

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121618\
 Data File : VW007514.D
 Acq On : 14 Dec 2018 04:34
 Operator : SY/AP
 Sample : J6340-09RE
 Misc : 4.87G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-05BRE

Quant Time: Dec 14 06:42:07 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	38202	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	69510	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	52712	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	16086	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	23075	54.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.90%	
35) Dibromofluoromethane	7.89	113	21349	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
50) Toluene-d8	10.32	98	57677	36.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.12%	
62) 4-Bromofluorobenzene	12.62	95	16378	28.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	56.46%	

Target Compounds

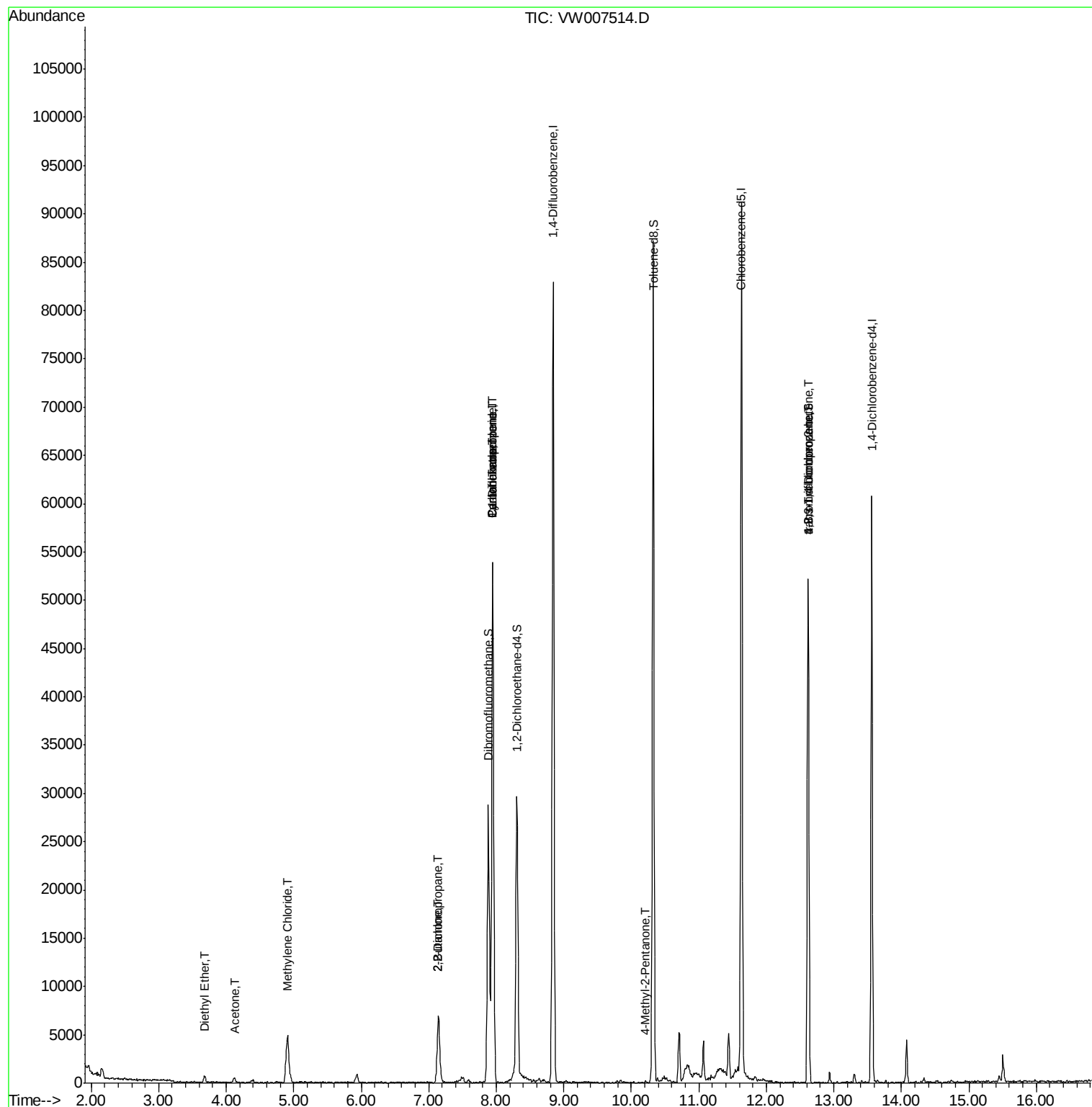
					Qvalue	
8) Diethyl Ether	3.68	74	364	1.972	ug/l	86
16) Acetone	4.12	43	972	13.130	ug/l	90
20) Methylene Chloride	4.91	84	3956	6.352	ug/l	96
25) 2-Butanone	7.13	43	207	2.142	ug/l #	45
26) 2,2-Dichloropropane	7.14	77	477	1.004	ug/l #	52
31) Cyclohexane	7.94	56	785	1.192	ug/l #	21
36) 1,1-Dichloropropene	7.95	75	3110	4.905	ug/l #	48
38) Carbon Tetrachloride	7.95	117	4433	6.425	ug/l #	17
51) 4-Methyl-2-Pentanone	10.21	43	318	1.445	ug/l #	55
76) 1,2,3-Trichloropropane	12.62	75	8208	61.885	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	8208	136.704	ug/l #	7

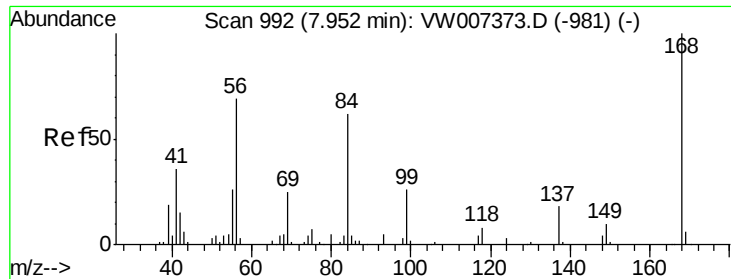
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW121618\
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Quant Time: Dec 14 06:42:07 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: VW007514.D

Acq: 14 Dec 2018 04:34

Instrument :

MSVOA_W

ClientSampleId :

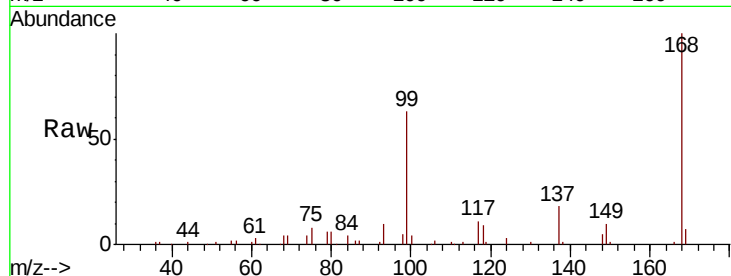
SB-05BRE

Tot Ion:168 Resp: 38202

Ion Ratio Lower Upper

168 100

99 63.3 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

20000

15000

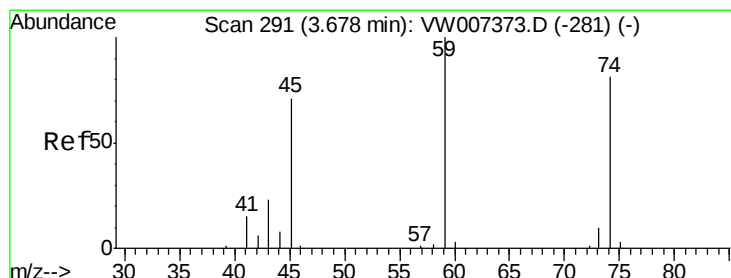
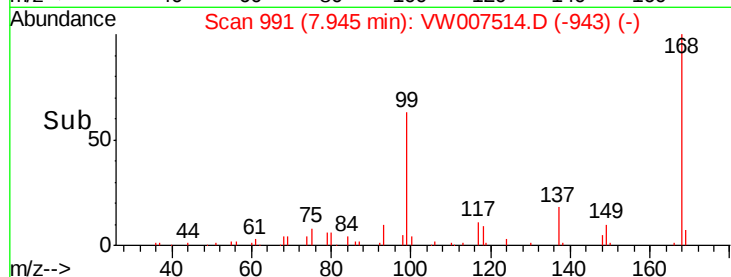
10000

5000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#8

Diethyl Ether

Concen: 1.972 ug/l

RT: 3.68 min Scan# 292

Delta R.T. 0.01 min

Lab File: VW007514.D

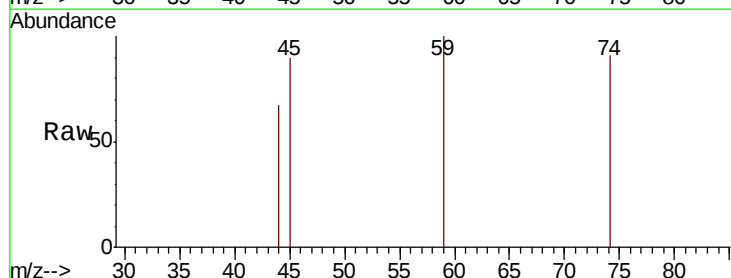
Acq: 14 Dec 2018 04:34

Tgt Ion: 74 Resp: 364

Ion Ratio Lower Upper

74 100

45 98.9 43.0 129.0



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.68

200

150

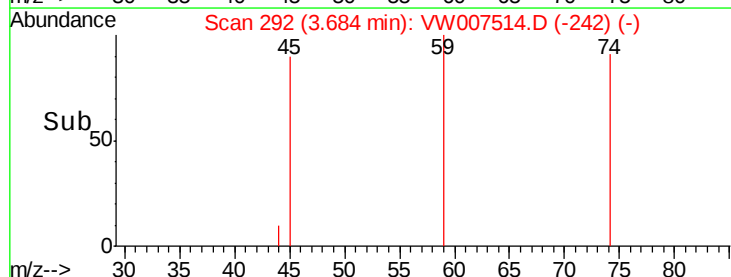
100

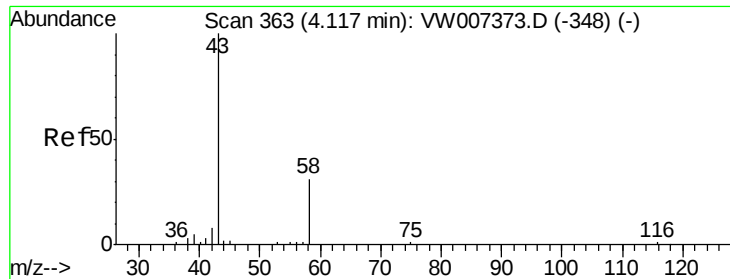
50

0

Time-->

3.65 3.70





#16

Acetone

Concen: 13.130 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007514.D

Acq: 14 Dec 2018 04:34

Instrument :

MSVOA_W

ClientSampleId :

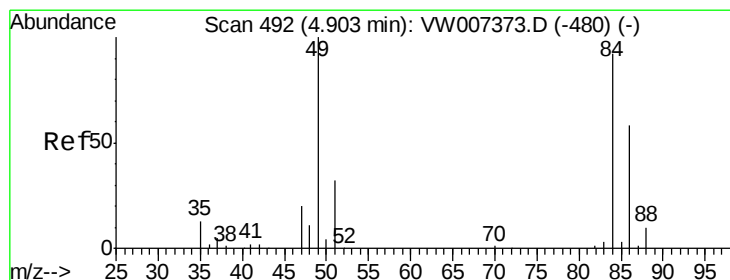
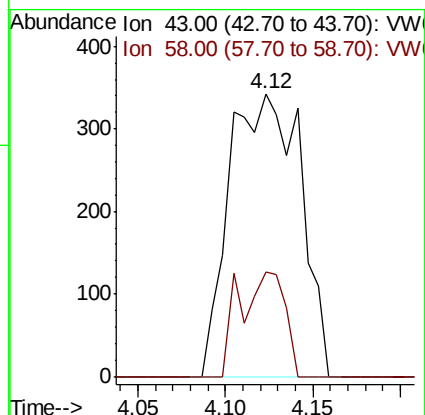
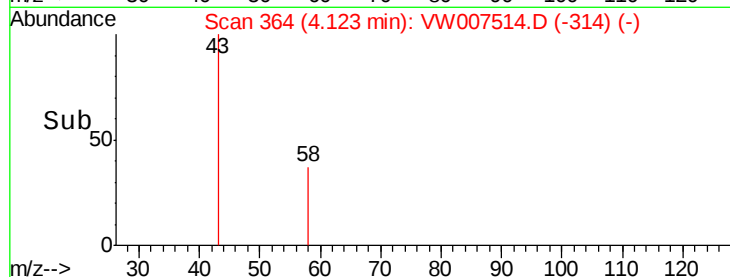
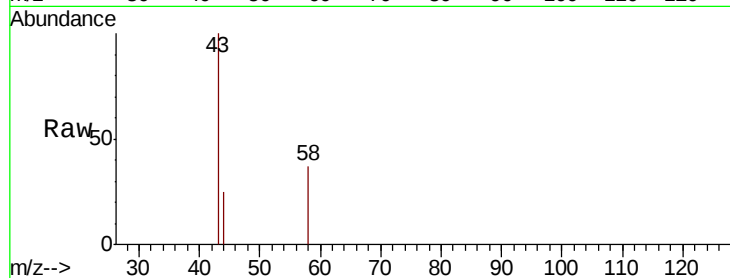
SB-05BRE

Tot Ion: 43 Resp: 972

Ion Ratio Lower Upper

43 100

58 36.7 24.9 37.3



#20

Methylene Chloride

Concen: 6.352 ug/l

RT: 4.91 min Scan# 493

Delta R.T. 0.01 min

Lab File: VW007514.D

Acq: 14 Dec 2018 04:34

Tgt Ion: 84 Resp: 3956

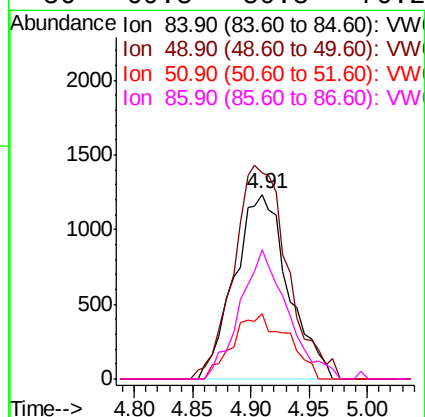
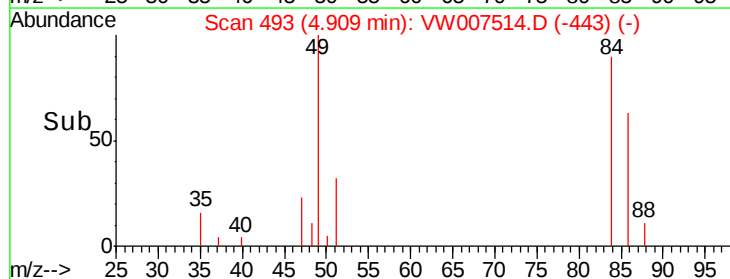
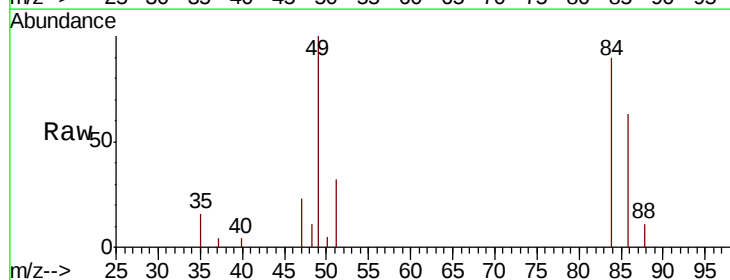
Ion Ratio Lower Upper

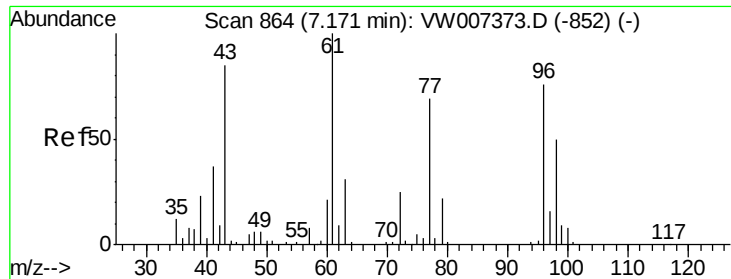
84 100

49 111.5 87.1 130.7

51 35.5 28.2 42.2

86 69.8 50.8 76.2

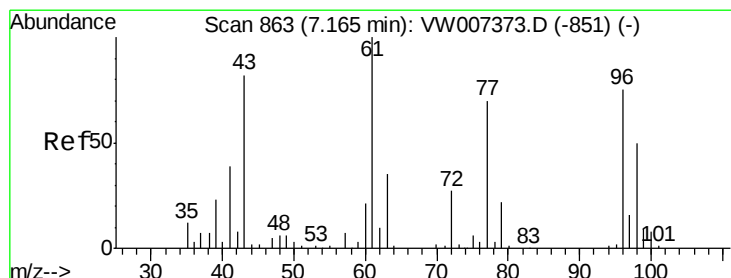
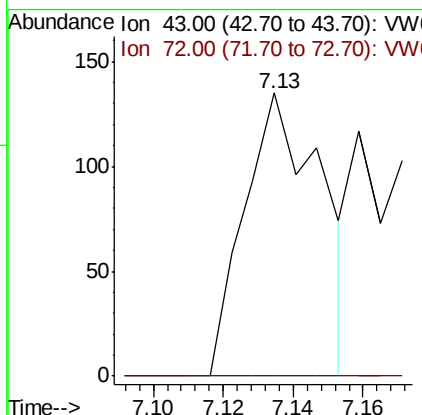
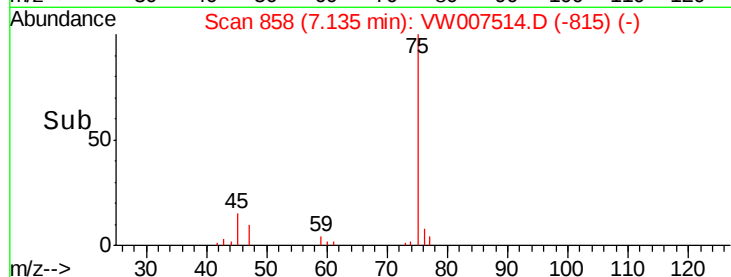
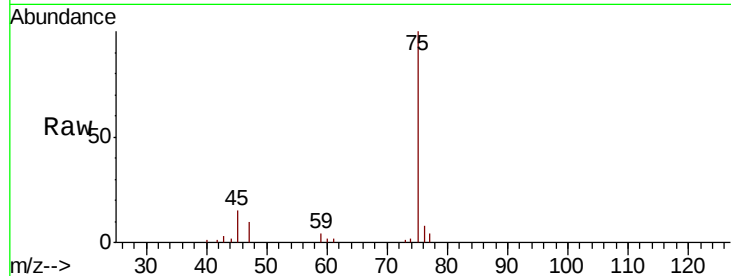




#25
 2-Butanone
 Concen: 2.142 ug/l
 RT: 7.13 min Scan# 858
 Delta R.T. -0.04 min
 Lab File: VW007514.D
 Acq: 14 Dec 2018 04:34

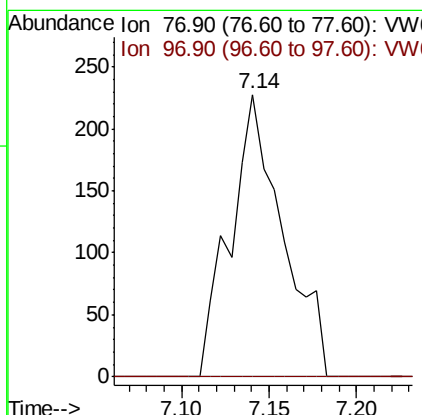
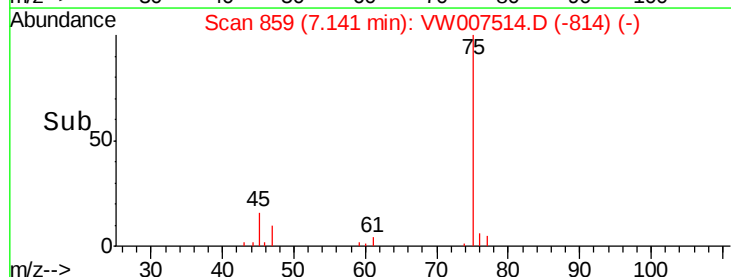
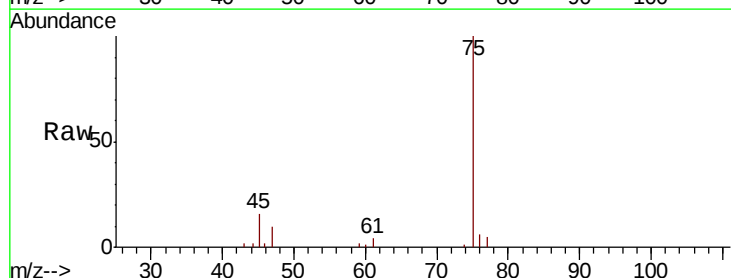
Instrument :
 MSVOA_W
 ClientSampleID :
 SB-05BRE

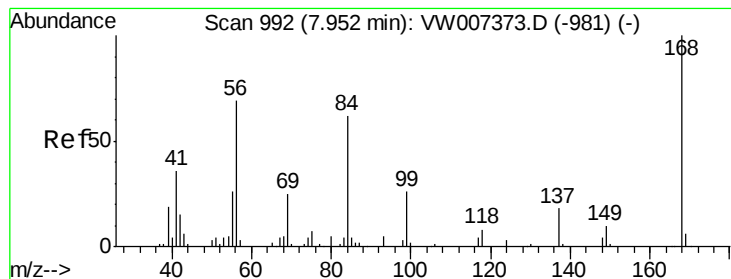
Tot Ion: 43 Resp: 207
 Ion Ratio Lower Upper
 43 100
 72 0.0 23.4 35.2#



#26
 2,2-Dichloropropane
 Concen: 1.004 ug/l
 RT: 7.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: VW007514.D
 Acq: 14 Dec 2018 04:34

Tgt Ion: 77 Resp: 477
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.6 34.8#





#31

Cyclohexane

Concen: 1.192 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.01 min

Lab File: VW007514.D

Acq: 14 Dec 2018 04:34

Instrument :

MSVOA_W

ClientSampleId :

SB-05BRE

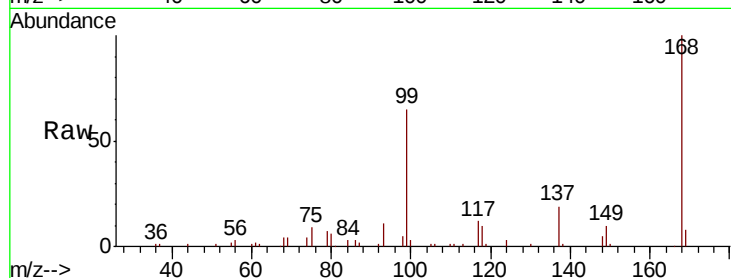
Tot Ion: 56 Resp: 785

Ion Ratio Lower Upper

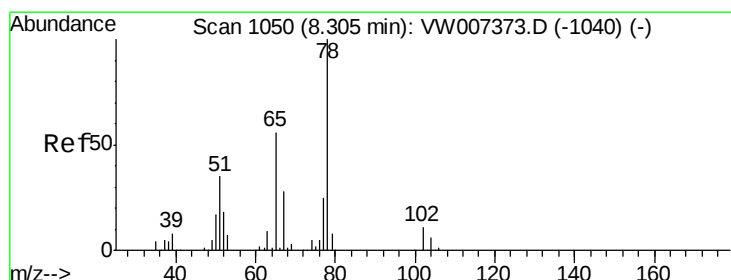
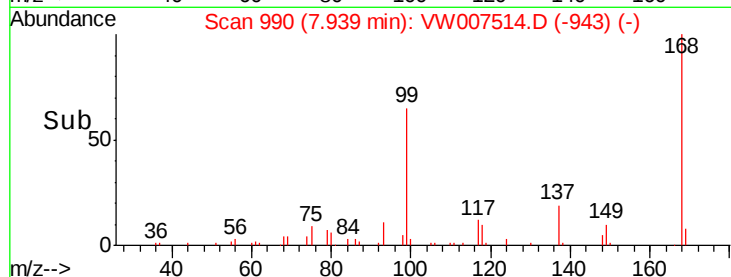
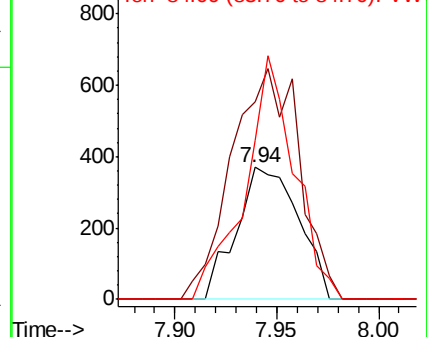
56 100

69 149.7 28.9 43.3#

84 120.8 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: 54.445 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007514.D

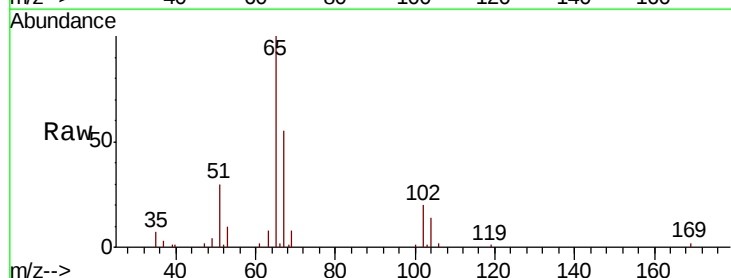
Acq: 14 Dec 2018 04:34

Tgt Ion: 65 Resp: 23075

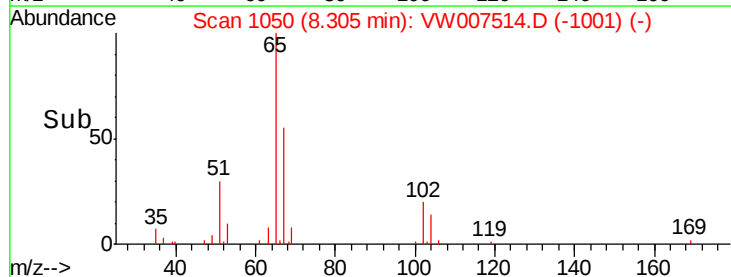
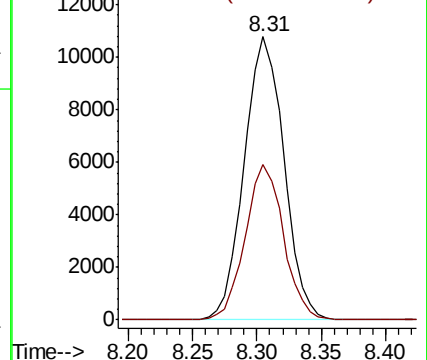
Ion Ratio Lower Upper

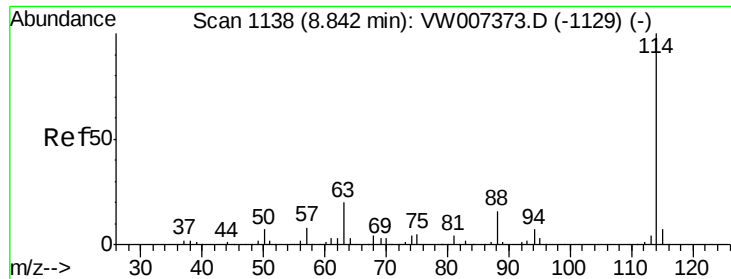
65 100

67 52.8 0.0 101.6



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

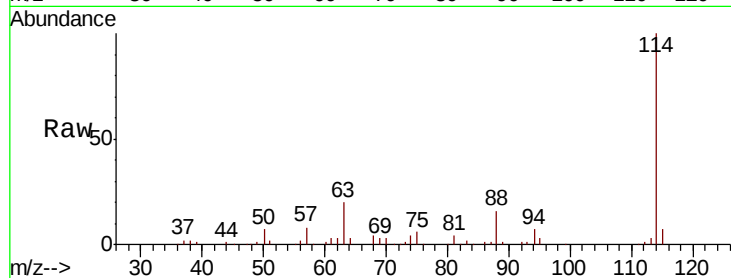




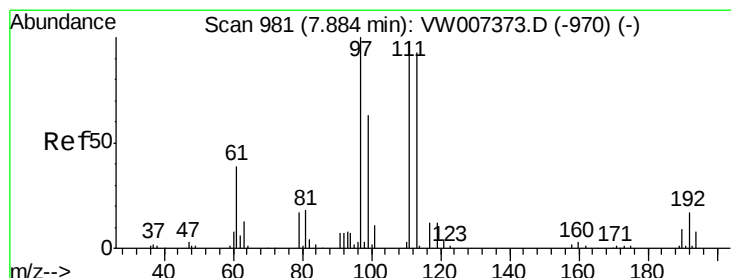
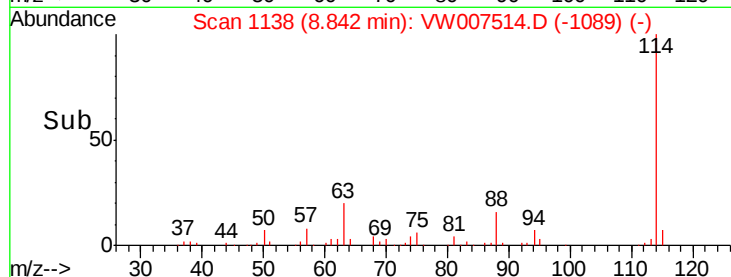
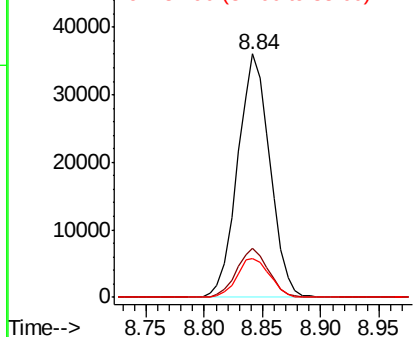
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007514.D
 Acq: 14 Dec 2018 04:34

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-05BRE

Tot Ion:114 Resp: 69510
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 39.6
 88 15.9 0.0 31.4

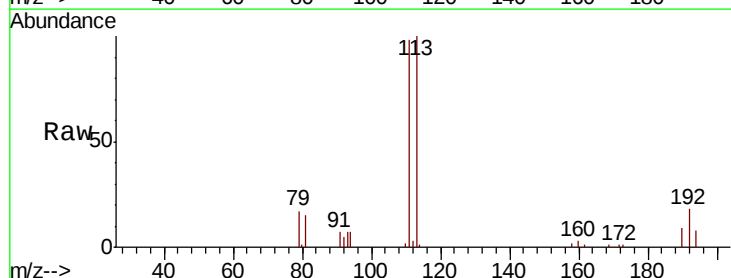


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

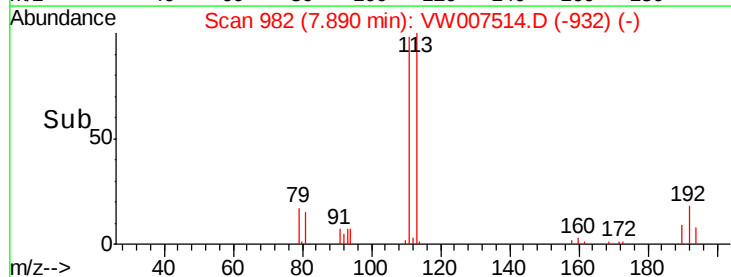
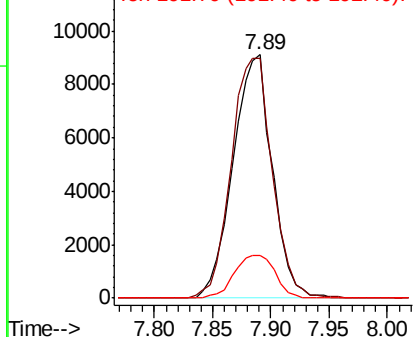


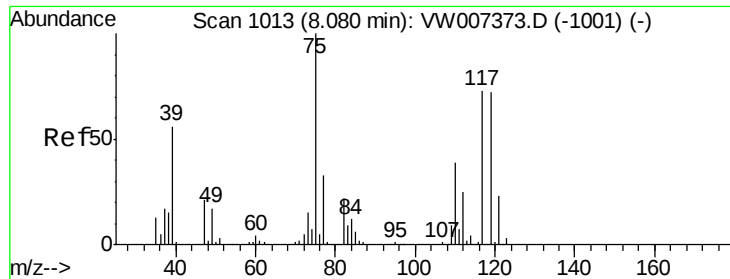
#35
 Dibromofluoromethane
 Concen: 50.738 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: VW007514.D
 Acq: 14 Dec 2018 04:34

Tgt Ion:113 Resp: 21349
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.1 121.7
 192 18.2 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

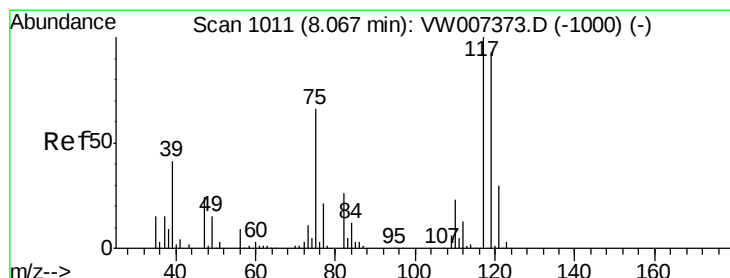
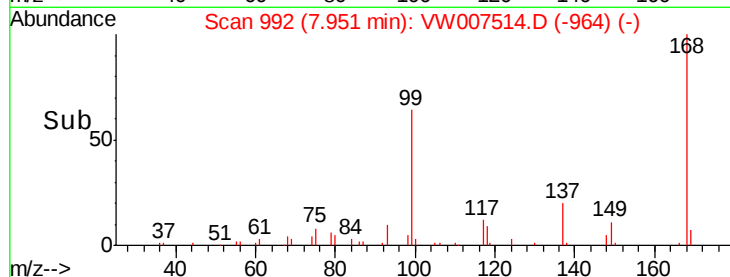
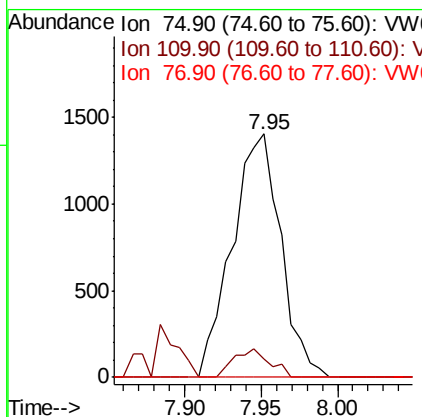
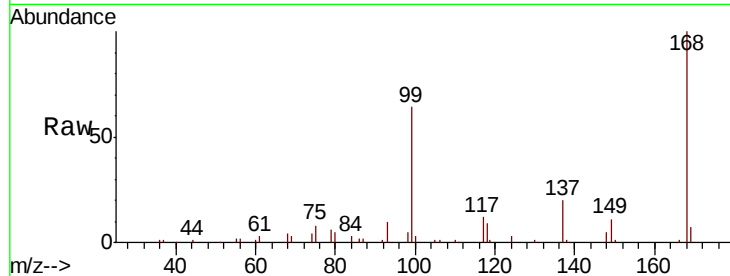




#36
 1,1-Dichloropropene
 Concen: 4.905 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007514.D
 Acq: 14 Dec 2018 04:34

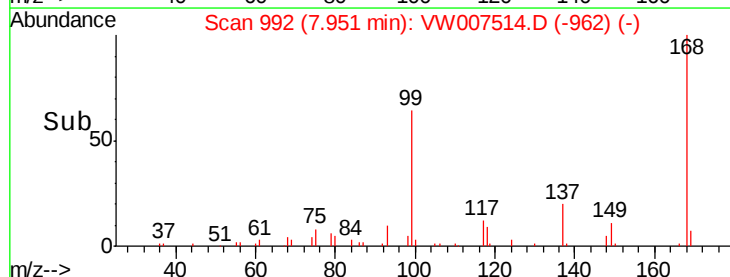
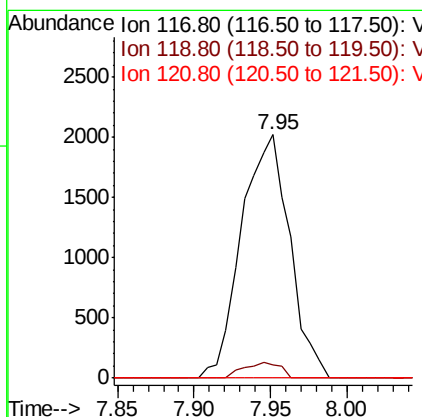
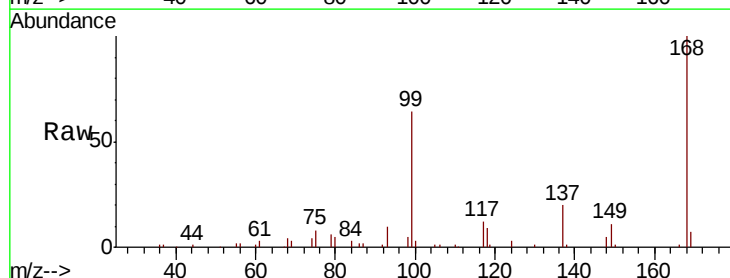
Instrument :
 MSVOA_W
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 SB-05BRE

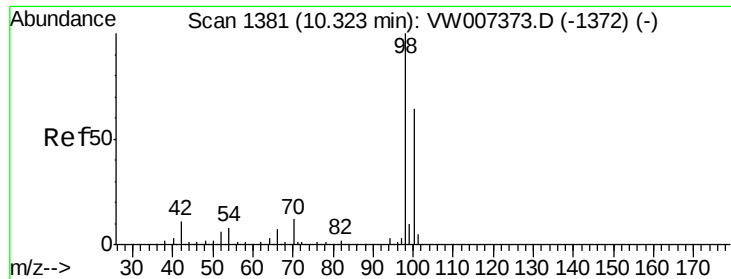
Tot Ion: 75 Resp: 3110
 Ion Ratio Lower Upper
 75 100
 110 8.5 18.5 55.5#
 77 0.0 25.6 38.4#



#38
 Carbon Tetrachloride
 Concen: 6.425 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW007514.D
 Acq: 14 Dec 2018 04:34

Tgt Ion: 117 Resp: 4433
 Ion Ratio Lower Upper
 117 100
 119 5.3 74.3 111.5#
 121 0.0 24.3 36.5#





#50

Toluene-d8

Concen: 36.559 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW007514.D

Acq: 14 Dec 2018 04:34

Instrument :

MSVOA_W

ClientSampleId :

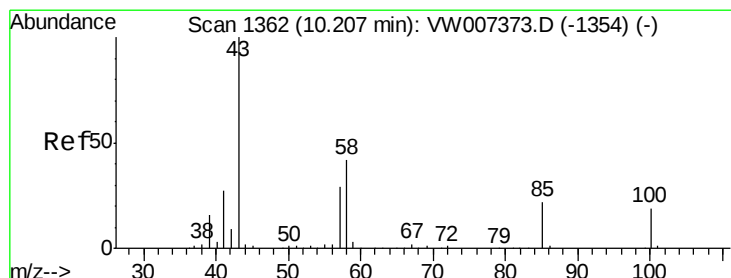
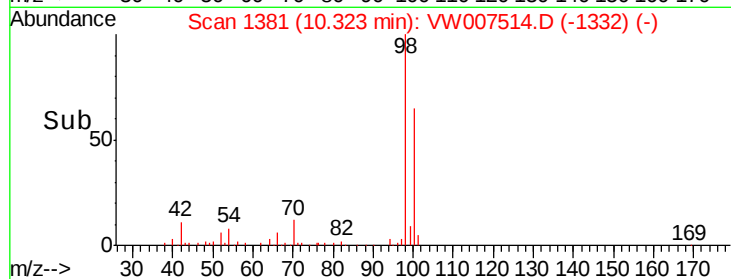
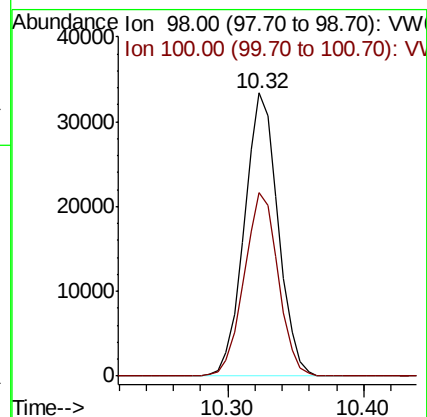
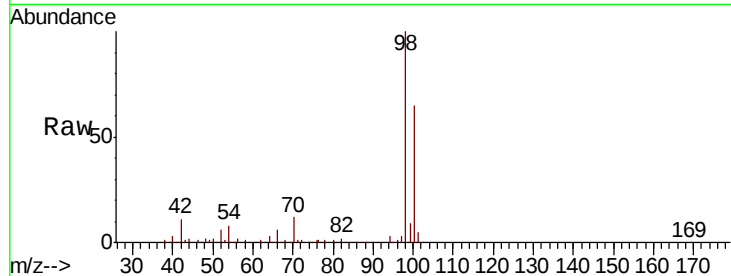
SB-05BRE

Tot Ion: 98 Resp: 57677

Ion Ratio Lower Upper

98 100

100 65.4 51.8 77.8



#51

4-Methyl-2-Pentanone

Concen: 1.445 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. -0.00 min

Lab File: VW007514.D

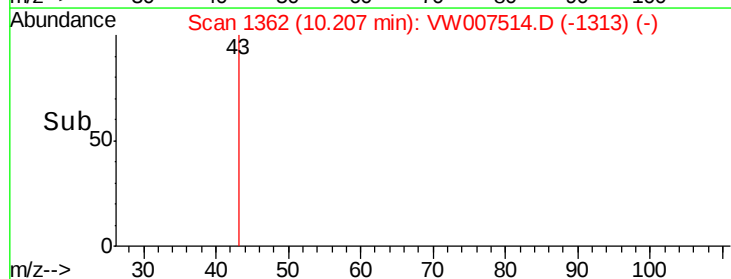
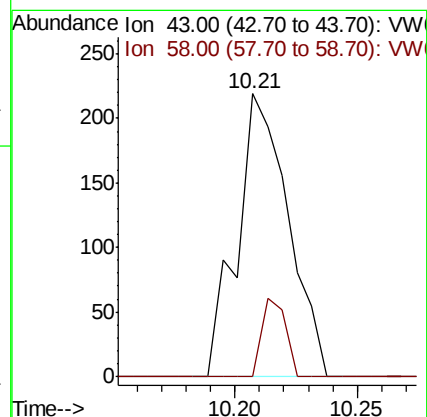
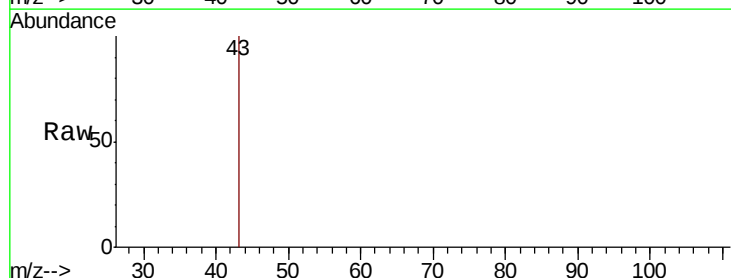
Acq: 14 Dec 2018 04:34

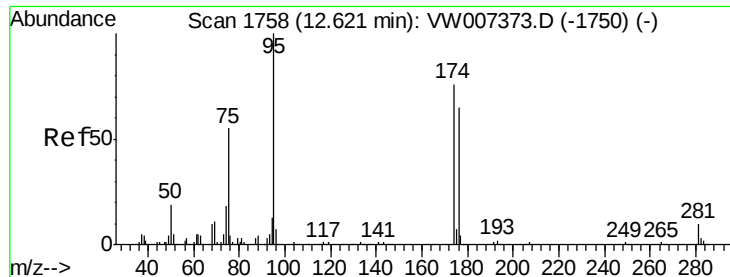
Tgt Ion: 43 Resp: 318

Ion Ratio Lower Upper

43 100

58 12.9 33.1 49.7#

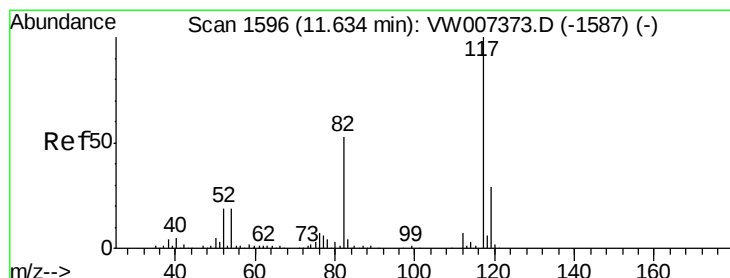
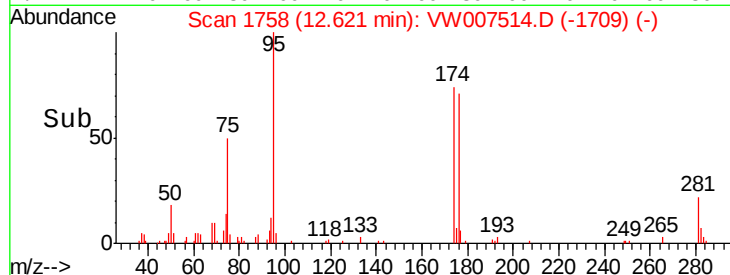
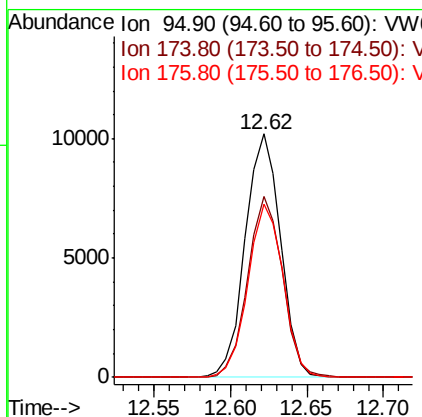
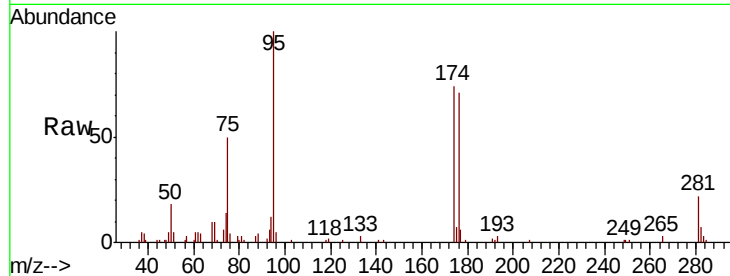




#62
4-Bromofluorobenzene
Concen: 28.235 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007514.D
Acq: 14 Dec 2018 04:34

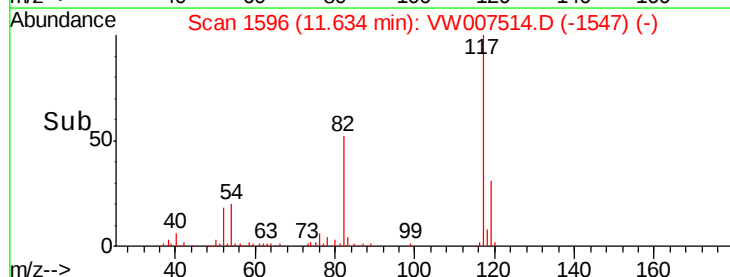
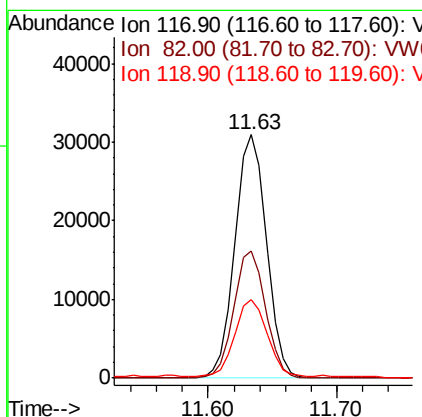
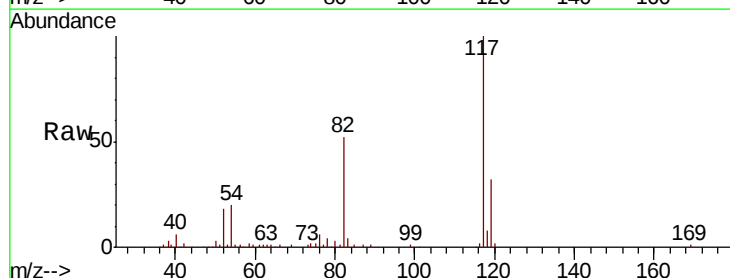
Instrument :
MSVOA_W
ClientSampleId :
SB-05BRE

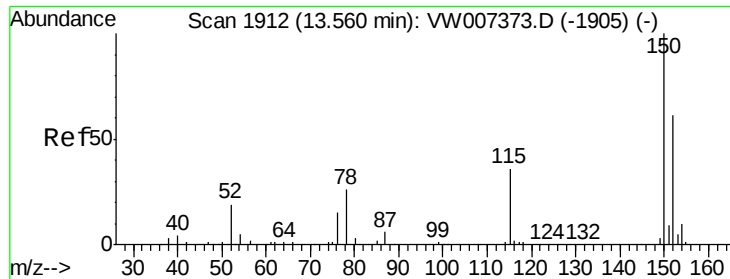
Tot Ion: 95 Resp: 16378
Ion Ratio Lower Upper
95 100
174 73.4 0.0 147.2
176 71.2 0.0 138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007514.D
Acq: 14 Dec 2018 04:34

Tgt Ion: 117 Resp: 52712
Ion Ratio Lower Upper
117 100
82 52.5 42.3 63.5
119 31.5 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: VW007514.D

Acq: 14 Dec 2018 04:34

Instrument :

MSVOA_W

ClientSampleId :

SB-05BRE

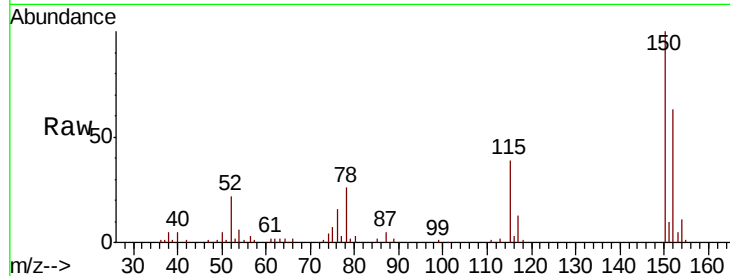
Tot Ion:152 Resp: 16086

Ion Ratio Lower Upper

152 100

115 61.7 31.4 94.2

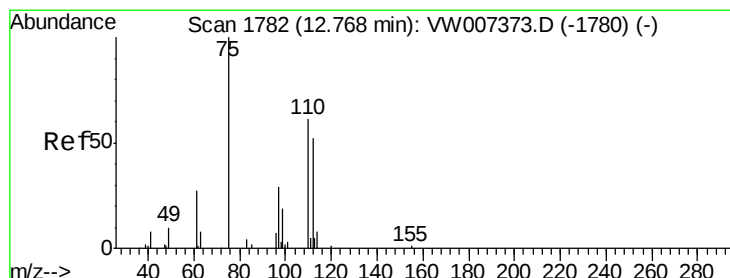
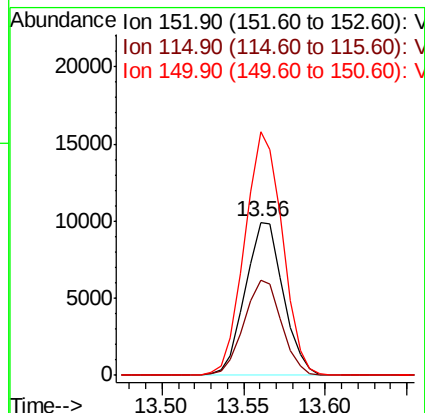
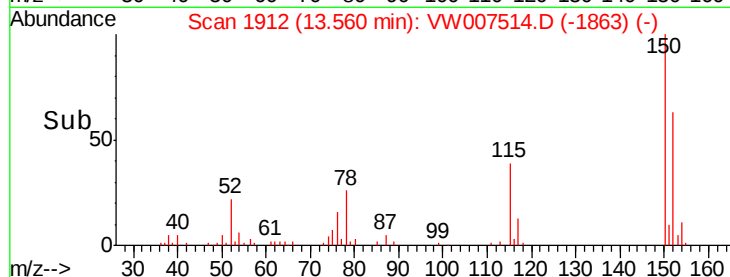
150 157.8 0.0 358.4



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



#76

1,2,3-Trichloropropane

Concen: 61.885 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW007514.D

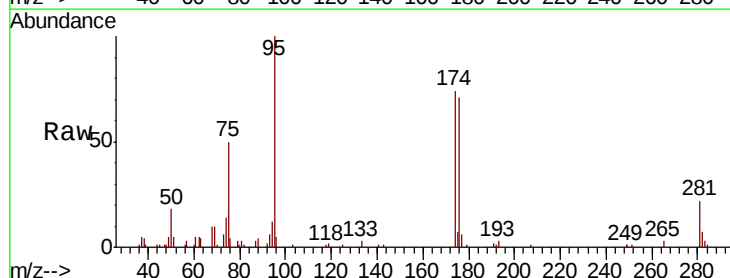
Acq: 14 Dec 2018 04:34

Tgt Ion: 75 Resp: 8208

Ion Ratio Lower Upper

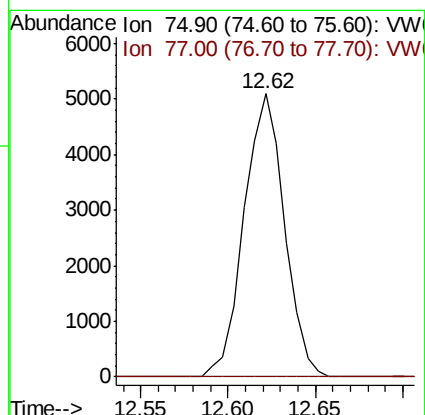
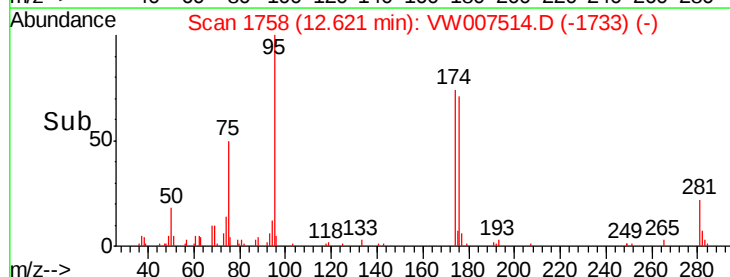
75 100

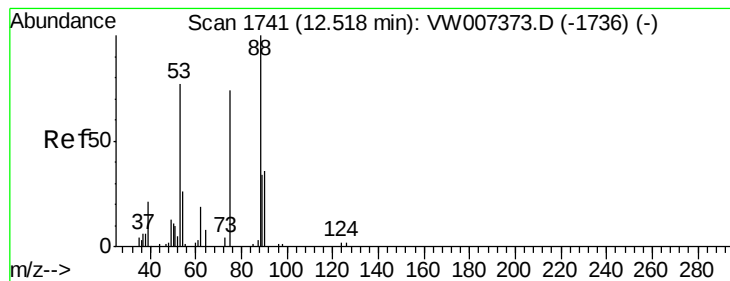
77 0.0 166.9 500.8#



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: 136.704 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007514.D

Acq: 14 Dec 2018 04:34

Instrument :

MSVOA_W

ClientSampleId :

SB-05BRE

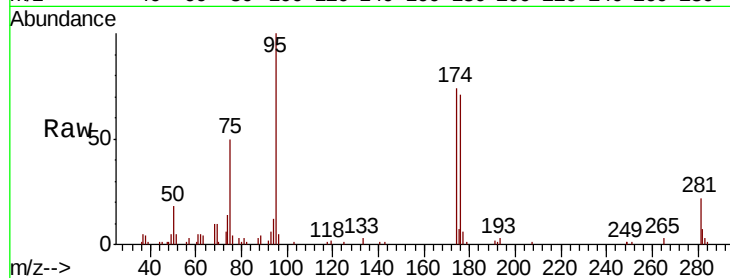
Tot Ion: 75 Resp: 8208

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

