

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121518\
 Data File : VW007466.D
 Acq On : 13 Dec 2018 03:57
 Operator : SY/AP
 Sample : J6340-09
 Misc : 4.60G/5ML/MSVOA W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-05B

Quant Time: Dec 13 05:44:09 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	62265	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	101412	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	75249	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	25777	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	28679	41.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.04%	
35) Dibromofluoromethane	7.88	113	26833	43.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.42%	
50) Toluene-d8	10.32	98	80654	35.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.08%	
62) 4-Bromofluorobenzene	12.62	95	23134	27.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	54.68%	

Target Compounds

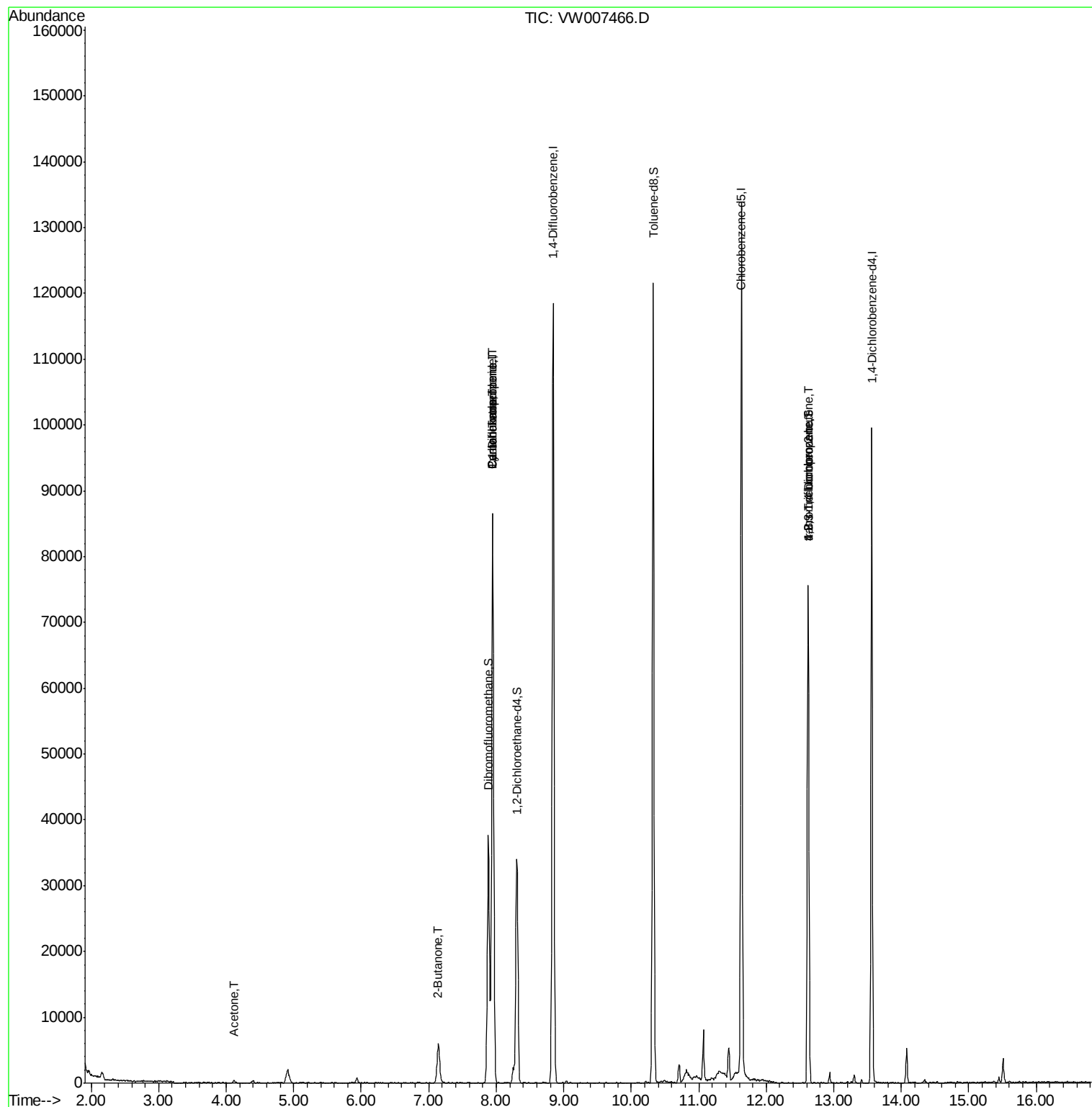
					Qvalue	
16) Acetone	4.12	43	358	2.967	ug/l	99
20) Methylene Chloride	4.91	84	1701	Below Cal		93
25) 2-Butanone	7.15	43	282	1.790	ug/l #	45
31) Cyclohexane	7.94	56	1244	1.159	ug/l #	5
36) 1,1-Dichloropropene	7.95	75	4843	5.235	ug/l #	50
38) Carbon Tetrachloride	7.95	117	6540	6.497	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	11984	56.385	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	11984	124.555	ug/l #	7

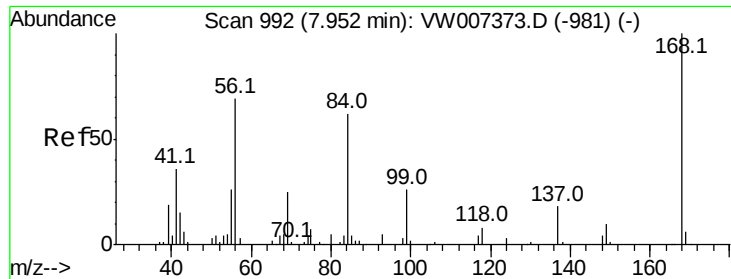
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121518\
Data File : VW007466.D
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Operator : SY/AP
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Instrument :
MSVOA_W
ClientSampleId :
SB-05B

Quant Time: Dec 13 05:44:09 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: VW007466.D

Acq: 13 Dec 2018 03:57

Instrument :

MSVOA_W

ClientSampled :

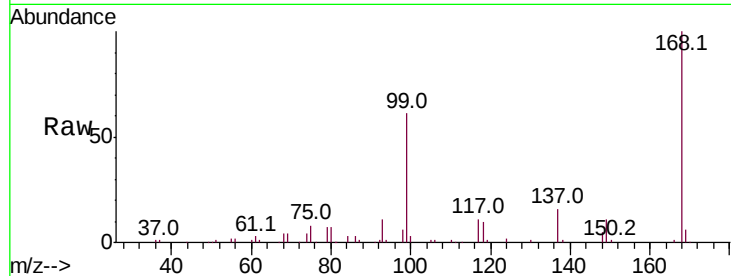
SB-05B

Tot Ion:168 Resp: 62265

Ion Ratio Lower Upper

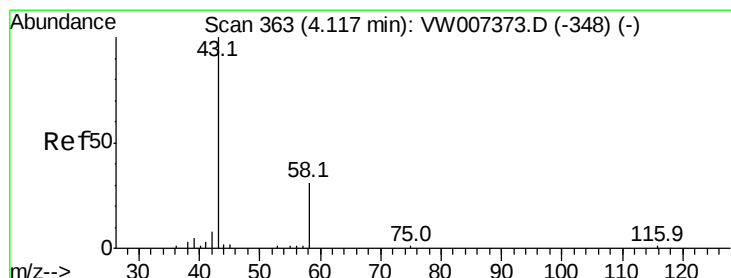
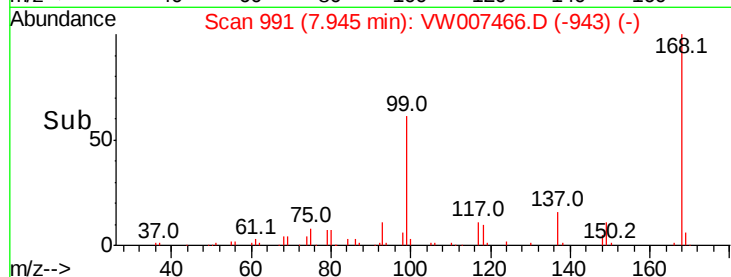
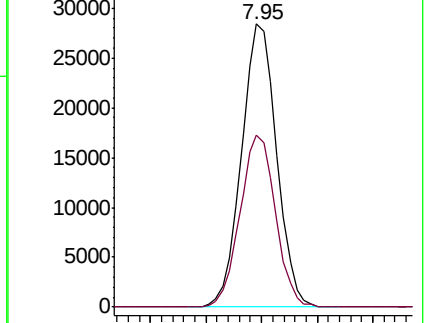
168 100

99 60.8 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 2.967 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW007466.D

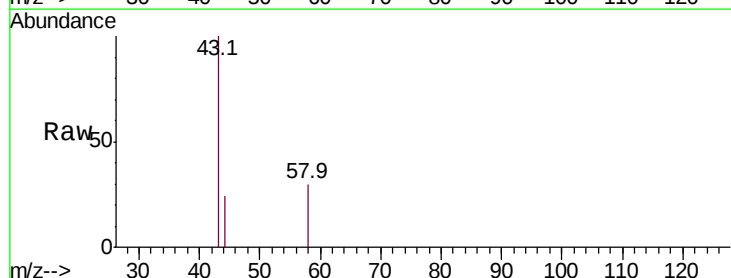
Acq: 13 Dec 2018 03:57

Tgt Ion: 43 Resp: 358

Ion Ratio Lower Upper

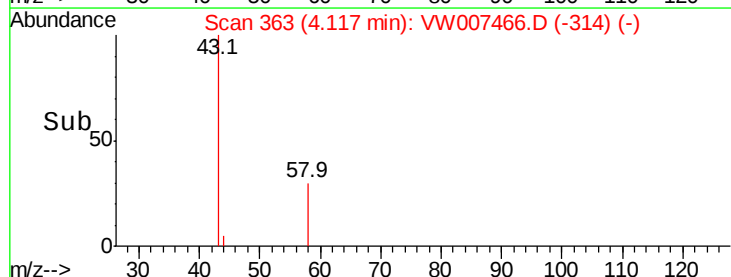
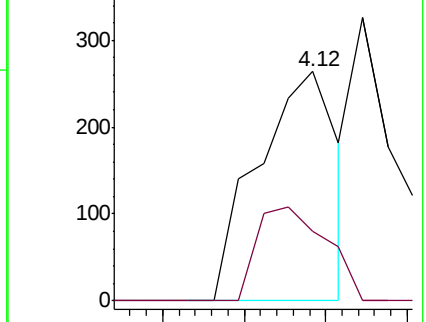
43 100

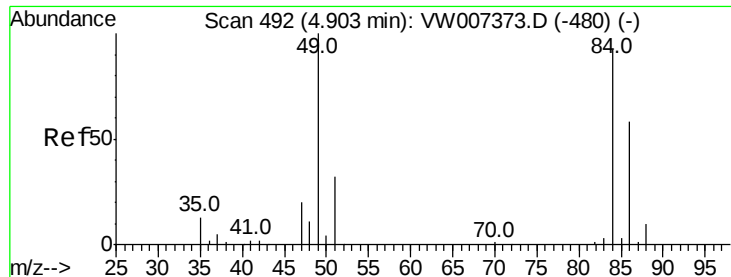
58 30.3 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

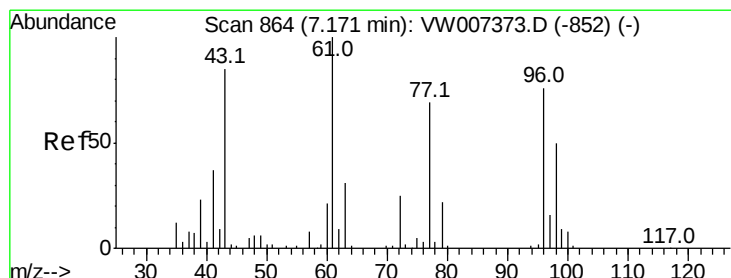
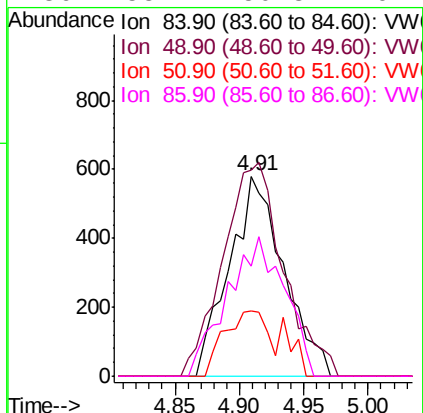
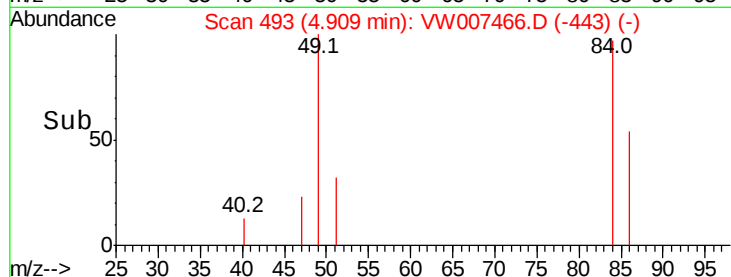
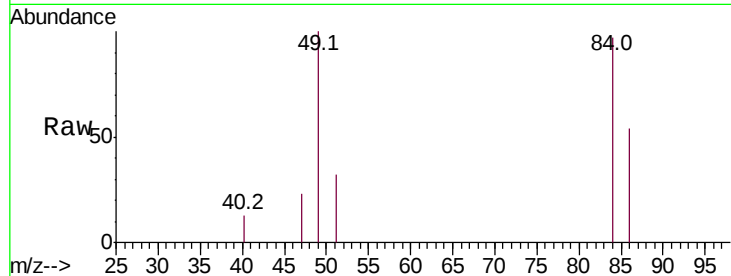




#20
Methylene Chloride
Concen: Below Cal
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW007466.D
Acq: 13 Dec 2018 03:57

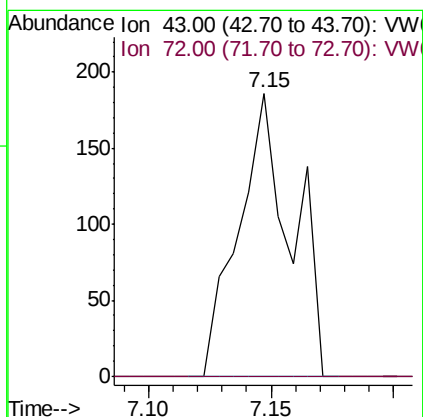
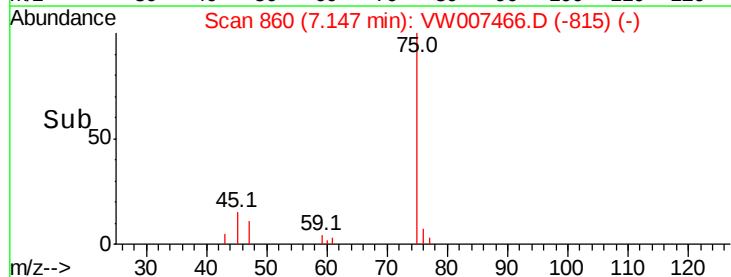
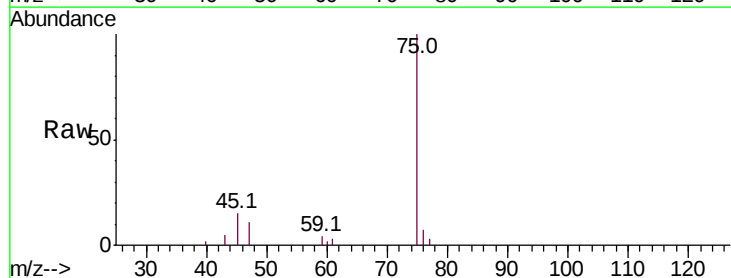
Instrument :
MSVOA_W
ClientSampleId :
SB-05B

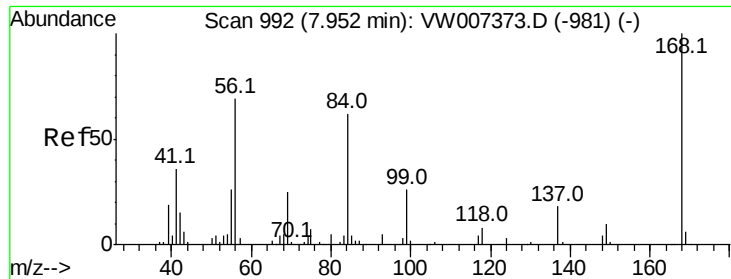
Tot Ion: 84 Resp: 1701
Ion Ratio Lower Upper
84 100
49 103.1 87.1 130.7
51 32.7 28.2 42.2
86 55.2 50.8 76.2



#25
2-Butanone
Concen: 1.790 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: VW007466.D
Acq: 13 Dec 2018 03:57

Tgt Ion: 43 Resp: 282
Ion Ratio Lower Upper
43 100
72 0.0 23.4 35.2#

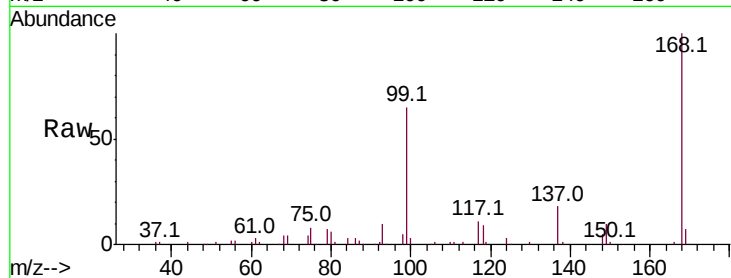




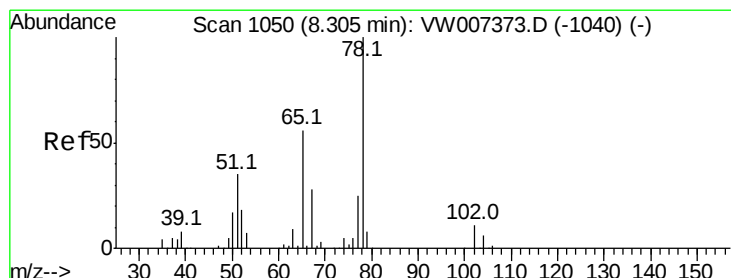
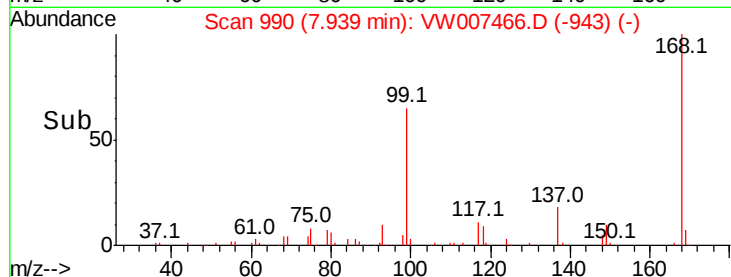
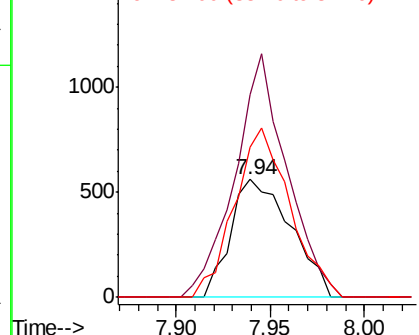
#31
Cyclohexane
Concen: 1.159 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW007466.D
Acq: 13 Dec 2018 03:57

Instrument :
MSVOA_W
ClientSampled :
SB-05B

Tot Ion: 56 Resp: 1244
Ion Ratio Lower Upper
56 100
69 172.7 28.9 43.3#
84 127.1 71.8 107.6#

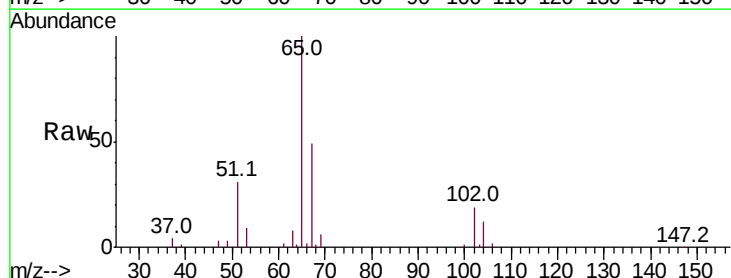


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

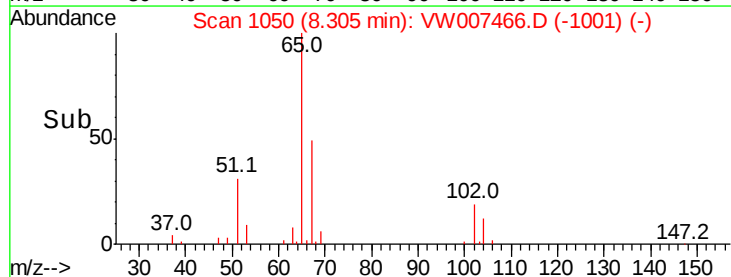
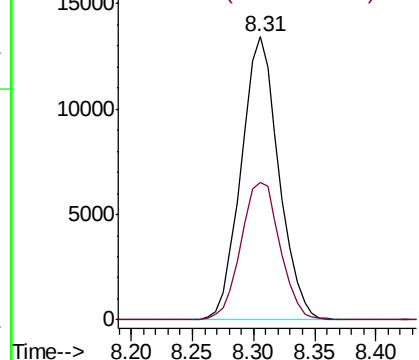


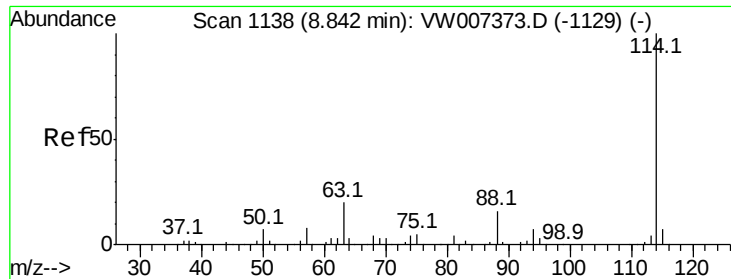
#33
1,2-Dichloroethane-d4
Concen: 41.517 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW007466.D
Acq: 13 Dec 2018 03:57

Tgt Ion: 65 Resp: 28679
Ion Ratio Lower Upper
65 100
67 50.4 0.0 101.6



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

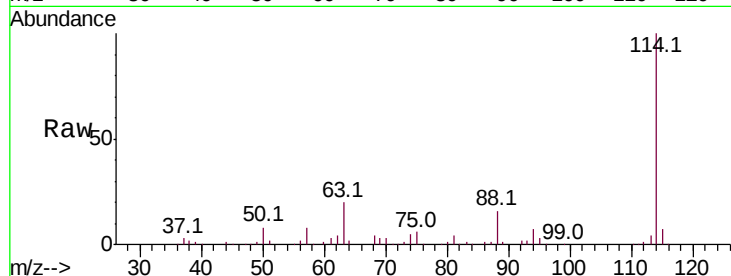




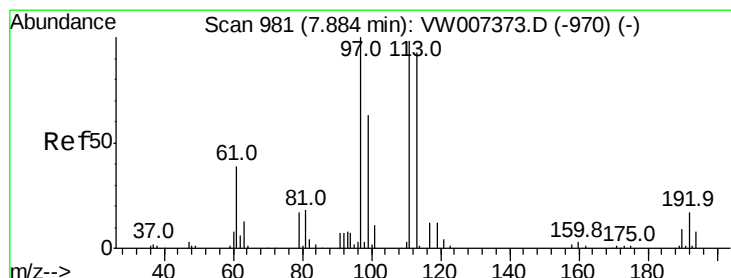
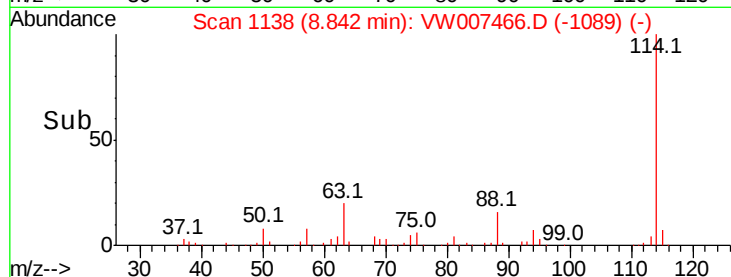
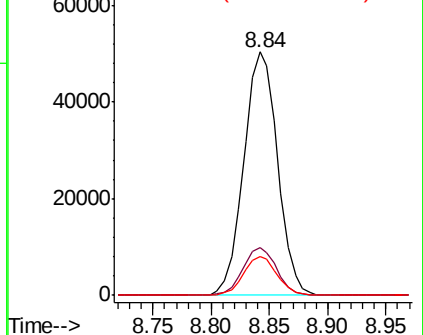
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007466.D
 Acq: 13 Dec 2018 03:57

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-05B

Tot Ion:114 Resp: 101412
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.6
 88 16.1 0.0 31.4

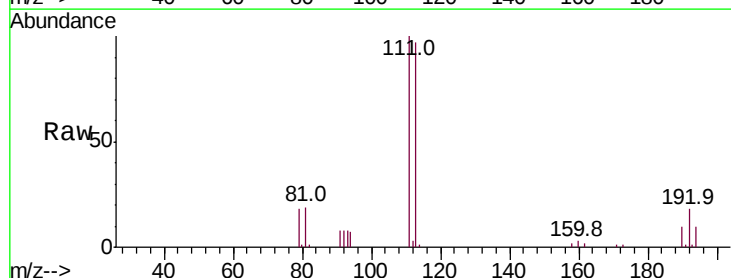


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

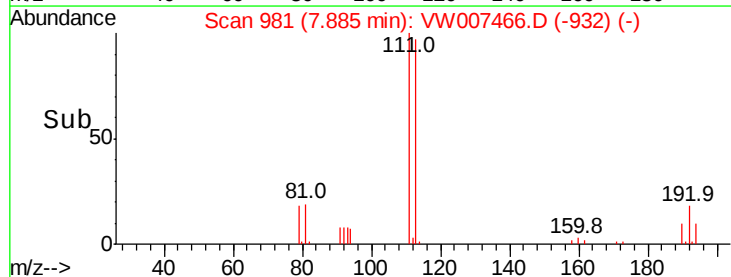
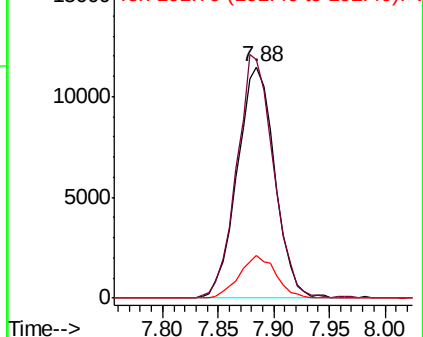


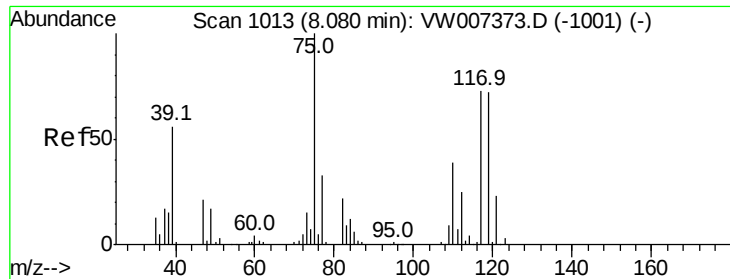
#35
 Dibromofluoromethane
 Concen: 43.710 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW007466.D
 Acq: 13 Dec 2018 03:57

Tgt Ion:113 Resp: 26833
 Ion Ratio Lower Upper
 113 100
 111 102.6 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

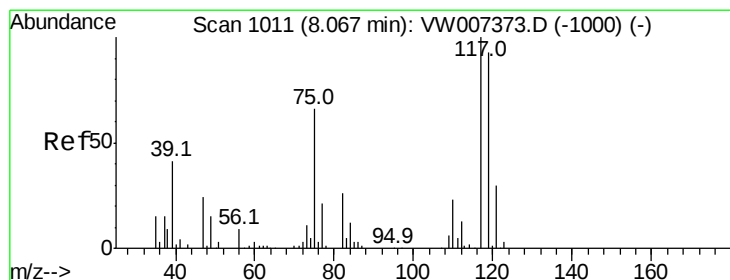
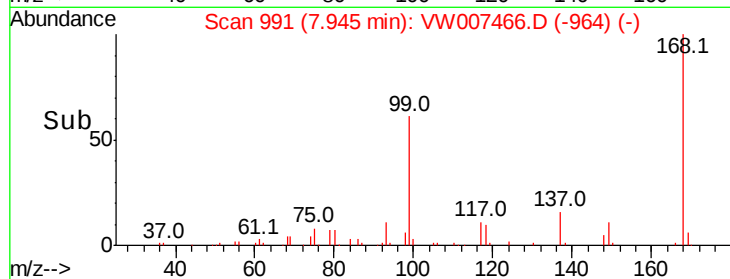
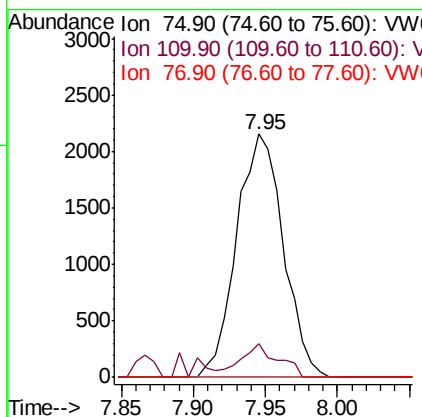
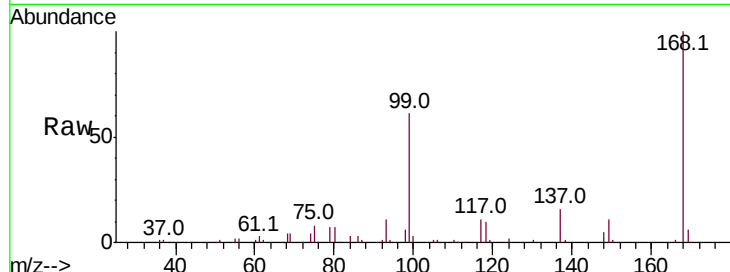




#36
 1,1-Dichloropropene
 Concen: 5.235 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW007466.D
 Acq: 13 Dec 2018 03:57

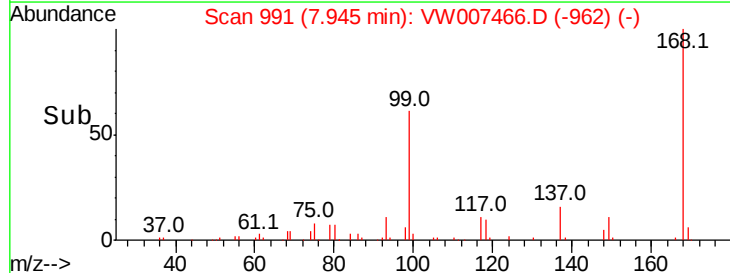
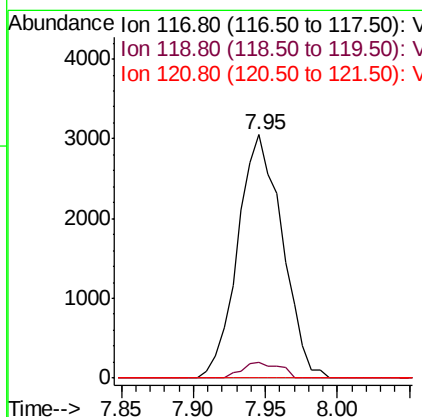
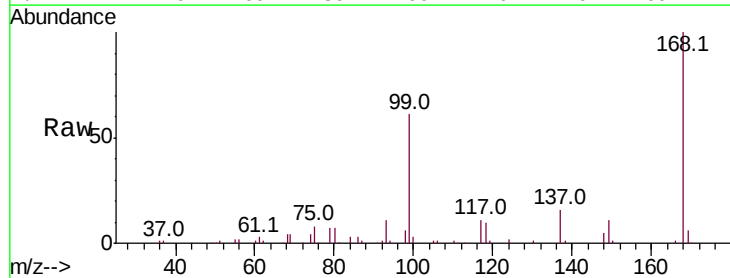
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-05B

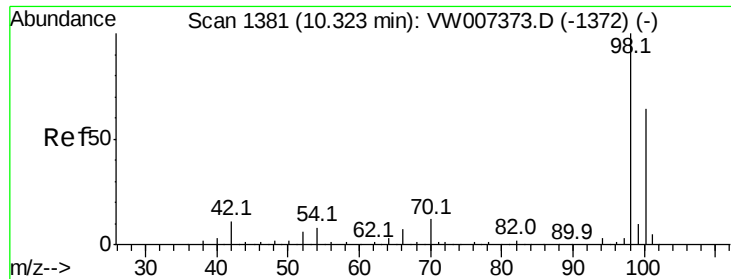
Tot Ion	Ratio	Lower	Upper
75	100		
110	10.9	18.5	55.5#
77	0.0	25.6	38.4#



#38
 Carbon Tetrachloride
 Concen: 6.497 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW007466.D
 Acq: 13 Dec 2018 03:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.4	74.3	111.5#
121	0.0	24.3	36.5#





#50

Toluene-d8

Concen: 35.040 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW007466.D

Acq: 13 Dec 2018 03:57

Instrument :

MSVOA_W

ClientSampled :

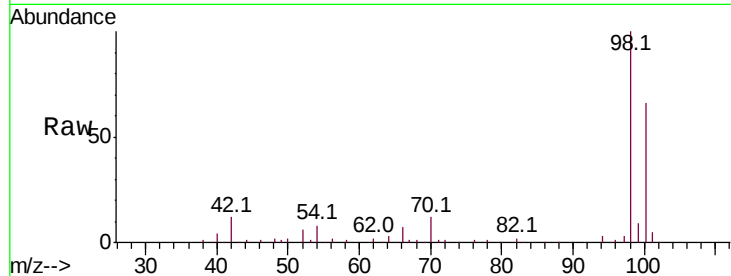
SB-05B

Tot Ion: 98 Resp: 80654

Ion Ratio Lower Upper

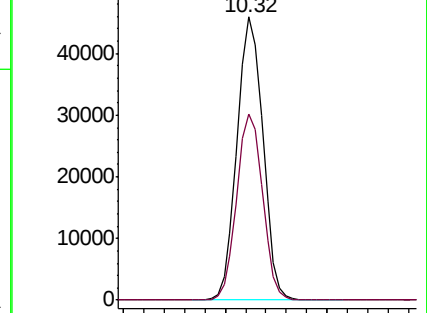
98 100

100 65.5 51.8 77.8

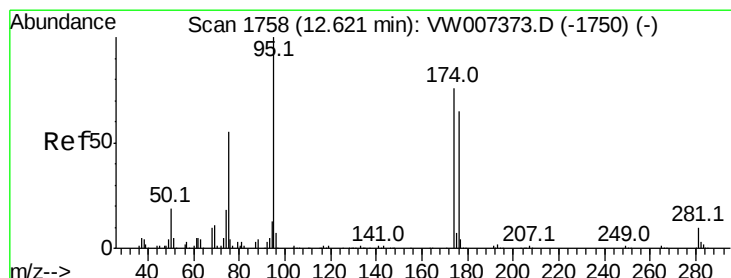
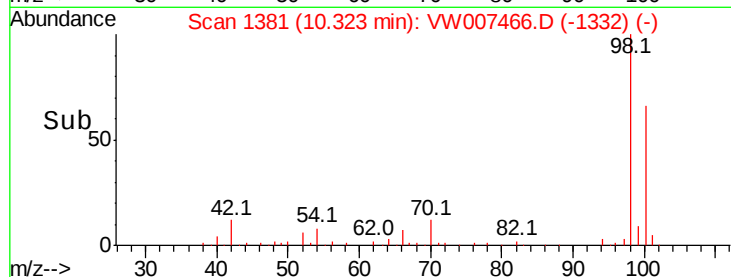


Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



Time--> 10.20 10.30 10.40



#62

4-Bromofluorobenzene

Concen: 27.336 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007466.D

Acq: 13 Dec 2018 03:57

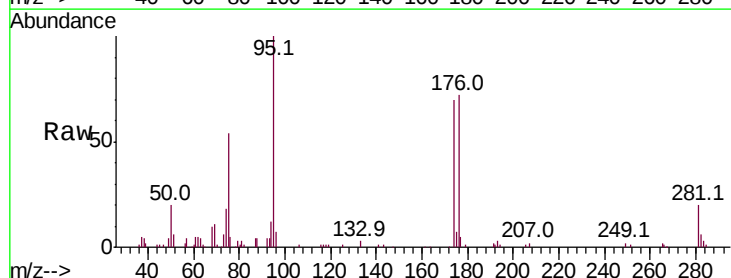
Tgt Ion: 95 Resp: 23134

Ion Ratio Lower Upper

95 100

174 75.0 0.0 147.2

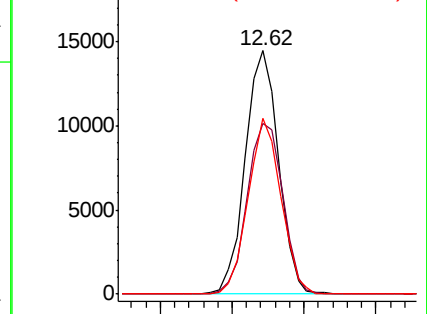
176 70.9 0.0 138.8



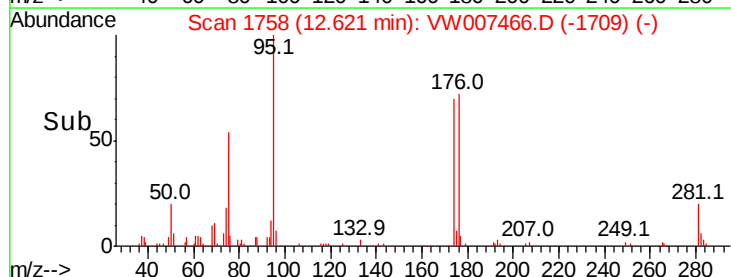
Abundance Ion 94.90 (94.60 to 95.60): VW

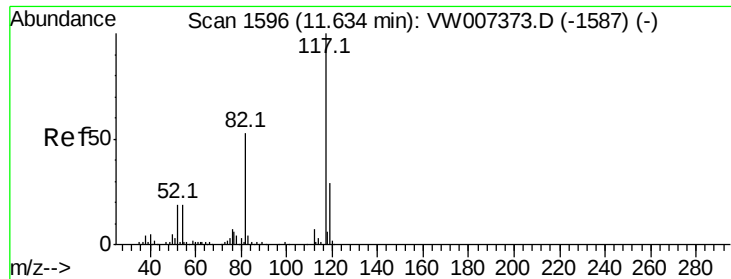
Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



Time--> 12.55 12.60 12.65 12.70

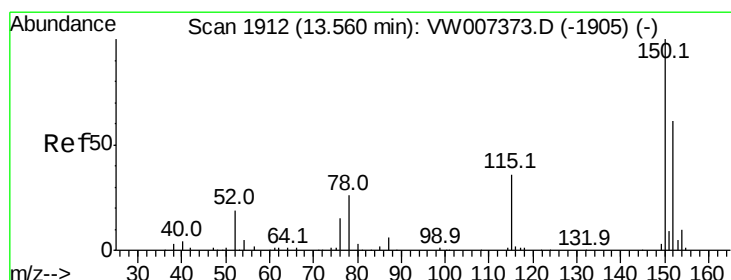
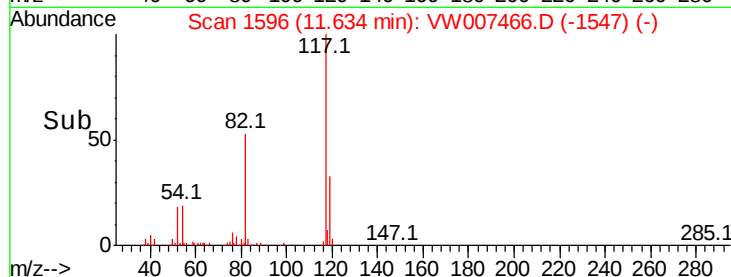
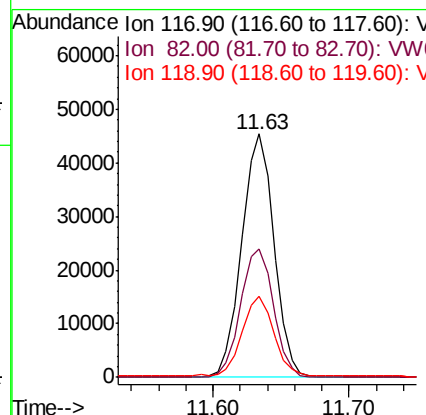
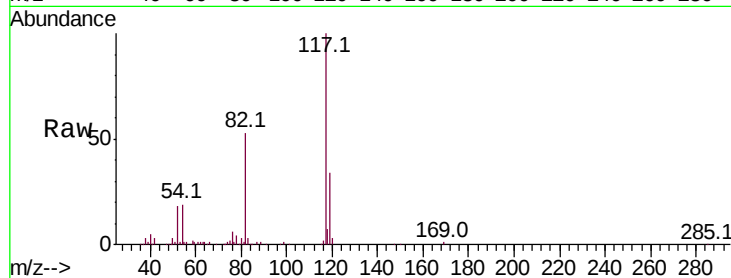




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007466.D
Acq: 13 Dec 2018 03:57

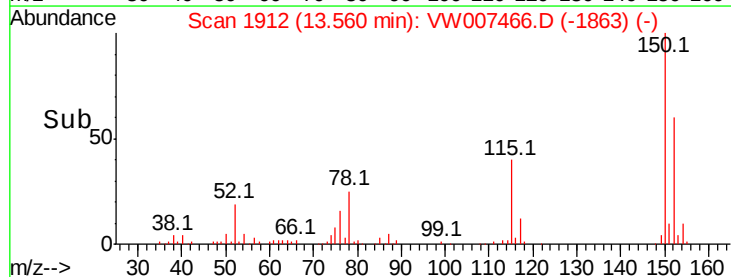
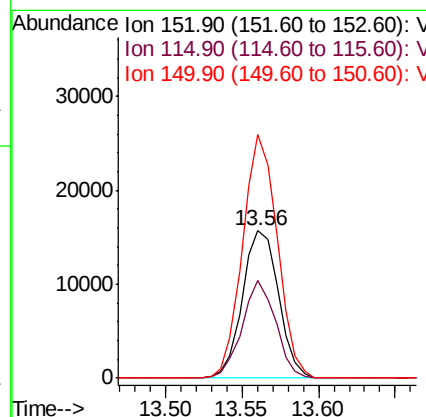
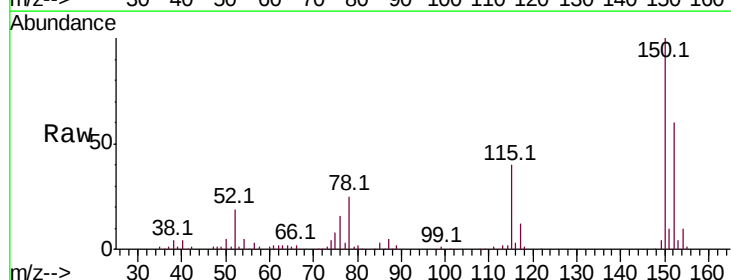
Instrument :
MSVOA_W
ClientSampleId :
SB-05B

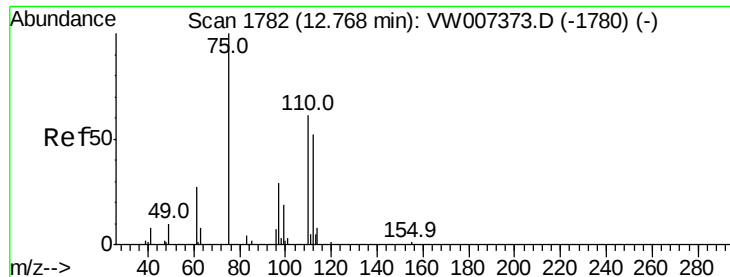
Tot Ion:117 Resp: 75249
Ion Ratio Lower Upper
117 100
82 52.9 42.3 63.5
119 32.9 23.0 34.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW007466.D
Acq: 13 Dec 2018 03:57

Tgt Ion:152 Resp: 25777
Ion Ratio Lower Upper
152 100
115 61.2 31.4 94.2
150 158.3 0.0 358.4





#76

1,2,3-Trichloropropane

Concen: 56.385 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007466.D

Acq: 13 Dec 2018 03:57

Instrument :

MSVOA_W

ClientSampleId :

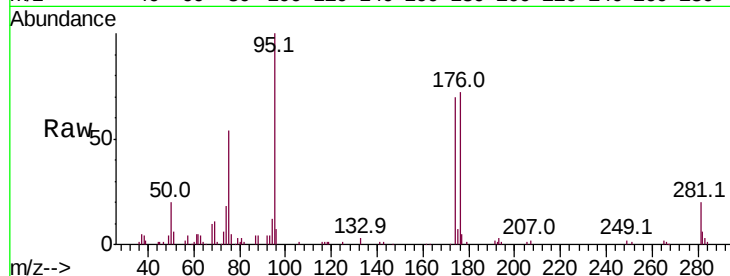
SB-05B

Tot Ion: 75 Resp: 11984

Ion Ratio Lower Upper

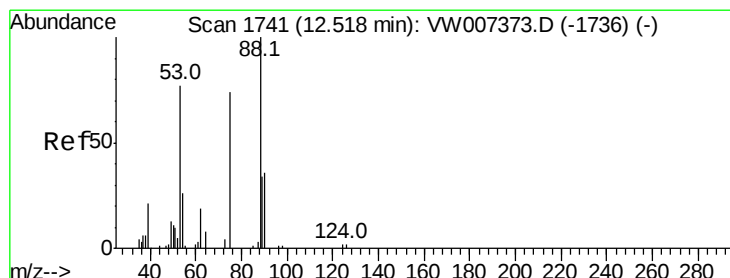
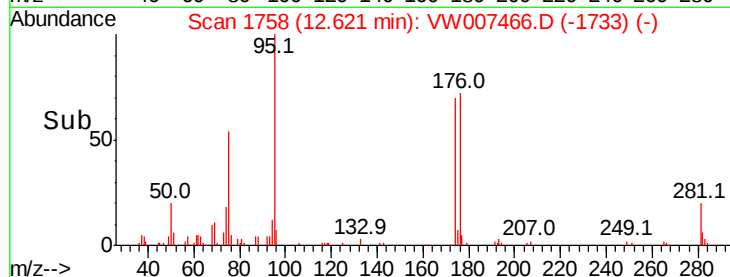
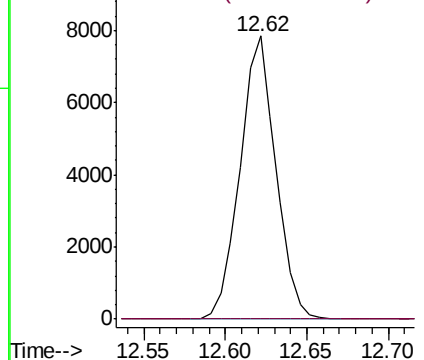
75 100

77 0.0 166.9 500.8#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW



#81

trans-1,4-Dichloro-2-butene

Concen: 124.555 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007466.D

Acq: 13 Dec 2018 03:57

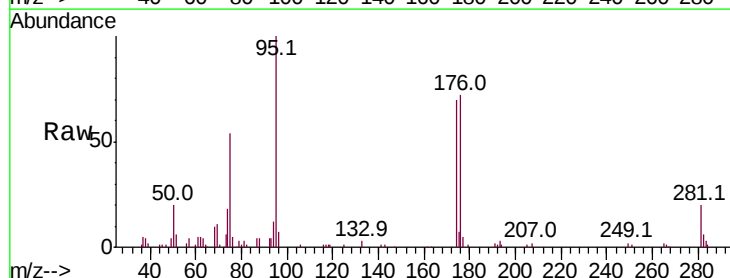
Tgt Ion: 75 Resp: 11984

Ion Ratio Lower Upper

75 100

53 0.0 84.9 127.3#

89 0.0 40.3 60.5#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

