

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121518\
 Data File : VW007460.D
 Acq On : 13 Dec 2018 01:22
 Operator : SY/AP
 Sample : J6340-02
 Misc : 5.74G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-02B

Quant Time: Dec 13 04:22:07 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

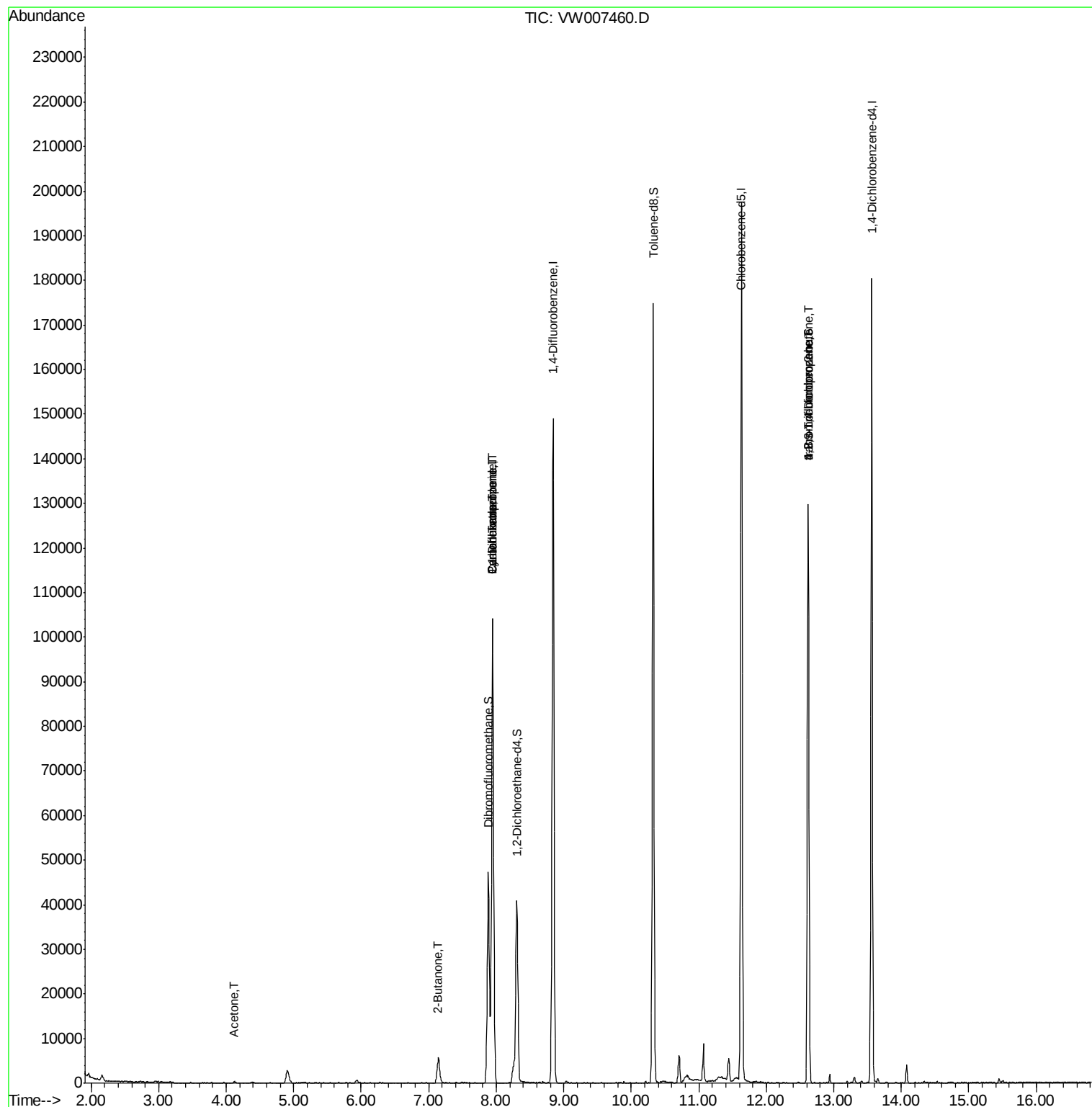
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	74034	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	129421	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	110077	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	47064	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	33813	41.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.34%	
35) Dibromofluoromethane	7.88	113	33833	43.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.38%	
50) Toluene-d8	10.32	98	115964	39.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.96%	
62) 4-Bromofluorobenzene	12.62	95	41722	38.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.26%	
Target Compounds						
					Qvalue	
16) Acetone	4.12	43	599	4.175	ug/l #	44
20) Methylene Chloride	4.90	84	2221	Below Cal		92
25) 2-Butanone	7.14	43	286	1.527	ug/l #	45
31) Cyclohexane	7.94	56	1482	1.161	ug/l #	36
36) 1,1-Dichloropropene	7.95	75	5908	5.004	ug/l #	50
38) Carbon Tetrachloride	7.95	117	7969	6.203	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	21168	54.549	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	21168	120.499	ug/l #	7

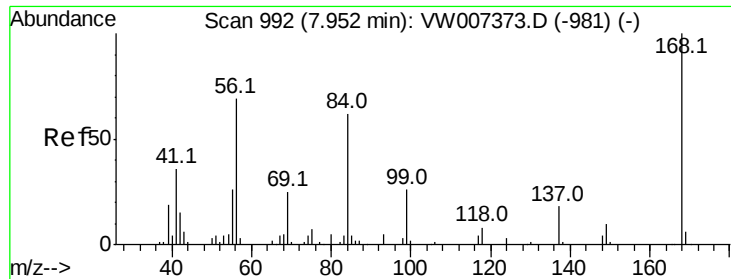
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121518\
Data File : VW007460.D
Acq On : 13 Dec 2018 01:22
Operator : SY/AP
Sample : J6340-02
Misc : 5.74G/5ML/MSVOA W/SOIL
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-02B

Quant Time: Dec 13 04:22:07 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: VW007460.D

Acq: 13 Dec 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

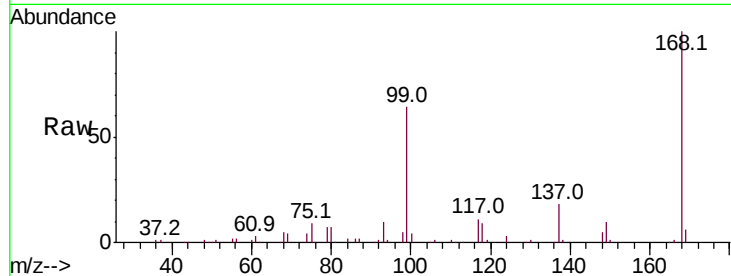
SB-02B

Tot Ion:168 Resp: 74034

Ion Ratio Lower Upper

168 100

99 64.3 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

40000

30000

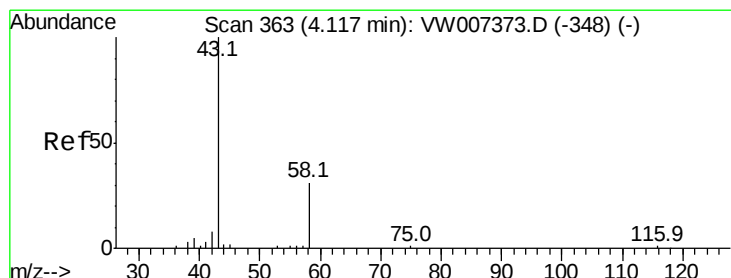
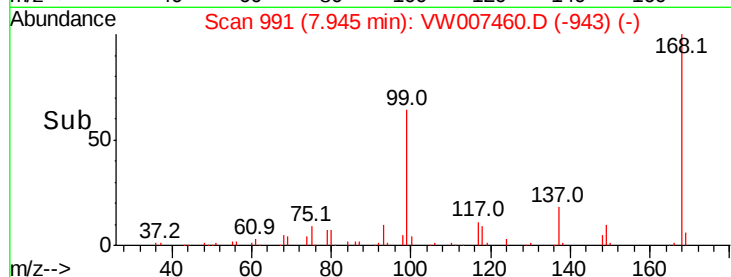
20000

10000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#16

Acetone

Concen: 4.175 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW007460.D

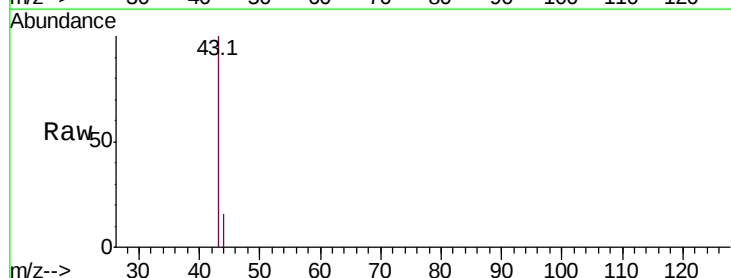
Acq: 13 Dec 2018 01:22

Tgt Ion: 43 Resp: 599

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

300

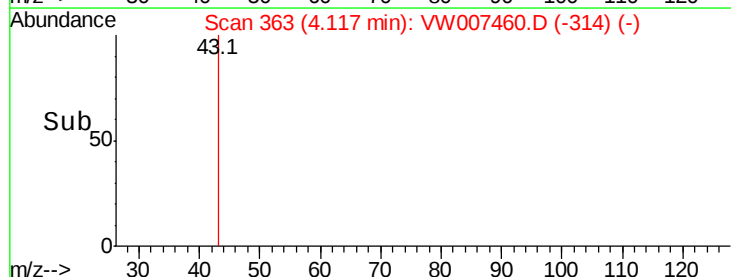
200

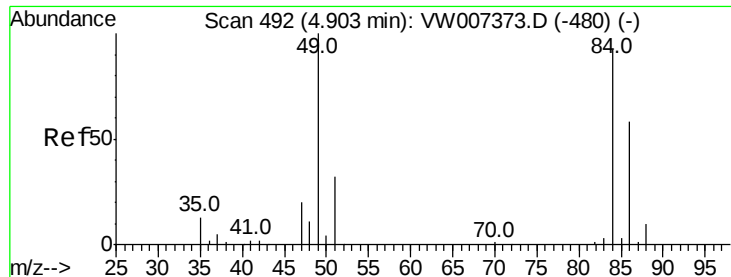
100

0

Time-->

4.05 4.10 4.15





#20

Methvlene Chloride

Concen: Below Cal

RT: 4.90 min Scan# 491

Delta R.T. -0.01 min

Lab File: VW007460.D

Acq: 13 Dec 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

SB-02B

Tot Ion: 84 Resp: 2221

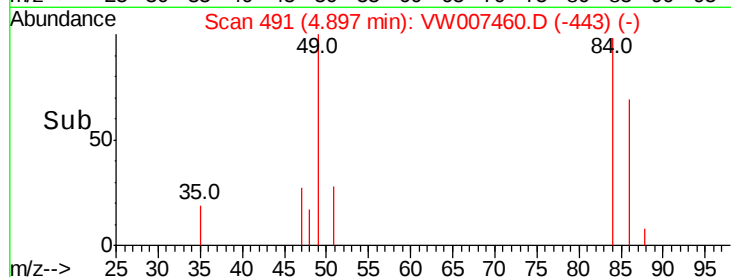
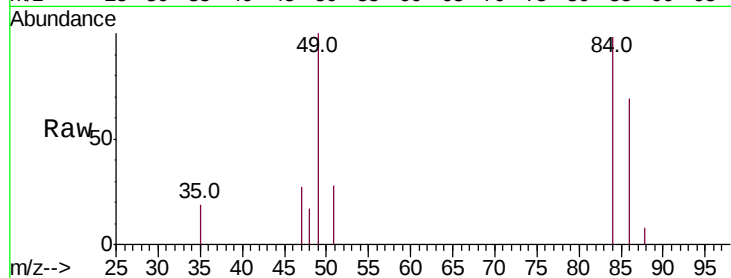
Ion Ratio Lower Upper

84 100

49 102.1 87.1 130.7

51 28.3 28.2 42.2

86 70.6 50.8 76.2

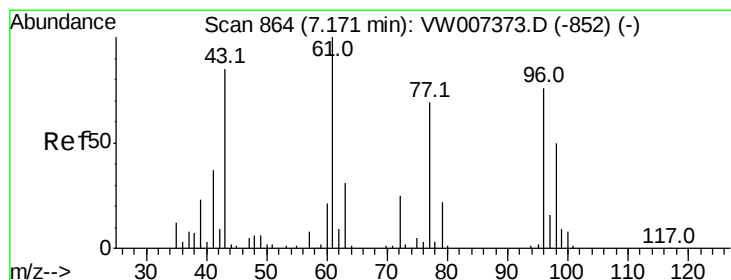
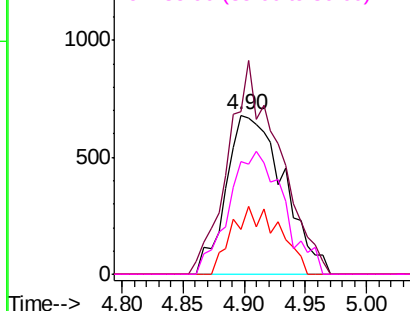


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#25

2-Butanone

Concen: 1.527 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW007460.D

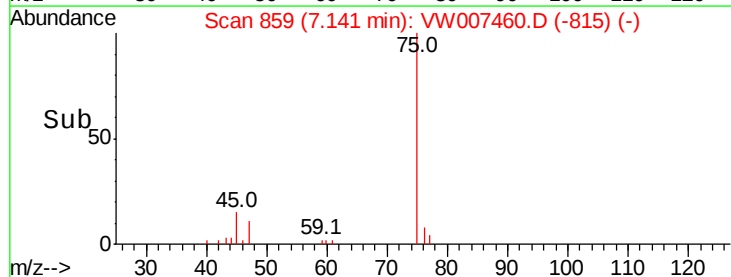
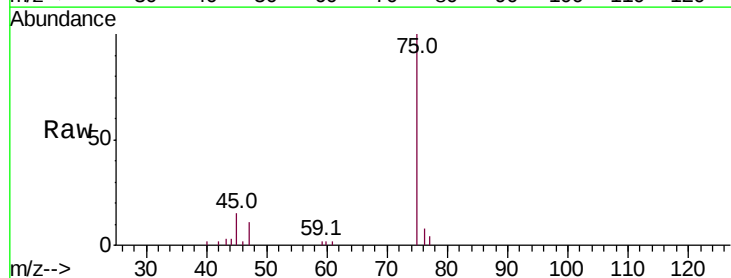
Acq: 13 Dec 2018 01:22

Tgt Ion: 43 Resp: 286

Ion Ratio Lower Upper

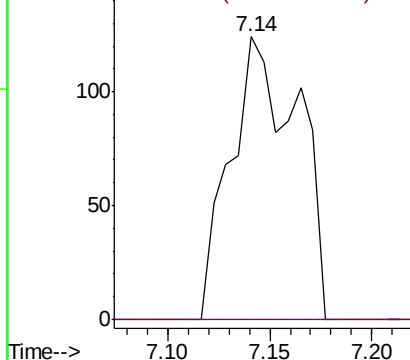
43 100

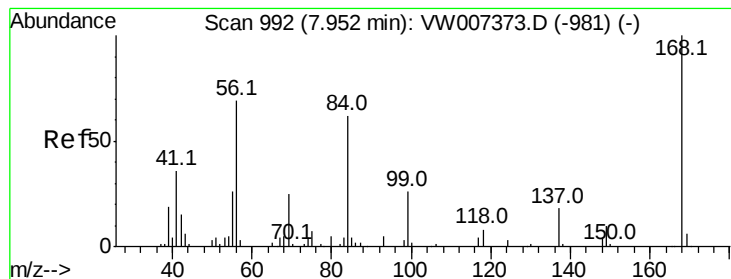
72 0.0 23.4 35.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW





#31

Cyclohexane

Concen: 1.161 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW007460.D

Acq: 13 Dec 2018 01:22

Instrument :

MSVOA_W

ClientSampled :

SB-02B

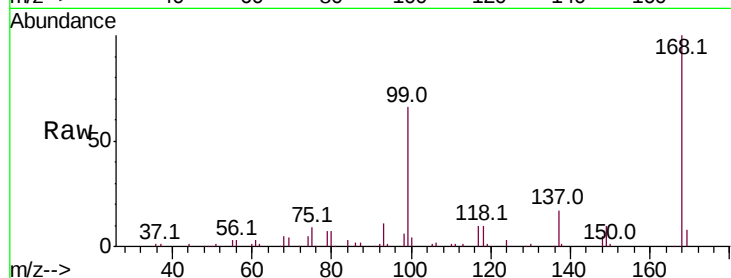
Tot Ion: 56 Resp: 1482

Ion Ratio Lower Upper

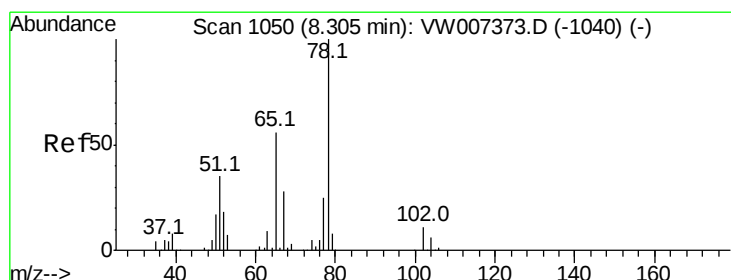
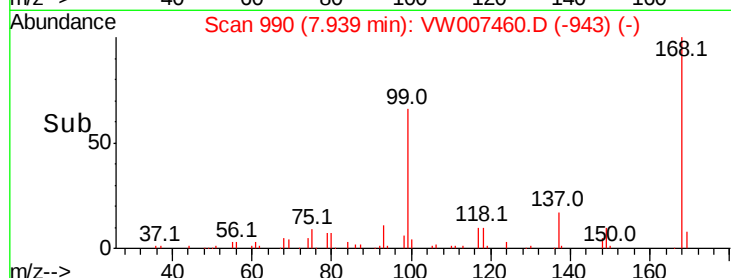
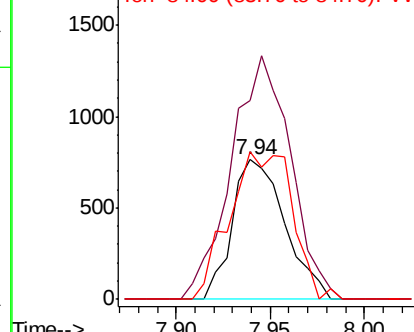
56 100

69 142.6 28.9 43.3#

84 105.2 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: 41.168 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW007460.D

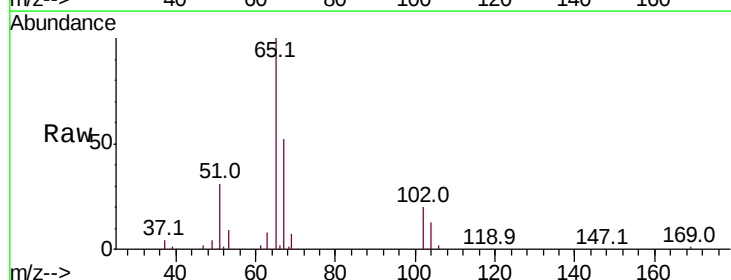
Acq: 13 Dec 2018 01:22

Tgt Ion: 65 Resp: 33813

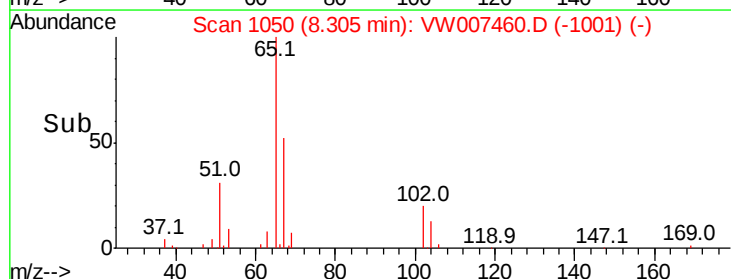
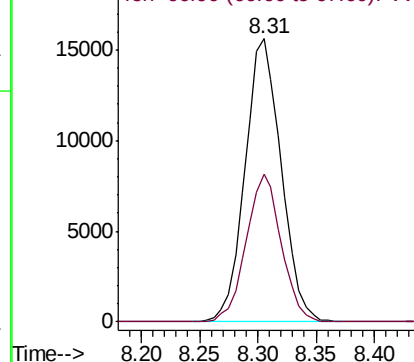
Ion Ratio Lower Upper

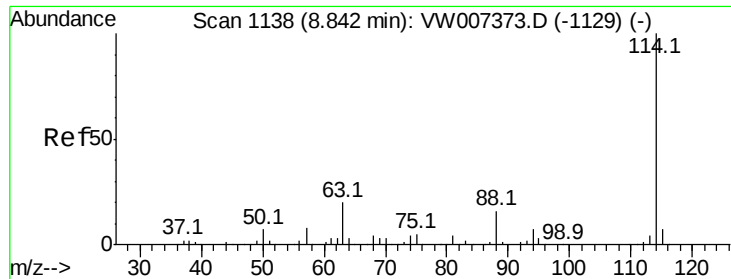
65 100

67 50.3 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

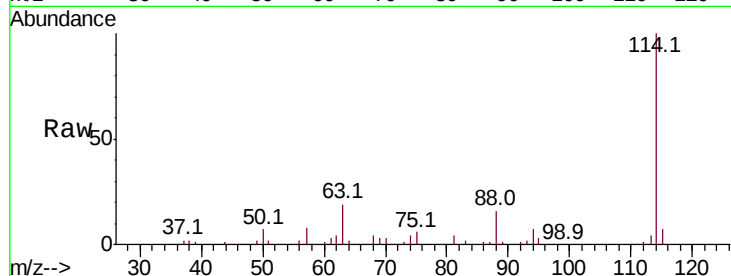




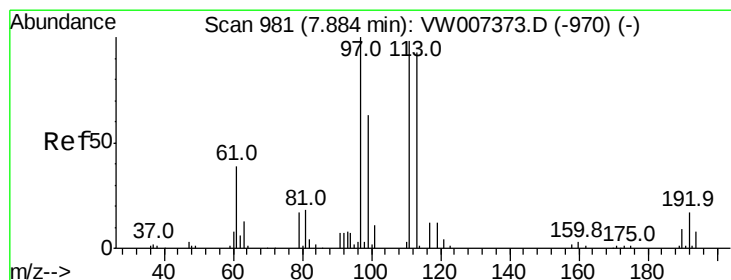
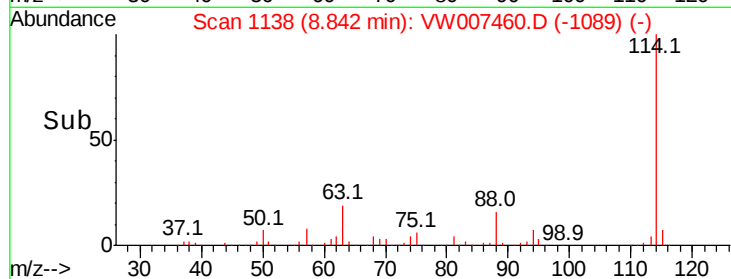
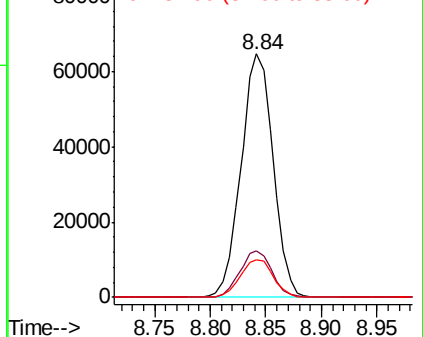
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007460.D
 Acq: 13 Dec 2018 01:22

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-02B

Tot Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	39.6
88	15.7	0.0	31.4

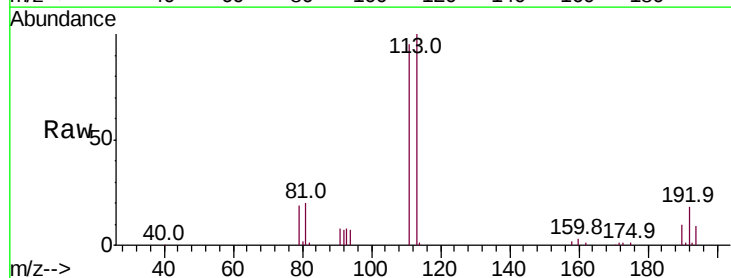


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

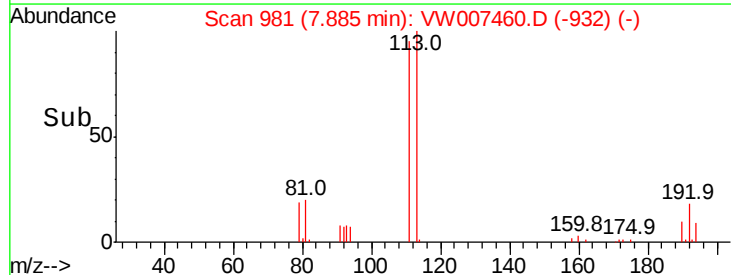
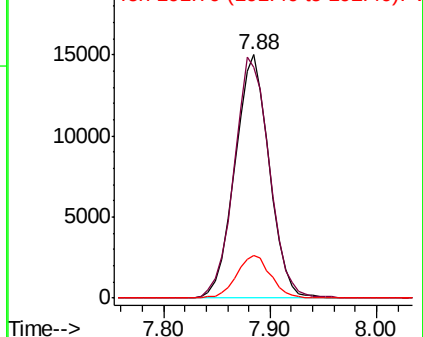


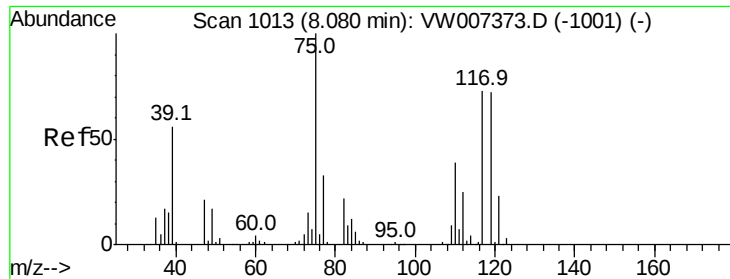
#35
 Dibromofluoromethane
 Concen: 43.185 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW007460.D
 Acq: 13 Dec 2018 01:22

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.1	121.7
192	17.6	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

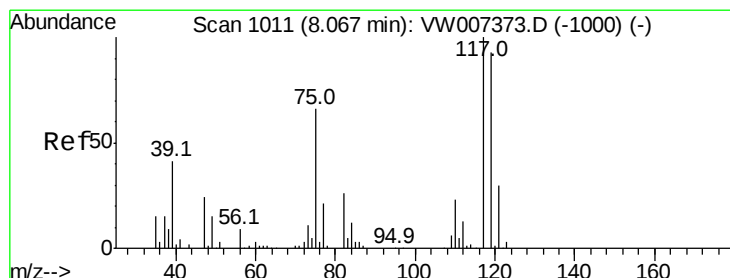
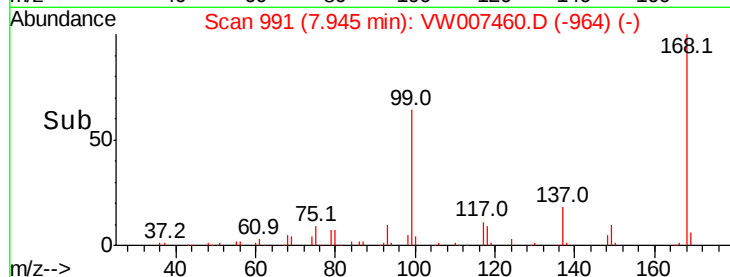
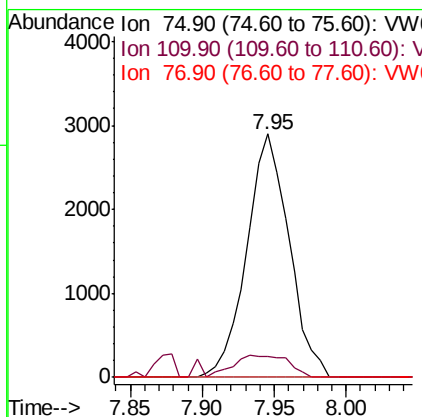
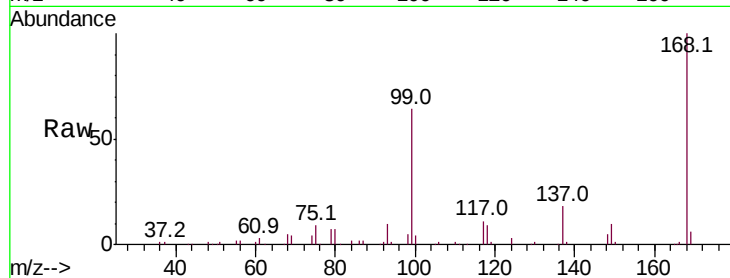




#36
 1,1-Dichloropropene
 Concen: 5.004 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007460.D
 Acq: 13 Dec 2018 01:22

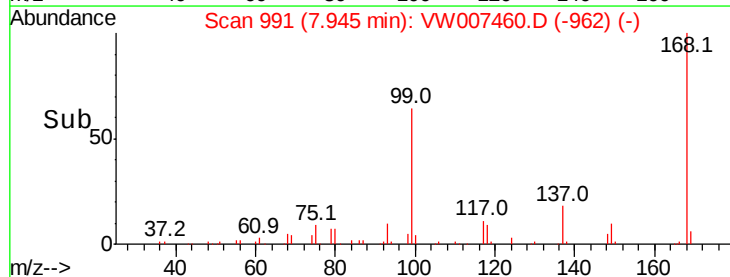
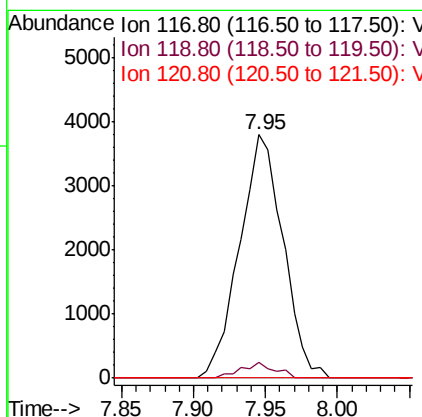
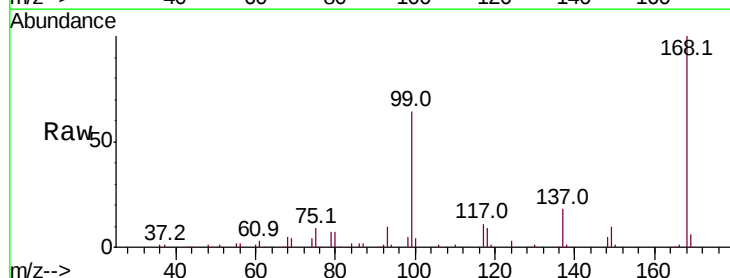
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-02B

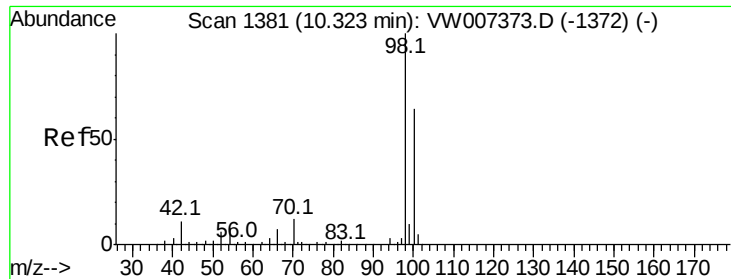
Tot Ion: 75 Resp: 5908
 Ion Ratio Lower Upper
 75 100
 110 11.5 18.5 55.5#
 77 0.0 25.6 38.4#



#38
 Carbon Tetrachloride
 Concen: 6.203 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW007460.D
 Acq: 13 Dec 2018 01:22

Tgt Ion: 117 Resp: 7969
 Ion Ratio Lower Upper
 117 100
 119 6.2 74.3 111.5#
 121 0.0 24.3 36.5#





#50

Toluene-d8

Concen: 39.478 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW007460.D

Acq: 13 Dec 2018 01:22

Instrument :

MSVOA_W

ClientSampleId :

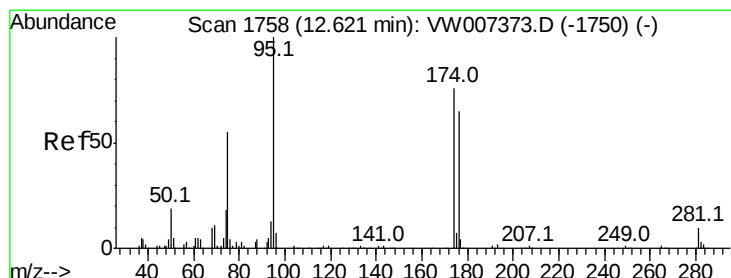
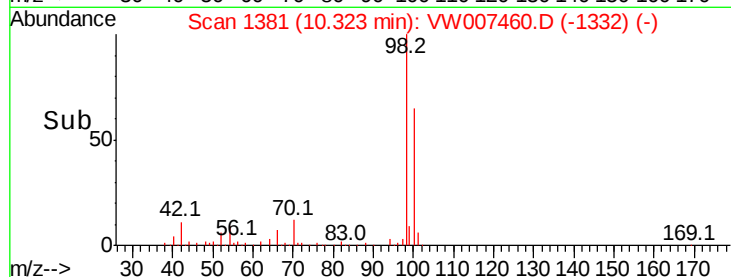
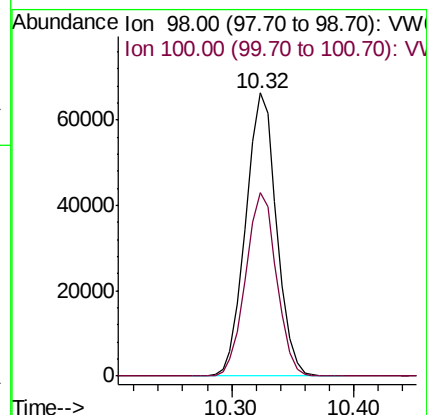
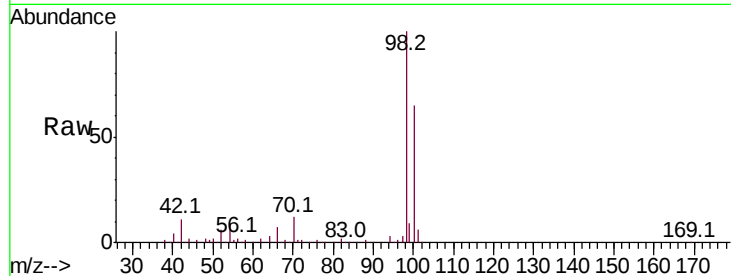
SB-02B

Tot Ion: 98 Resp: 115964

Ion Ratio Lower Upper

98 100

100 64.9 51.8 77.8



#62

4-Bromofluorobenzene

Concen: 38.631 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007460.D

Acq: 13 Dec 2018 01:22

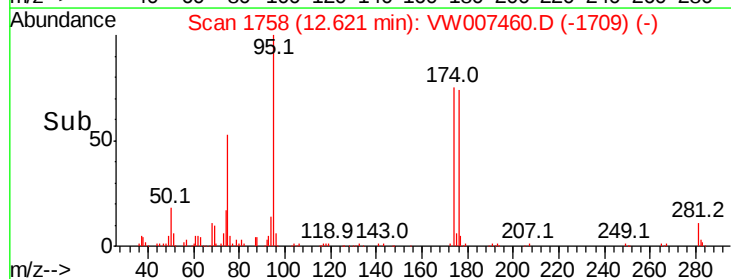
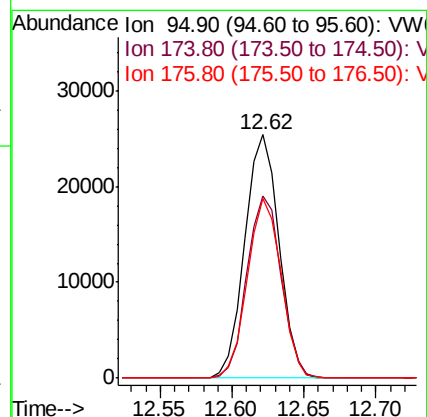
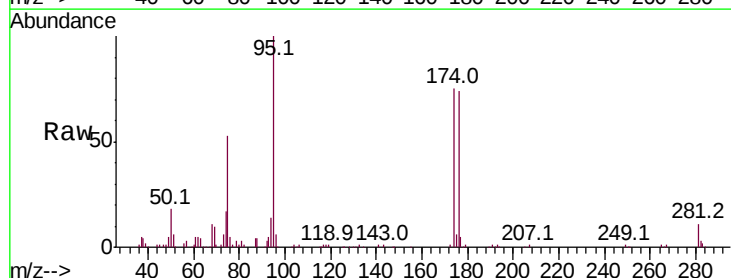
Tgt Ion: 95 Resp: 41722

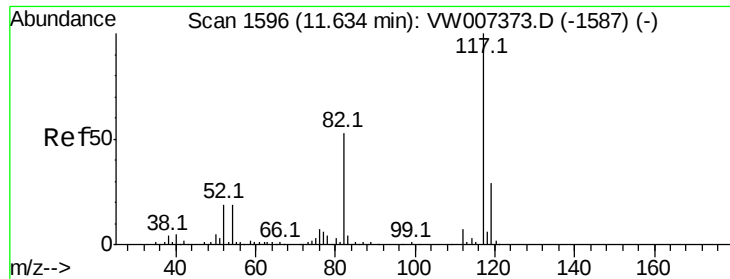
Ion Ratio Lower Upper

95 100

174 74.9 0.0 147.2

176 72.7 0.0 138.8

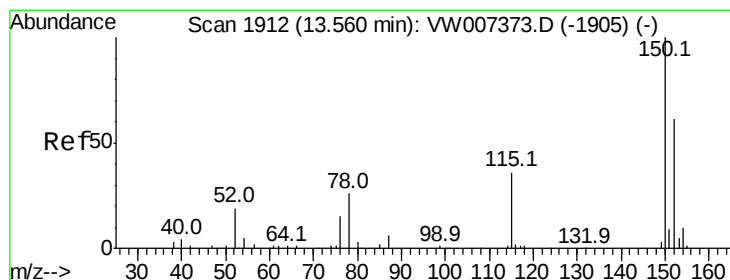
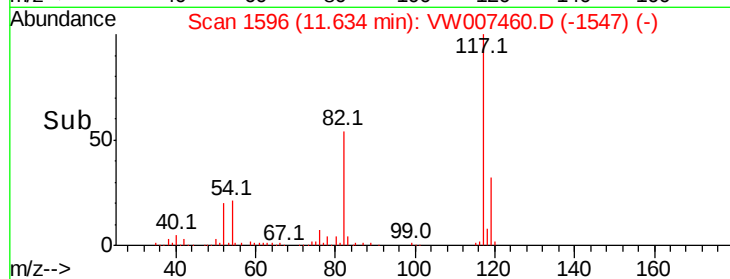
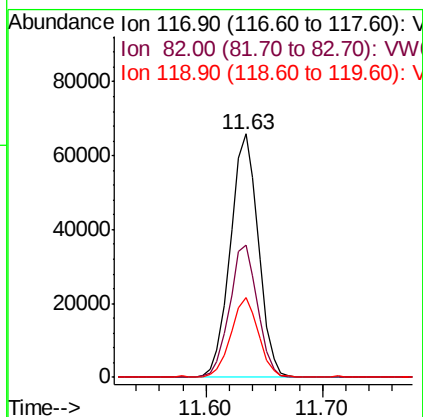
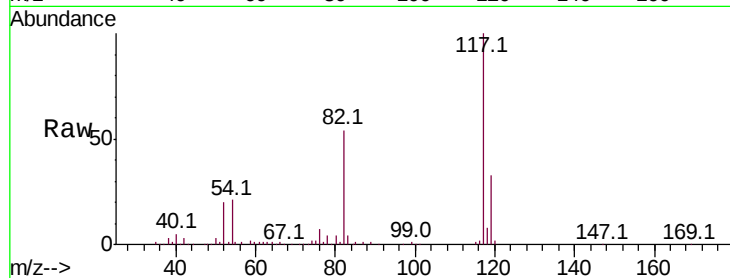




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007460.D
Acq: 13 Dec 2018 01:22

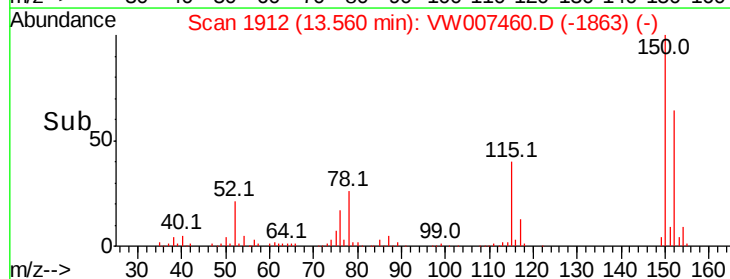
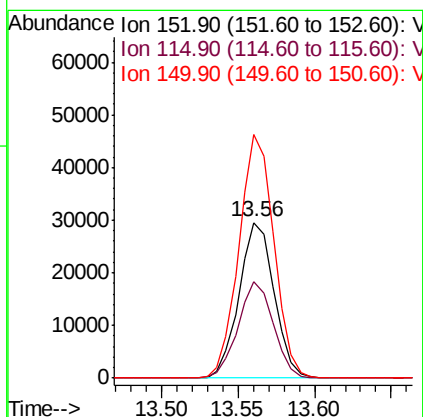
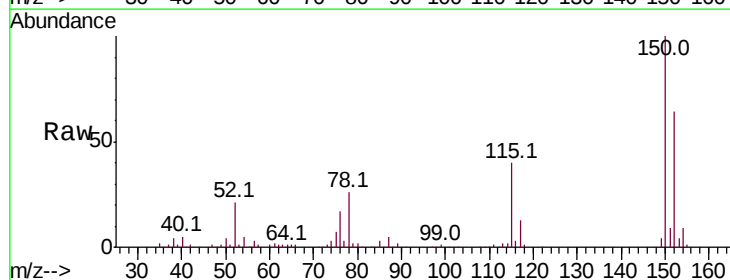
Instrument :
MSVOA_W
ClientSampled :
SB-02B

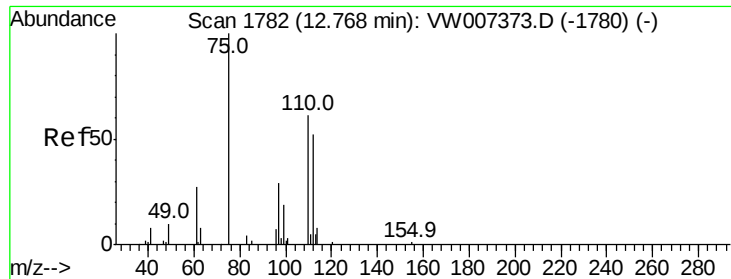
Tot Ion:117 Resp: 110077
Ion Ratio Lower Upper
117 100
82 54.3 42.3 63.5
119 32.5 23.0 34.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW007460.D
Acq: 13 Dec 2018 01:22

Tgt Ion:152 Resp: 47064
Ion Ratio Lower Upper
152 100
115 62.2 31.4 94.2
150 155.7 0.0 358.4

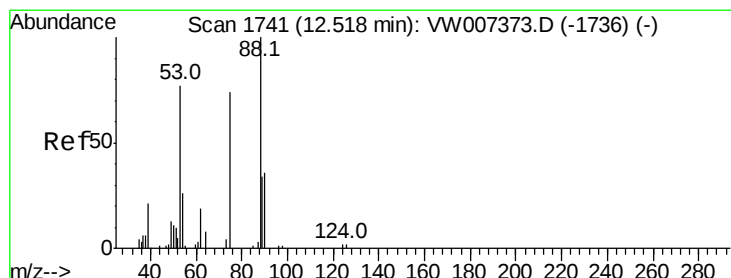
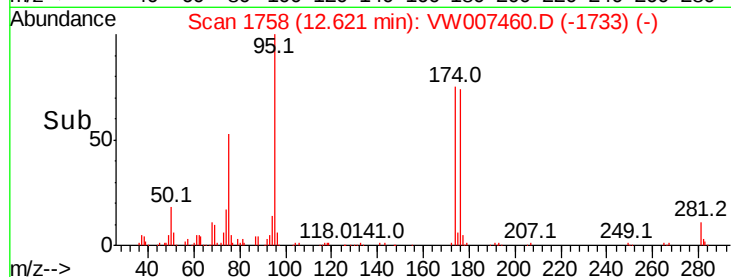
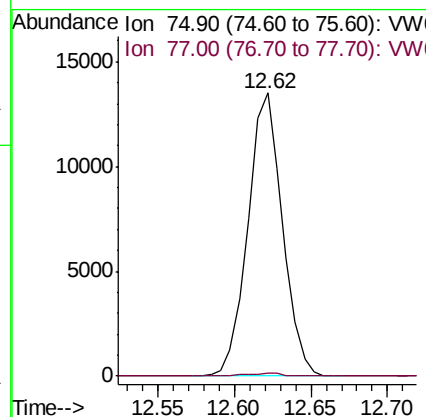
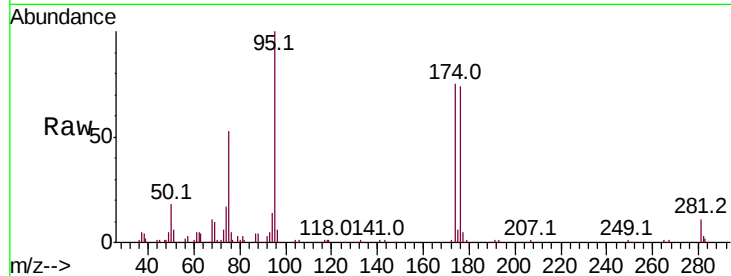




#76
 1,2,3-Trichloropropane
 Concen: 54.549 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW007460.D
 Acq: 13 Dec 2018 01:22

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-02B

Tot Ion: 75 Resp: 21168
 Ion Ratio Lower Upper
 75 100
 77 1.0 166.9 500.8#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 120.499 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.10 min
 Lab File: VW007460.D
 Acq: 13 Dec 2018 01:22

Tgt Ion: 75 Resp: 21168
 Ion Ratio Lower Upper
 75 100
 53 0.0 84.9 127.3#
 89 0.0 40.3 60.5#

