.0 358.4





#76

1,2,3-Trichloropropane

Concen: 50.019 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007462.D

Acq: 13 Dec 2018 02:14

Instrument :

MSVOA_W

ClientSampleId :

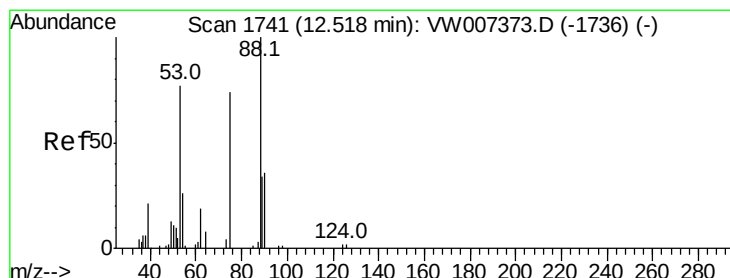
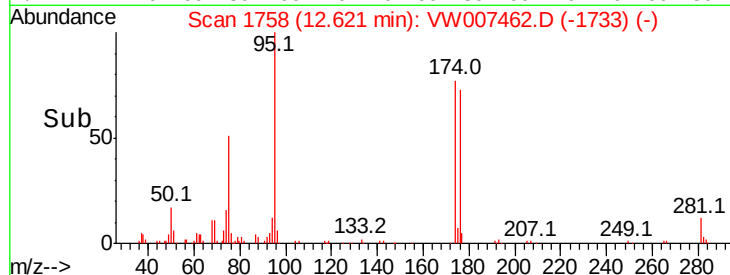
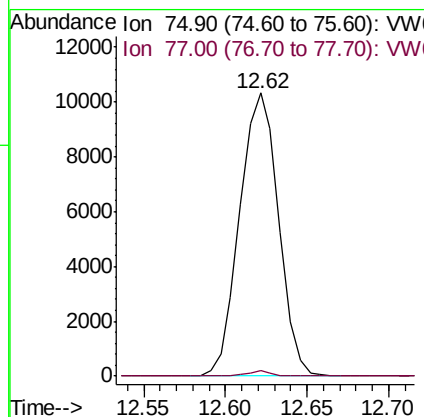
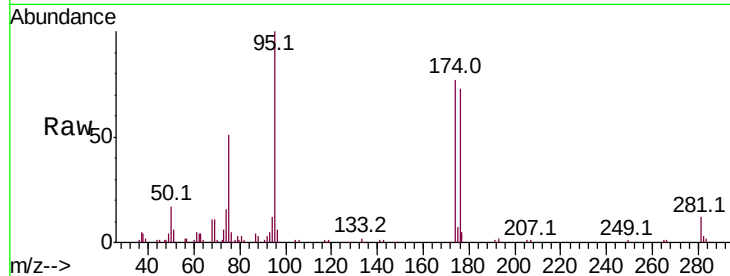
SB-03B

Tot Ion: 75 Resp: 17089

Ion Ratio Lower Upper

75 100

77 1.1 166.9 500.8#



#81

trans-1,4-Dichloro-2-butene

Concen: 110.492 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007462.D

Acq: 13 Dec 2018 02:14

Tgt Ion: 75 Resp: 17089

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#

