

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW102718\
 Data File : VW006387.D
 Acq On : 26 Oct 2018 04:18
 Operator : SY/AP
 Sample : J5610-08RE
 Misc : 5.83G/5ML/MSVOA W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-4(8-10)

Quant Time: Oct 26 07:24:42 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

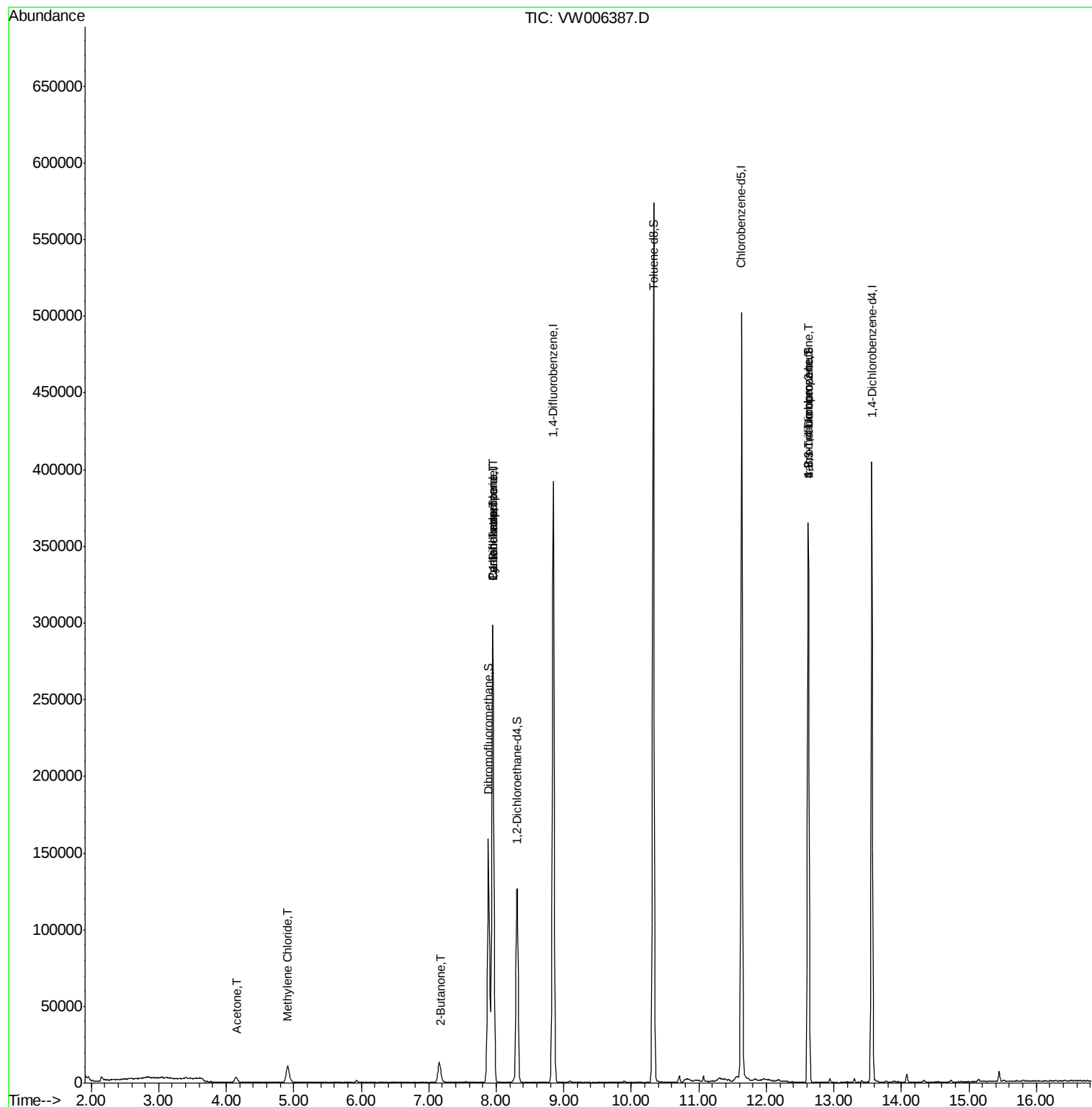
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	244801	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	352258	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	285534	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	114565	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	102575	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.08%	
35) Dibromofluoromethane	7.88	113	107033	51.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.84%	
50) Toluene-d8	10.33	98	394950	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
62) 4-Bromofluorobenzene	12.62	95	109301	36.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.50%	
Target Compounds						
					Qvalue	
16) Acetone	4.15	43	6653	2.837	ug/l	96
20) Methylene Chloride	4.90	84	9984	3.123	ug/l #	77
25) 2-Butanone	7.18	43	2015	3.675	ug/l	93
31) Cyclohexane	7.95	56	4335	1.167	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	15489	4.770	ug/l #	48
38) Carbon Tetrachloride	7.95	117	21456	6.028	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	55088	62.954	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	55088	150.485	ug/l #	10

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

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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: VW006387.D

Acq: 26 Oct 2018 04:18

Instrument :

MSVOA_W

ClientSampleId :

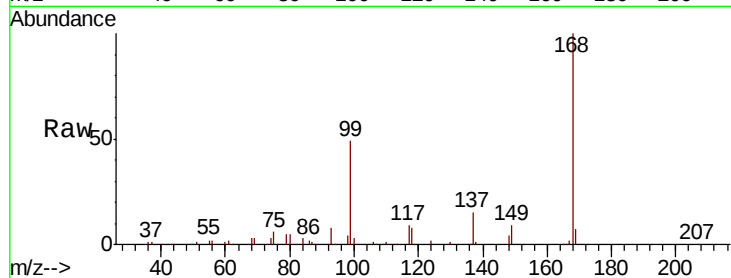
SB-4(8-10)

Tot Ion:168 Resp: 244801

Ion Ratio Lower Upper

168 100

99 48.5 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

120000

100000

80000

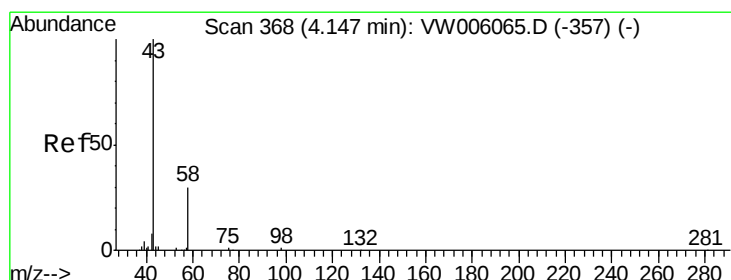
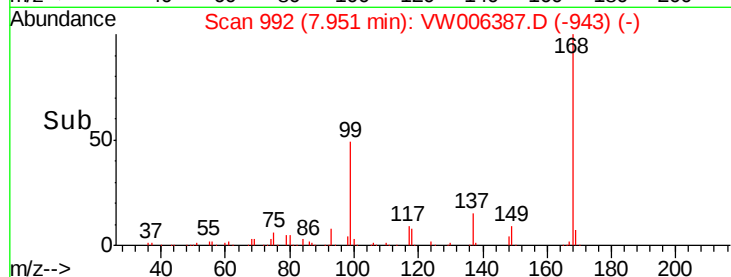
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 2.837 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.00 min

Lab File: VW006387.D

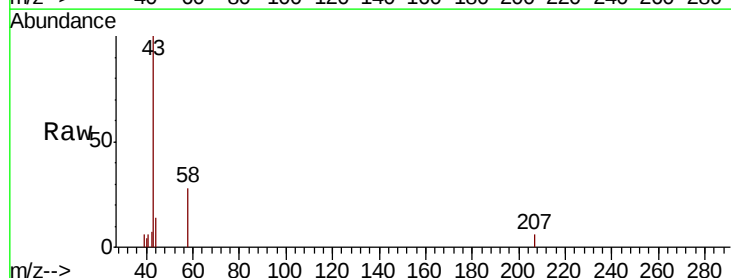
Acq: 26 Oct 2018 04:18

Tgt Ion: 43 Resp: 6653

Ion Ratio Lower Upper

43 100

58 28.0 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

2500

2000

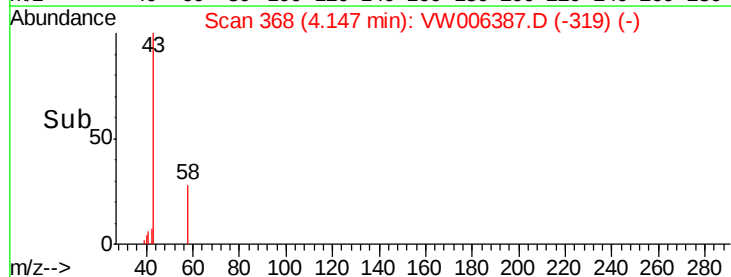
1500

1000

500

0

Time--> 4.10 4.20

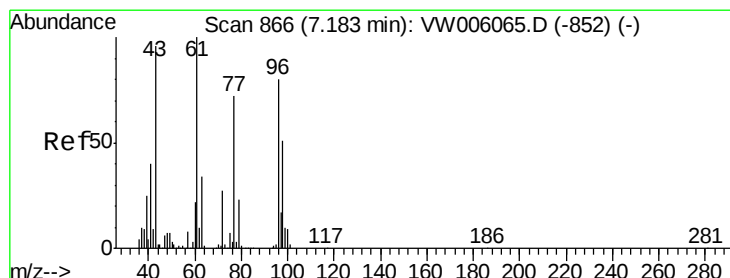
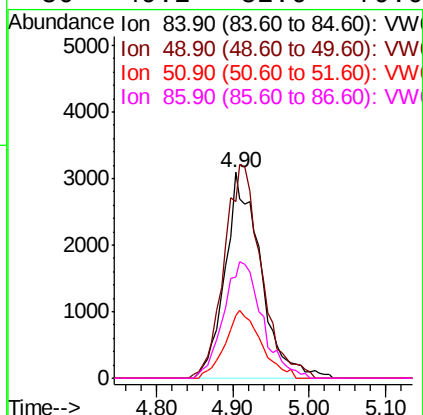
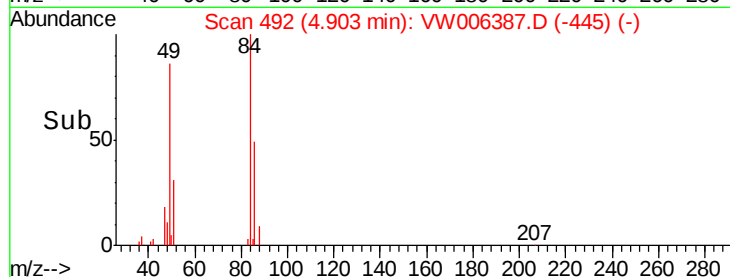
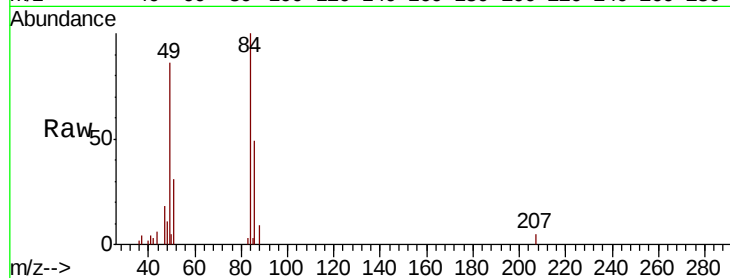




#20
Methvlene Chloride
Concen: 3.123 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW006387.D
Acq: 26 Oct 2018 04:18

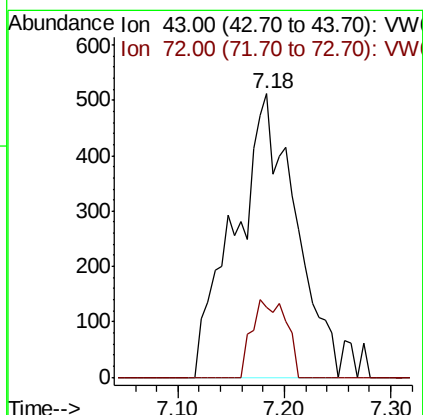
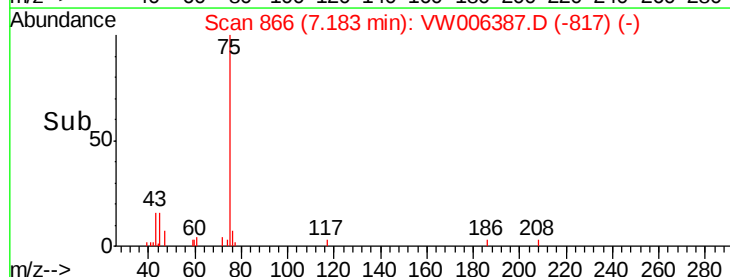
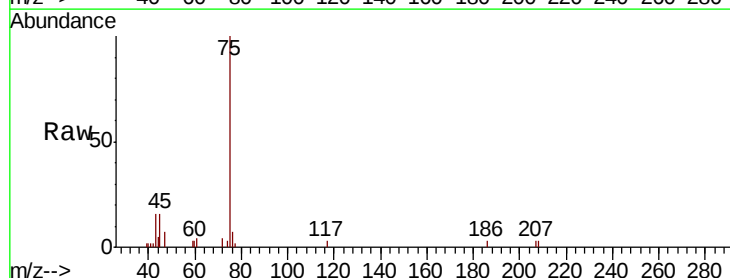
Instrument :
MSVOA_W
ClientSampleId :
SB-4(8-10)

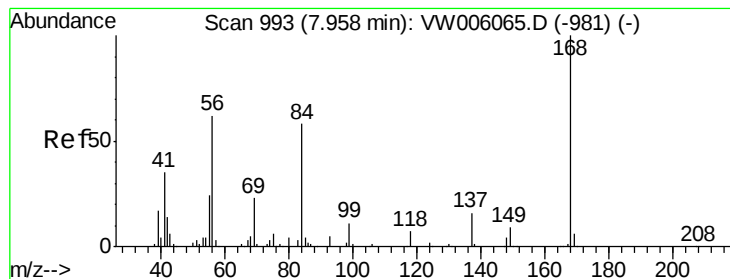
Tot Ion: 84 Resp: 9984
Ion Ratio Lower Upper
84 100
49 86.0 93.6 140.4#
51 30.5 29.0 43.4
86 49.2 52.6 79.0#



#25
2-Butanone
Concen: 3.675 ug/l
RT: 7.18 min Scan# 866
Delta R.T. -0.00 min
Lab File: VW006387.D
Acq: 26 Oct 2018 04:18

Tgt Ion: 43 Resp: 2015
Ion Ratio Lower Upper
43 100
72 24.6 22.8 34.2





#31

Cyclohexane

Concen: 1.167 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006387.D

Acq: 26 Oct 2018 04:18

Instrument :

MSVOA_W

ClientSampleId :

SB-4(8-10)

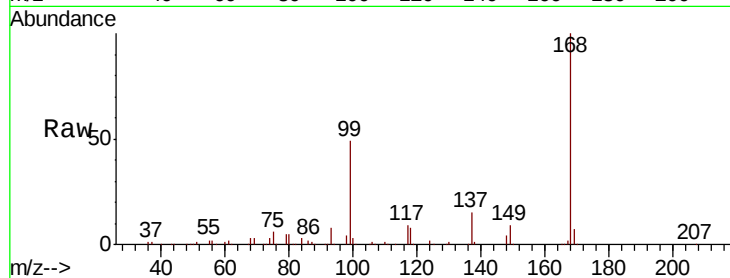
Tot Ion: 56 Resp: 4335

Ion Ratio Lower Upper

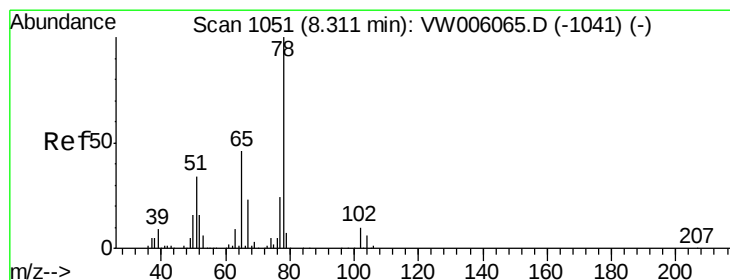
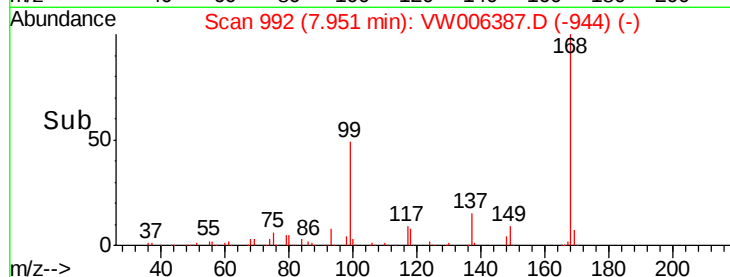
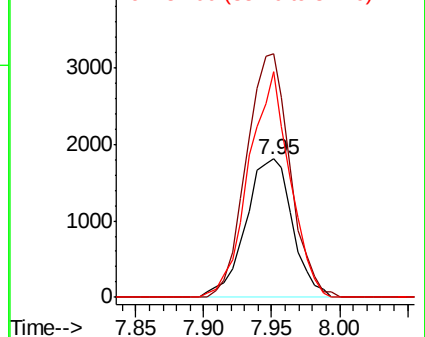
56 100

69 176.1 29.4 44.0#

84 163.1 74.0 111.0#



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: 50.541 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW006387.D

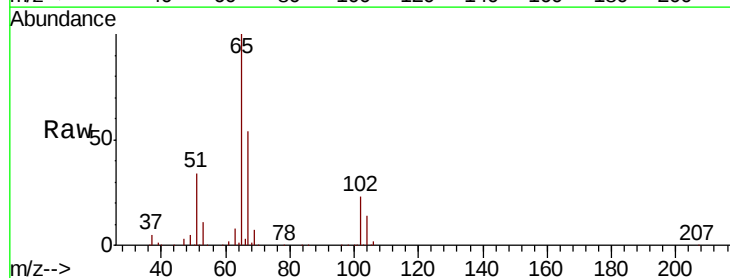
Acq: 26 Oct 2018 04:18

Tgt Ion: 65 Resp: 102575

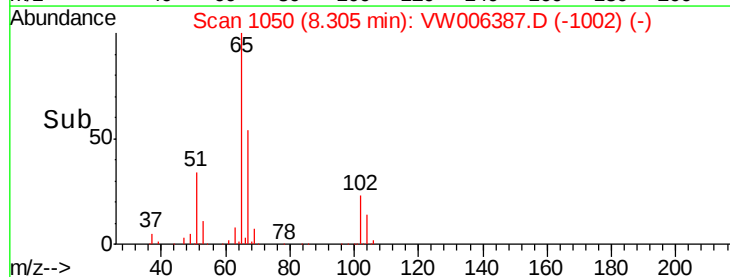
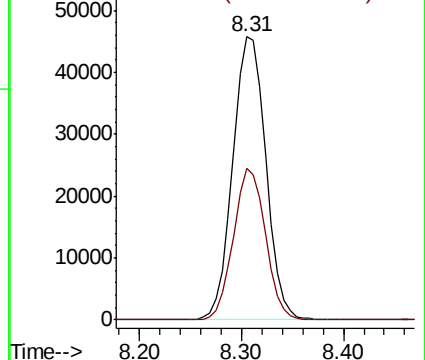
Ion Ratio Lower Upper

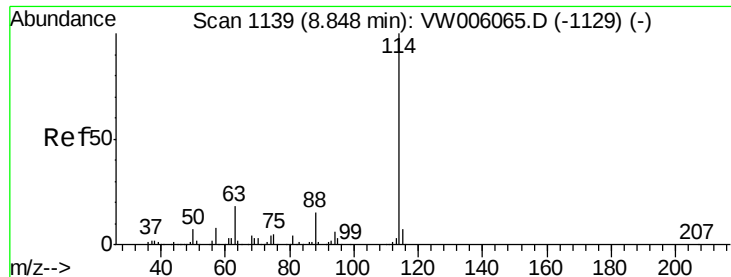
65 100

67 51.8 0.0 101.0



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

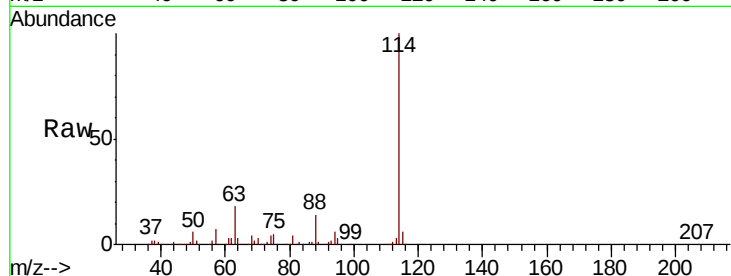




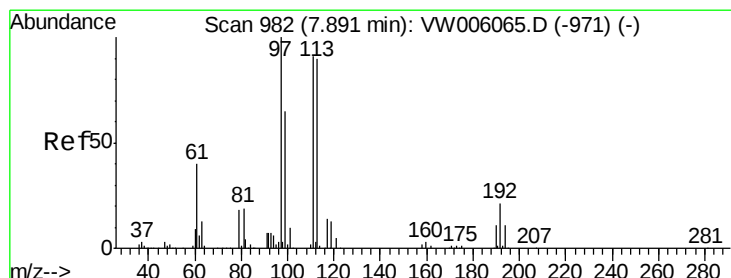
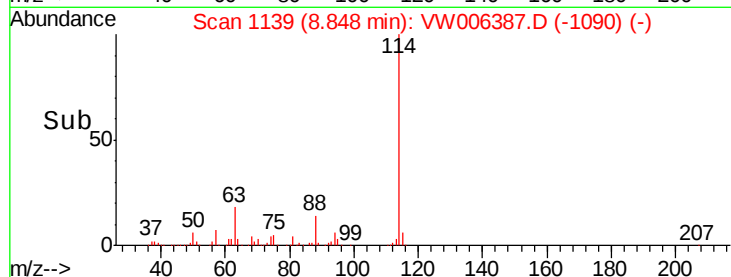
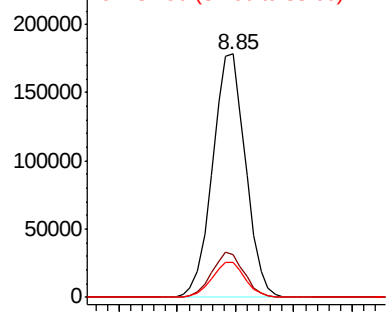
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006387.D
 Acq: 26 Oct 2018 04:18

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-4(8-10)

Tot Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	36.8
88	14.4	0.0	29.0

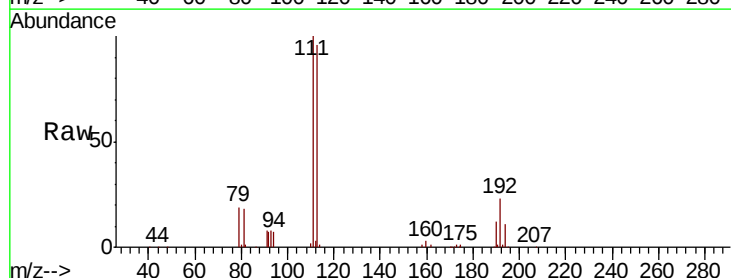


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

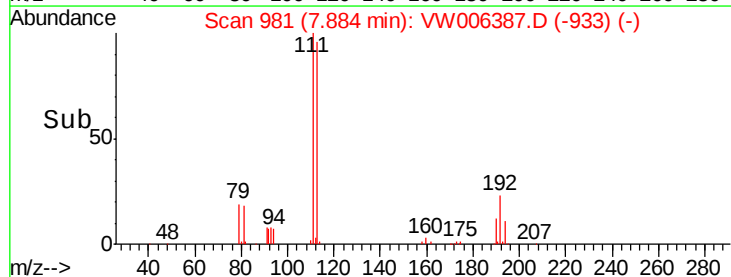
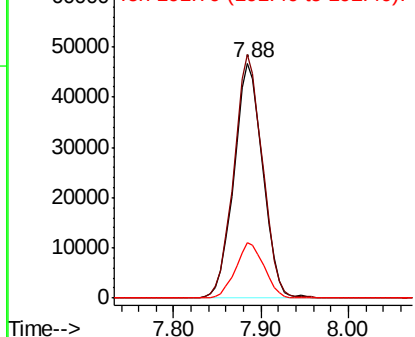


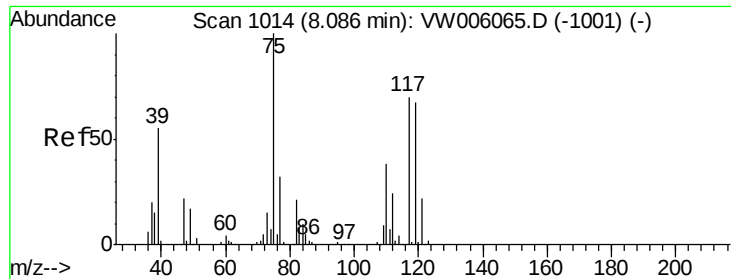
#35
 Dibromofluoromethane
 Concen: 51.422 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006387.D
 Acq: 26 Oct 2018 04:18

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.1	81.4	122.0
192	23.3	18.7	28.1



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

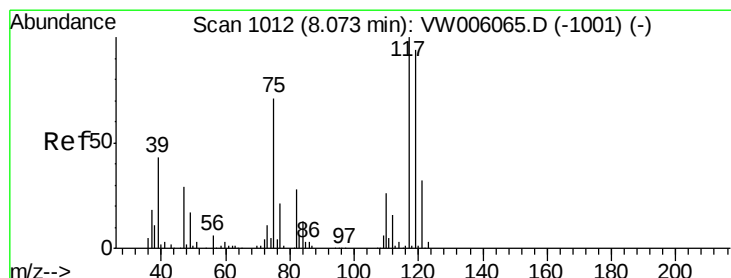
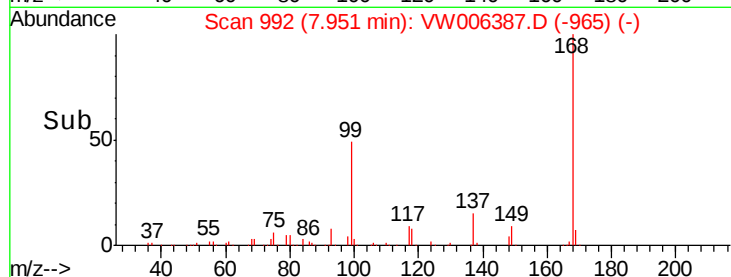
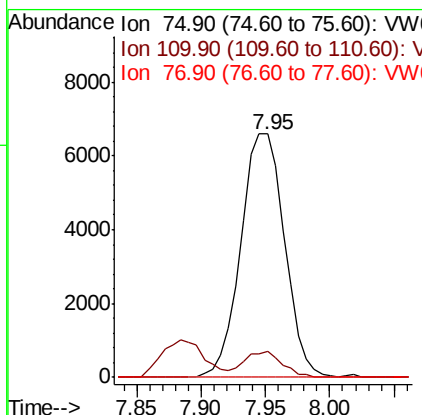
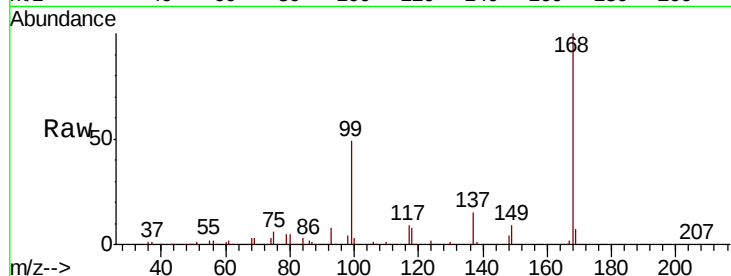




#36
 1,1-Dichloropropene
 Concen: 4.770 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006387.D
 Acq: 26 Oct 2018 04:18

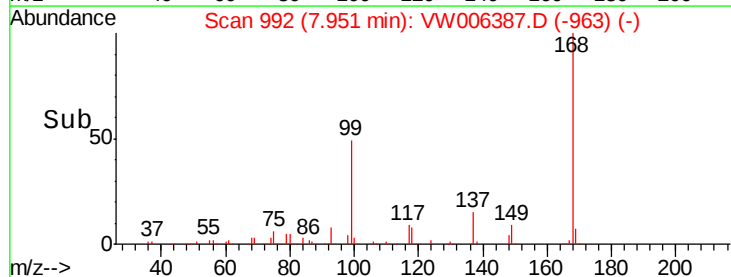
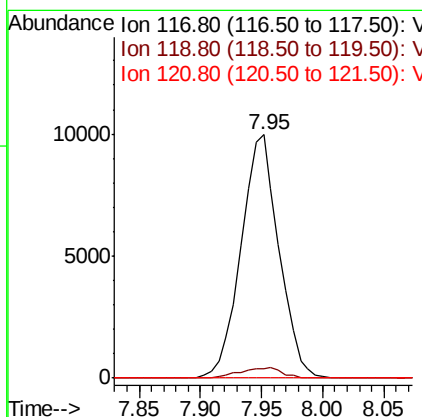
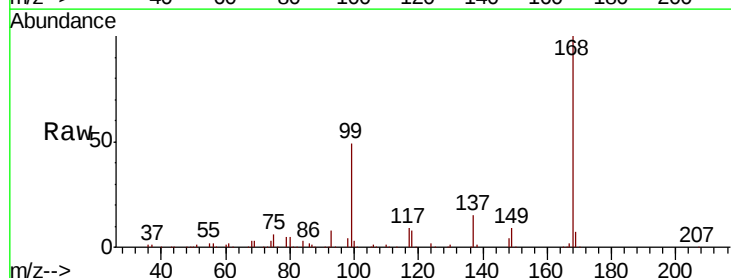
Instrument :
 MSVOA_W
 ClientSampleID :
 SB-4(8-10)

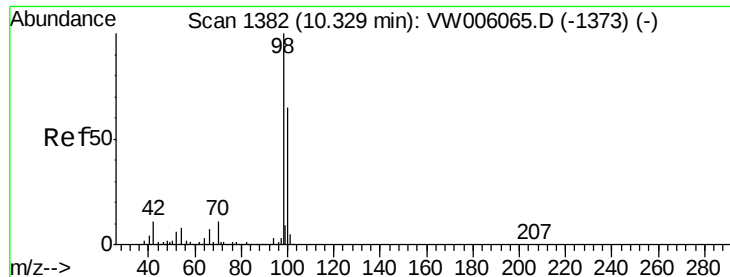
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.3	19.1	57.1#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 6.028 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006387.D
 Acq: 26 Oct 2018 04:18

Tgt Ion	Ratio	Lower	Upper
117	100		
119	3.9	75.2	112.8#
121	0.0	25.3	37.9#





#50

Toluene-d8

Concen: 49.874 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW006387.D

Acq: 26 Oct 2018 04:18

Instrument :

MSVOA_W

ClientSampleId :

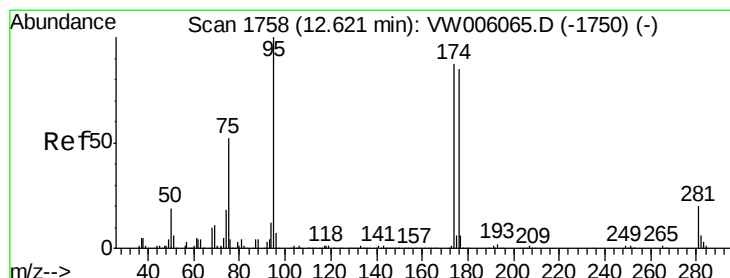
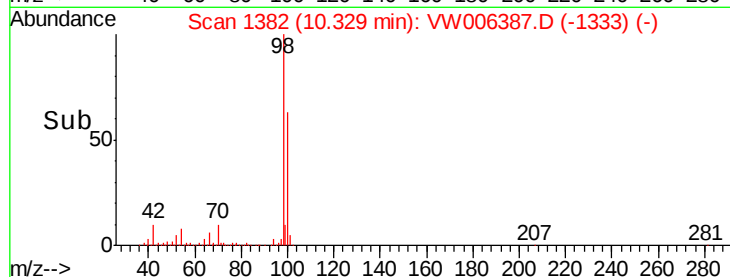
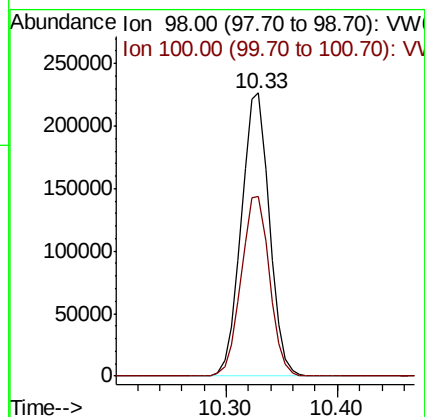
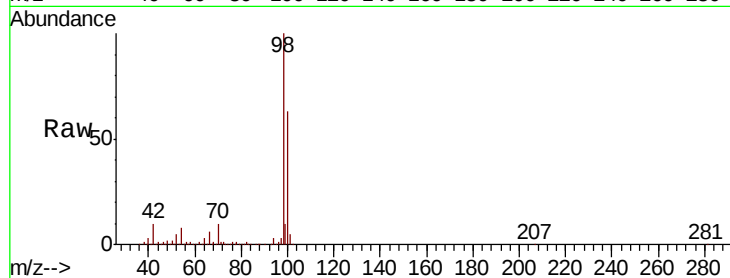
SB-4(8-10)

Tot Ion: 98 Resp: 394950

Ion Ratio Lower Upper

98 100

100 64.3 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 36.749 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006387.D

Acq: 26 Oct 2018 04:18

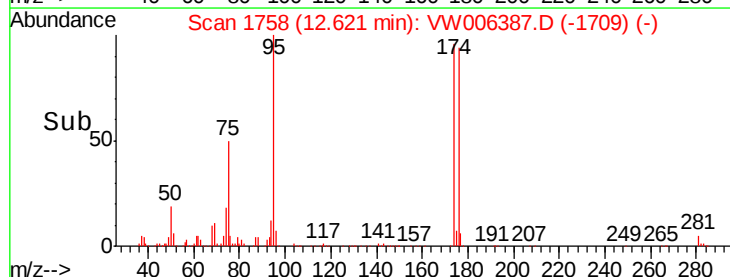
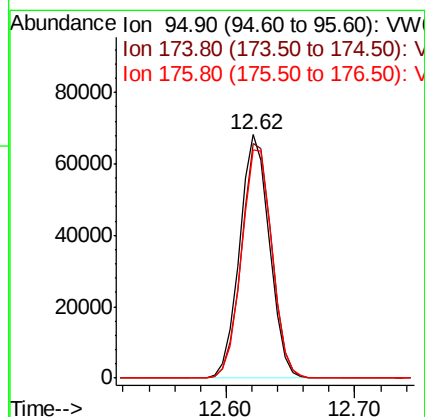
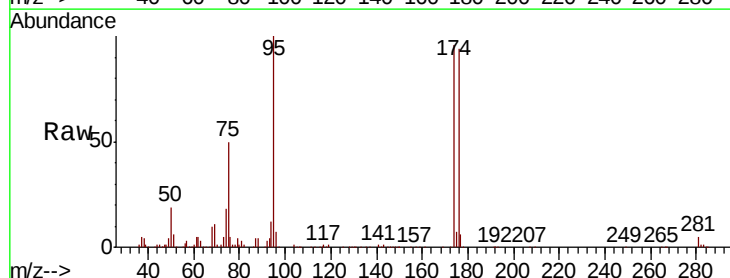
Tgt Ion: 95 Resp: 109301

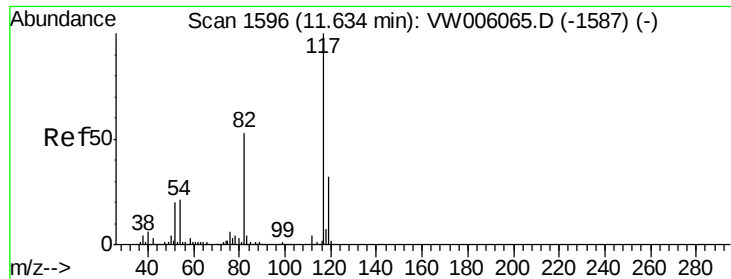
Ion Ratio Lower Upper

95 100

174 97.3 0.0 186.0

176 95.5 0.0 181.6

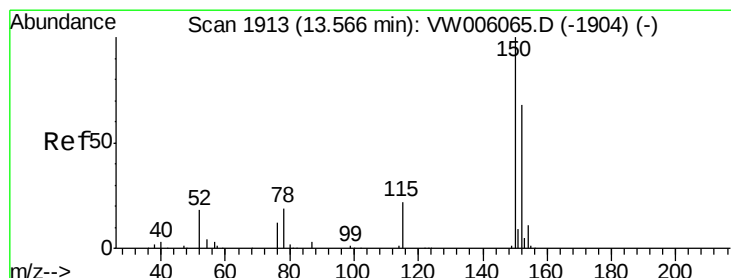
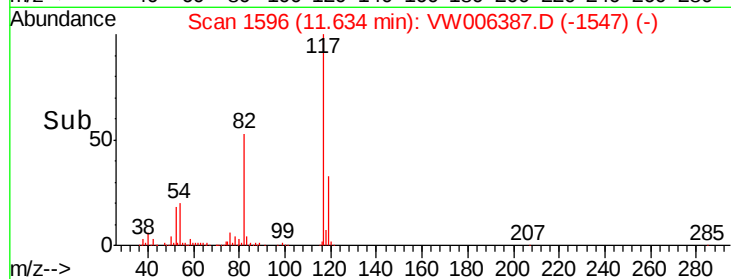
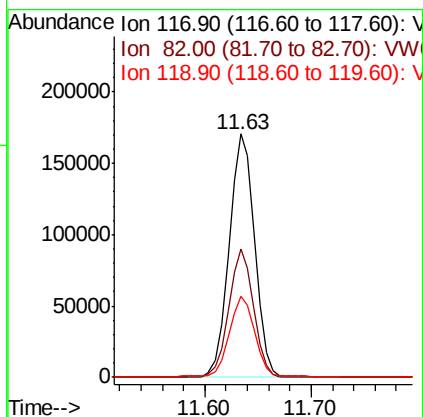
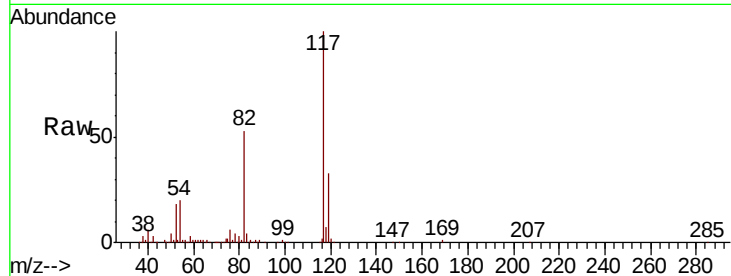




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006387.D
Acq: 26 Oct 2018 04:18

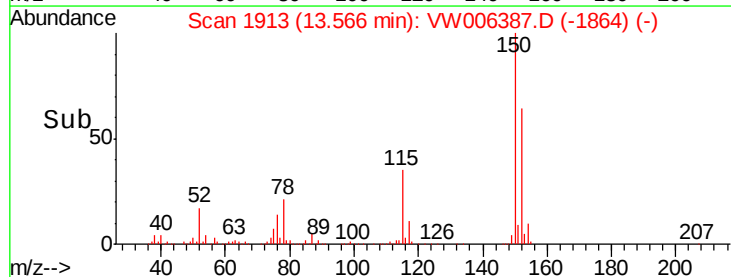
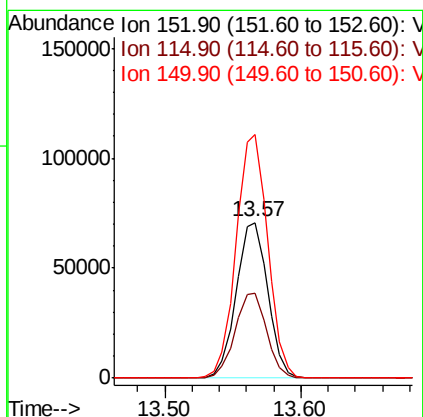
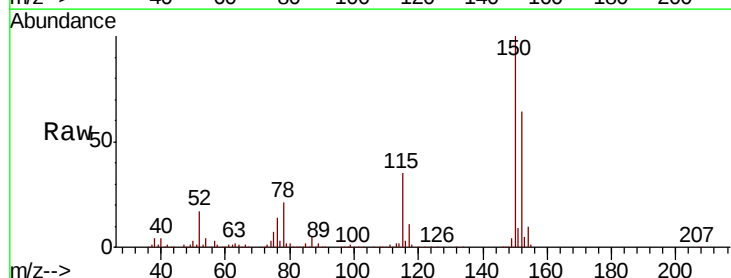
Instrument :
MSVOA_W
ClientSampleId :
SB-4(8-10)

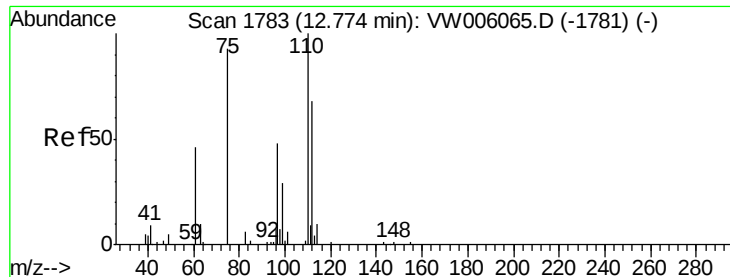
Tot Ion:117 Resp: 285534
Ion Ratio Lower Upper
117 100
82 52.8 42.1 63.1
119 32.7 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006387.D
Acq: 26 Oct 2018 04:18

Tgt Ion:152 Resp: 114565
Ion Ratio Lower Upper
152 100
115 54.7 27.8 83.3
150 156.3 0.0 349.2





#76

1,2,3-Trichloropropane

Concen: 62.954 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006387.D

Acq: 26 Oct 2018 04:18

Instrument :

MSVOA_W

ClientSampleId :

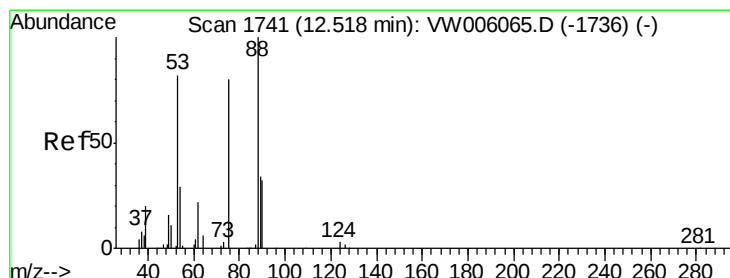
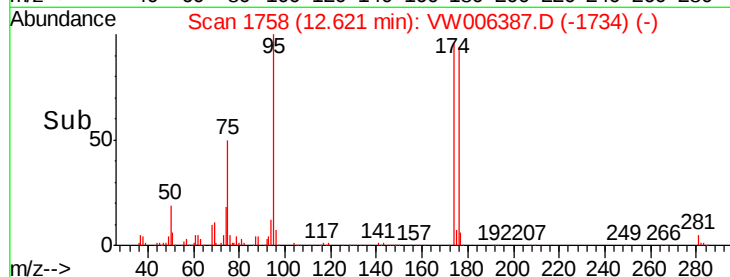
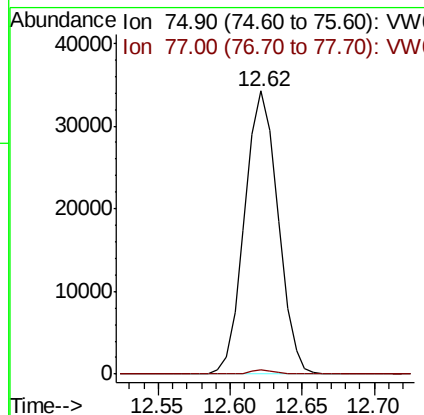
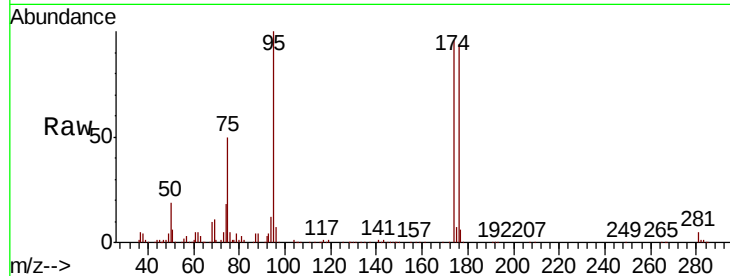
SB-4(8-10)

Tot Ion: 75 Resp: 55088

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 150.485 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006387.D

Acq: 26 Oct 2018 04:18

Tgt Ion: 75 Resp: 55088

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 37.5 56.3#

