

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101618\
 Data File : VW006104.D
 Acq On : 17 Oct 2018 04:22
 Operator : VA/AP
 Sample : J5539-01
 Misc : 7.4G/5ML/MSVOA_W/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-6-0.3-2FT

Quant Time: Oct 17 07:21:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	200283	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	301512	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	257312	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	119076	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	95692	57.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.26%	
35) Dibromofluoromethane	7.88	113	89555	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
50) Toluene-d8	10.33	98	322759	47.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.24%	
62) 4-Bromofluorobenzene	12.62	95	108069	42.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.90%	

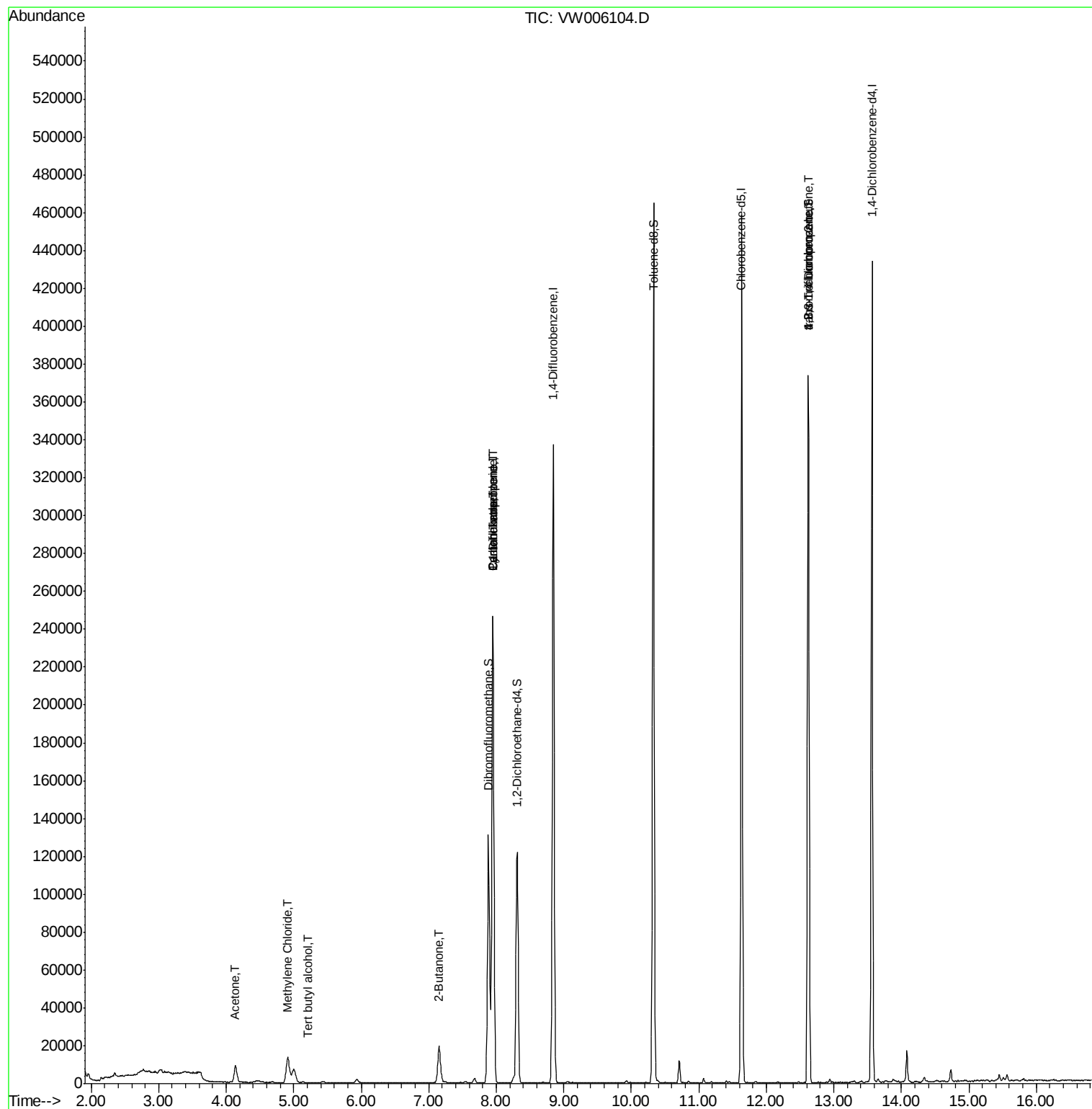
Target Compounds						Qvalue
11) Tert butyl alcohol	5.21	59	200	1.791	ug/l #	71
16) Acetone	4.13	43	17002	42.278	ug/l	100
20) Methylene Chloride	4.92	84	12027	5.393	ug/l	94
25) 2-Butanone	7.15	43	1104	2.461	ug/l #	46
31) Cyclohexane	7.95	56	3668	1.207	ug/l #	15
36) 1,1-Dichloropropene	7.95	75	13323	4.794	ug/l #	47
38) Carbon Tetrachloride	7.95	117	18710	6.141	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	54909	60.372	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	54909	144.314	ug/l #	10

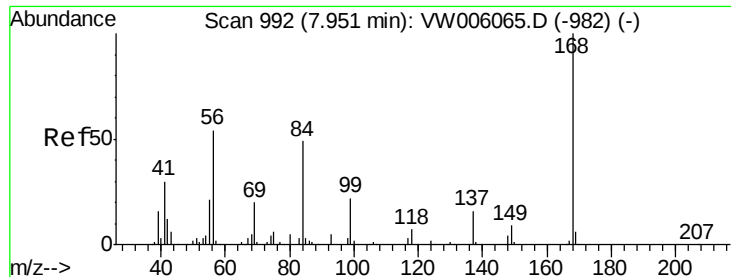
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101618\
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SB-6-0.3-2FT

Quant Time: Oct 17 07:21:30 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 16 05:36:33 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: VW006104.D

Acq: 17 Oct 2018 04:22

Instrument :

MSVOA_W

ClientSampled :

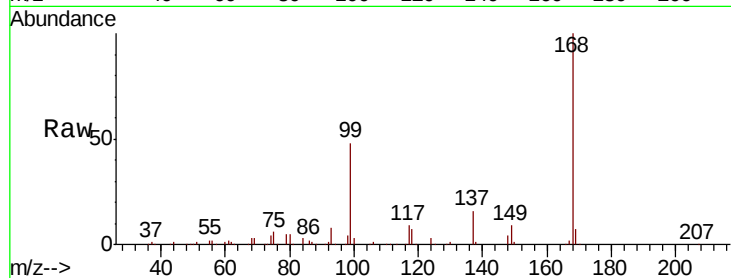
SB-6-0.3-2FT

Tgt Ion: 168 Resp: 200283

Ion Ratio Lower Upper

168 100

99 48.3 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

100000

80000

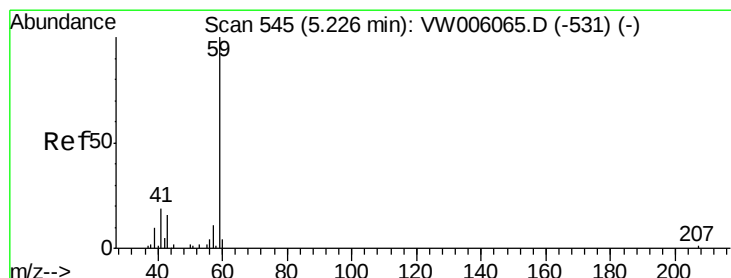
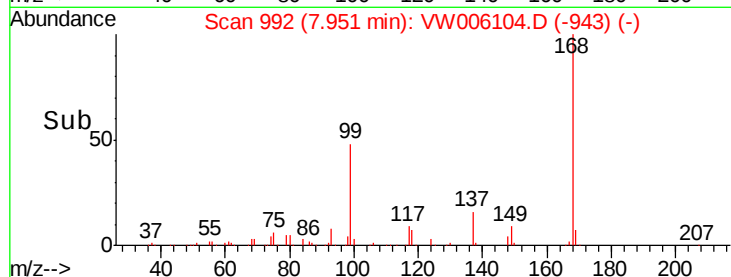
60000

40000

20000

0

Time-->



#11

Tert butyl alcohol

Concen: 1.791 ug/l

RT: 5.21 min Scan# 543

Delta R.T. -0.01 min

Lab File: VW006104.D

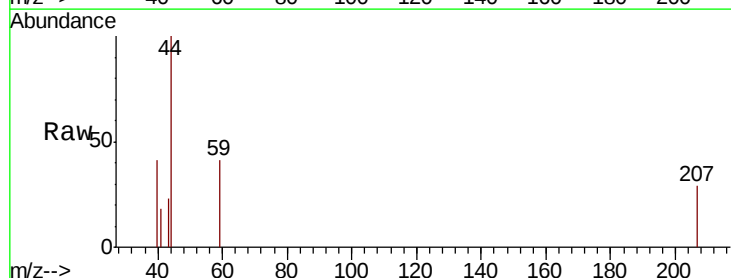
Acq: 17 Oct 2018 04:22

Tgt Ion: 59 Resp: 200

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

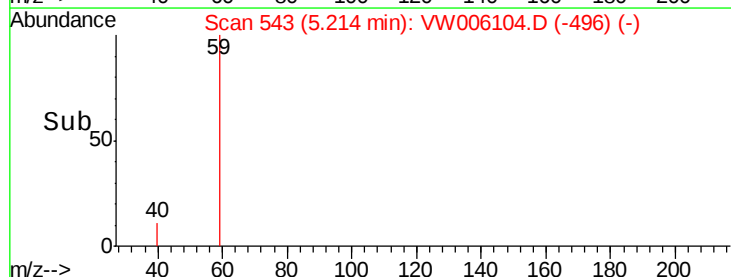
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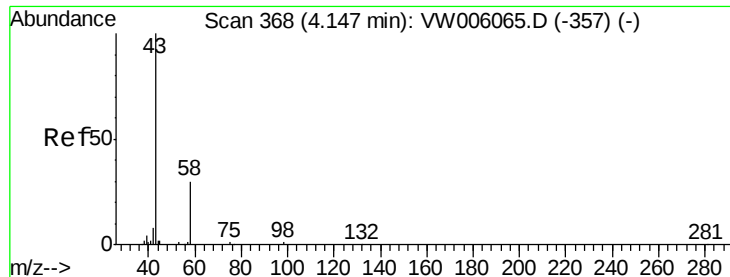
100

50

0

Time-->





#16

Acetone

Concen: 42.278 ug/l

RT: 4.13 min Scan# 366

Delta R.T. -0.01 min

Lab File: VW006104.D

Acq: 17 Oct 2018 04:22

Instrument :

MSVOA_W

ClientSampleId :

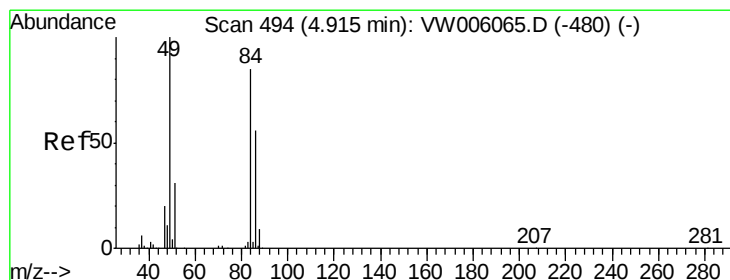
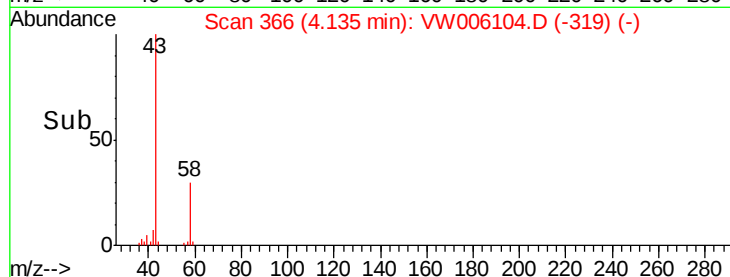
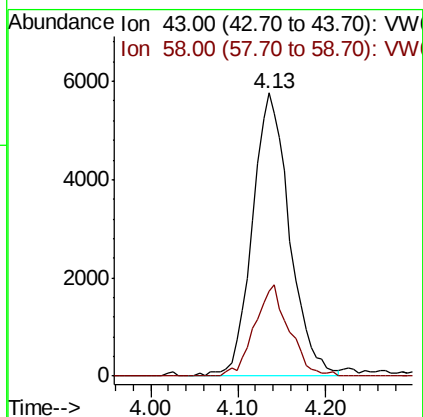
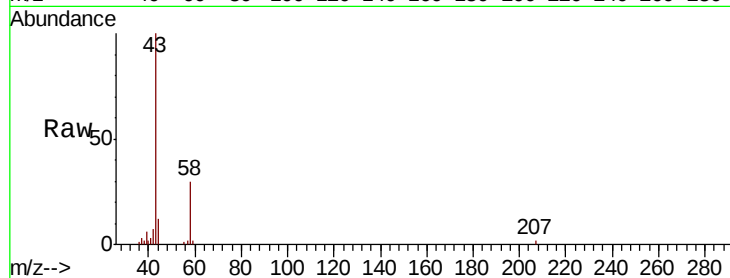
SB-6-0.3-2FT

Tgt Ion: 43 Resp: 17002

Ion Ratio Lower Upper

43 100

58 30.0 24.0 36.0



#20

Methylene Chloride

Concen: 5.393 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW006104.D

Acq: 17 Oct 2018 04:22

Tgt Ion: 84 Resp: 12027

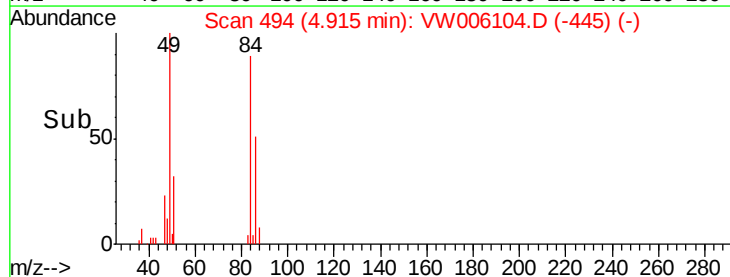
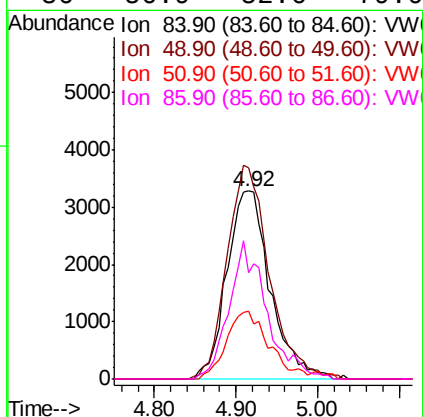
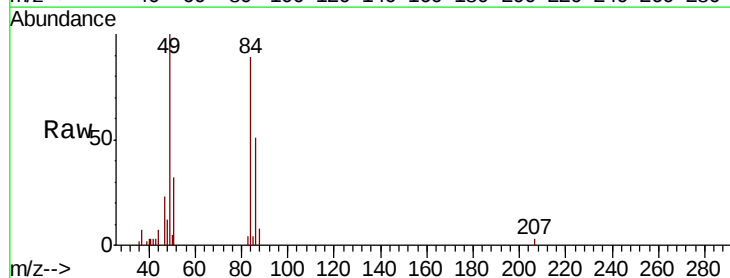
Ion Ratio Lower Upper

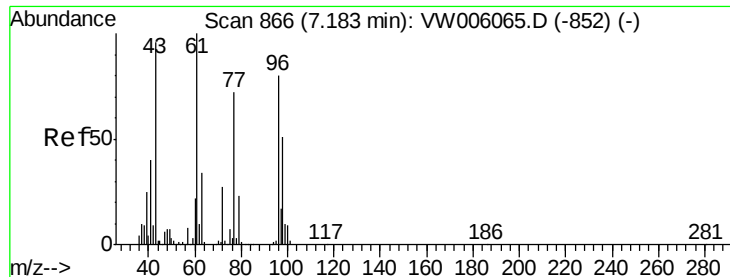
84 100

49 112.5 93.6 140.4

51 36.0 29.0 43.4

86 56.9 52.6 79.0





#25

2-Butanone

Concen: 2.461 ug/l

RT: 7.15 min Scan# 861

Delta R.T. -0.03 min

Lab File: VW006104.D

Acq: 17 Oct 2018 04:22

Instrument :

MSVOA_W

ClientSampleId :

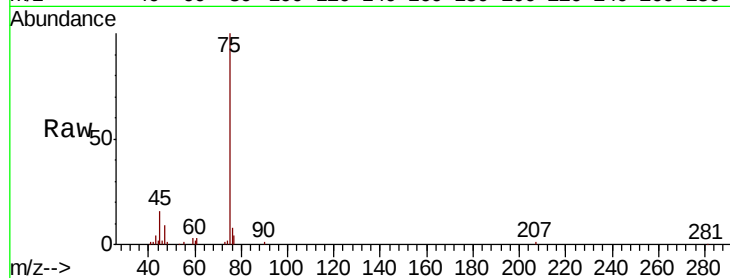
SB-6-0.3-2FT

Tgt Ion: 43 Resp: 1104

Ion Ratio Lower Upper

43 100

72 0.0 22.8 34.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

500

400

300

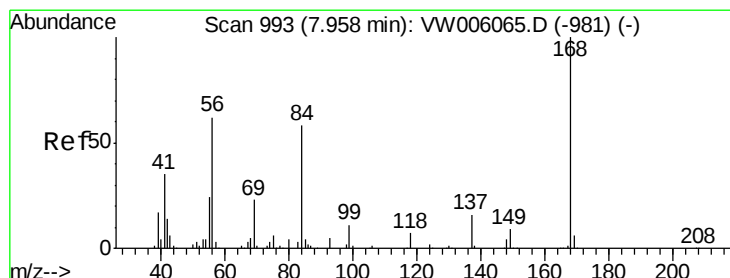
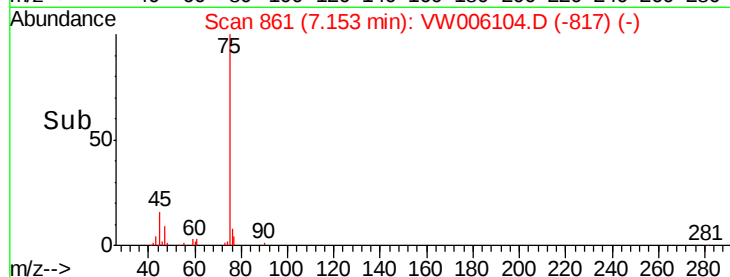
200

100

0

7.10 7.15 7.20

Time-->



#31

Cyclohexane

Concen: 1.207 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006104.D

Acq: 17 Oct 2018 04:22

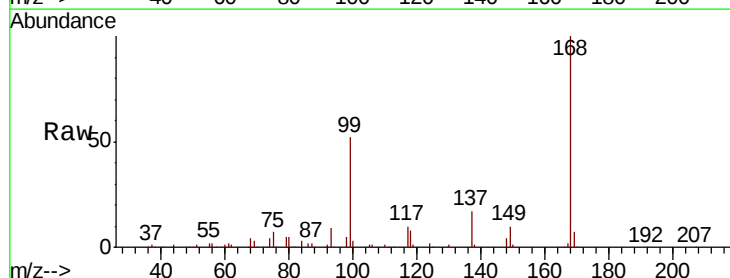
Tgt Ion: 56 Resp: 3668

Ion Ratio Lower Upper

56 100

69 154.6 29.4 44.0#

84 130.4 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

3000

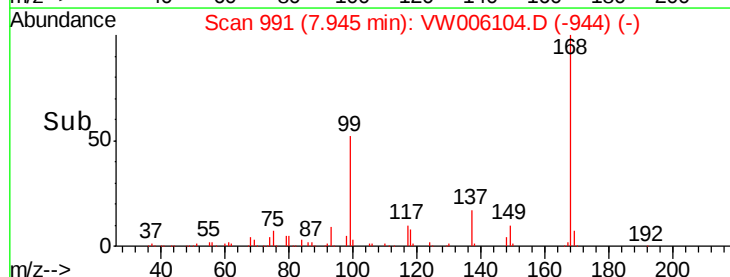
2000

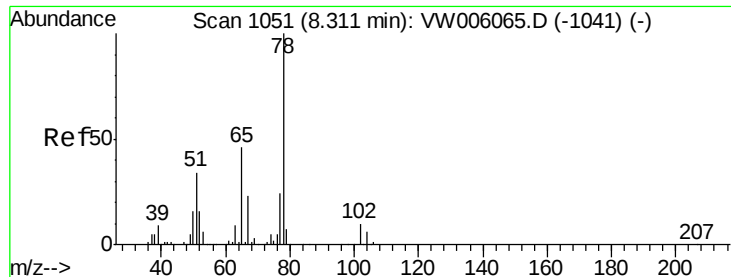
1000

0

7.85 7.90 7.95 8.00

Time-->

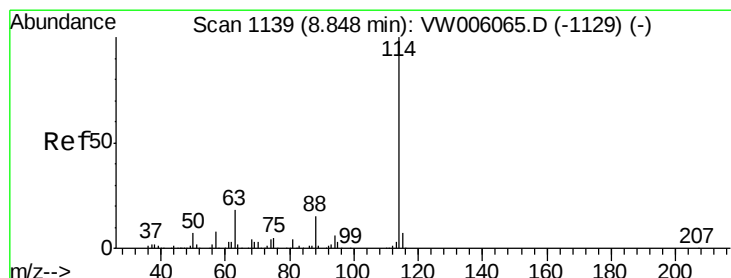
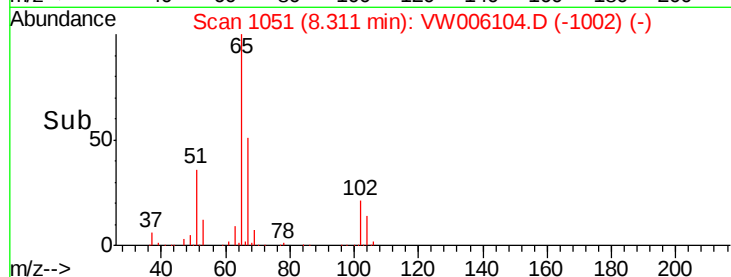
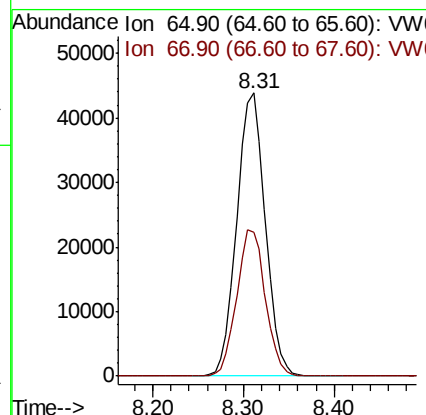
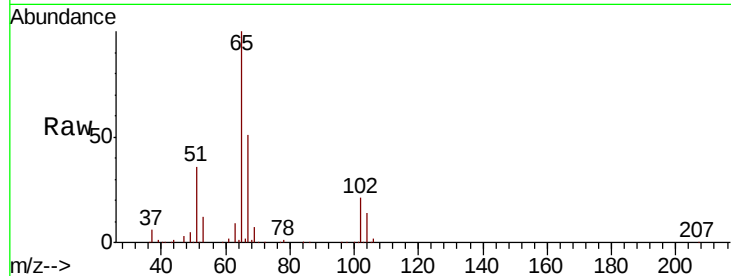




#33
 1,2-Dichloroethane-d4
 Concen: 57.630 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW006104.D
 Acq: 17 Oct 2018 04:22

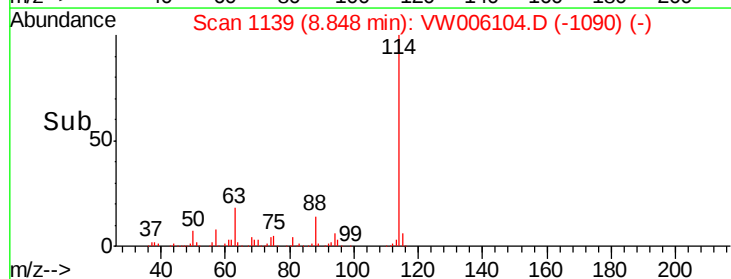
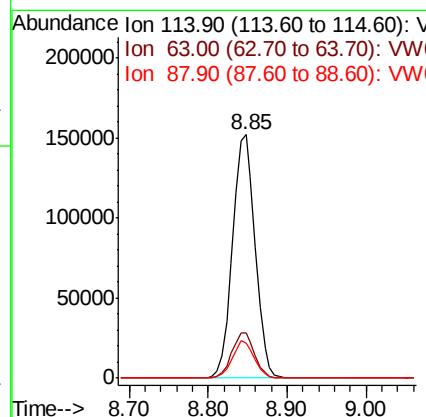
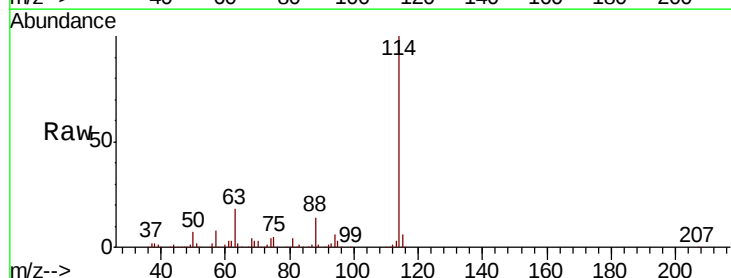
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-6-0.3-2FT

Tgt Ion: 65 Resp: 95692
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006104.D
 Acq: 17 Oct 2018 04:22

Tgt Ion: 114 Resp: 301512
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 36.8
 88 14.3 0.0 29.0

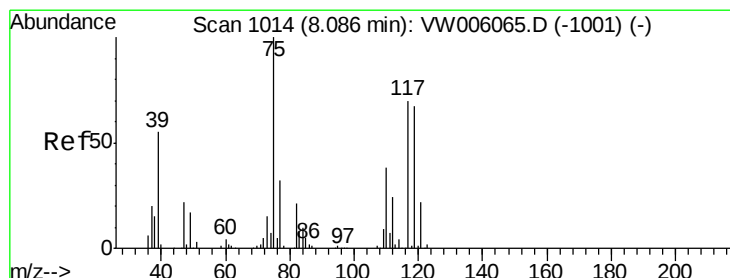
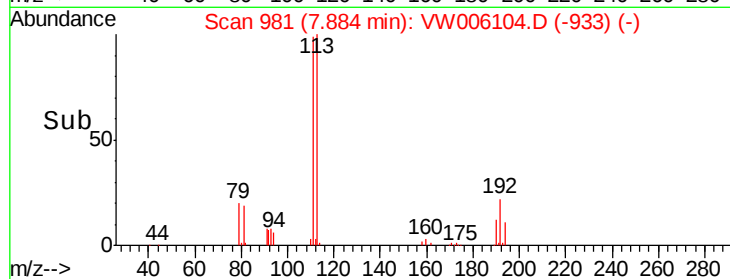
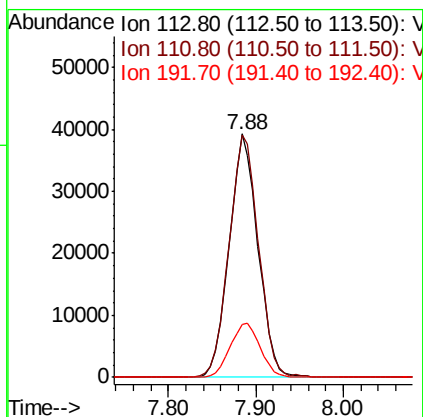
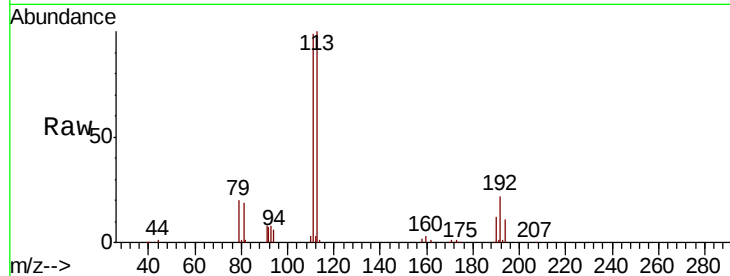




#35
 Dibromofluoromethane
 Concen: 50.266 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW006104.D
 Acq: 17 Oct 2018 04:22

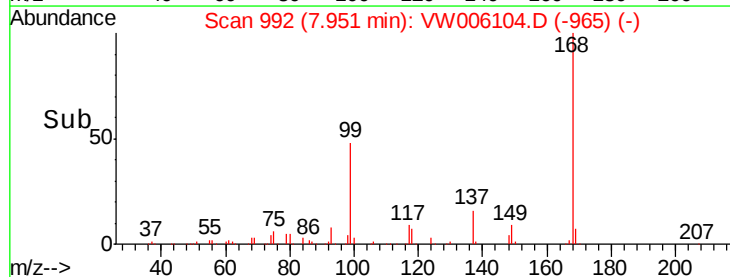
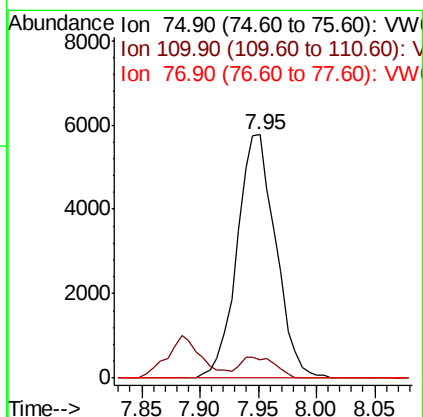
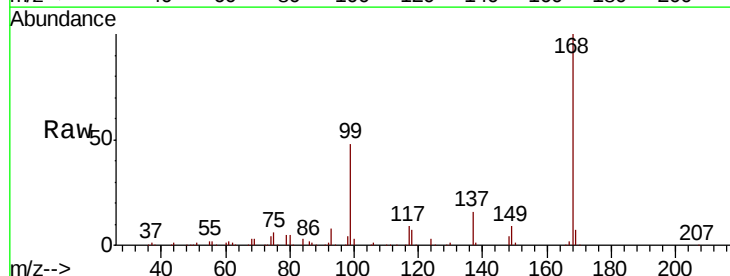
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-6-0.3-2FT

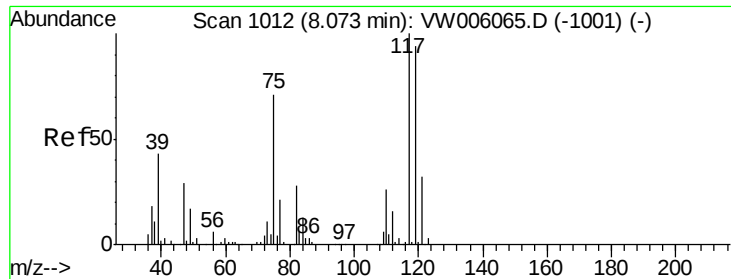
Tgt Ion: 113 Resp: 89555
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.4 122.0
 192 23.1 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 4.794 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006104.D
 Acq: 17 Oct 2018 04:22

Tgt Ion: 75 Resp: 13323
 Ion Ratio Lower Upper
 75 100
 110 7.8 19.1 57.1#
 77 0.0 25.0 37.4#

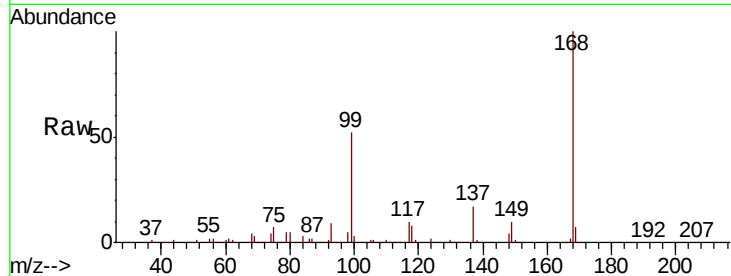




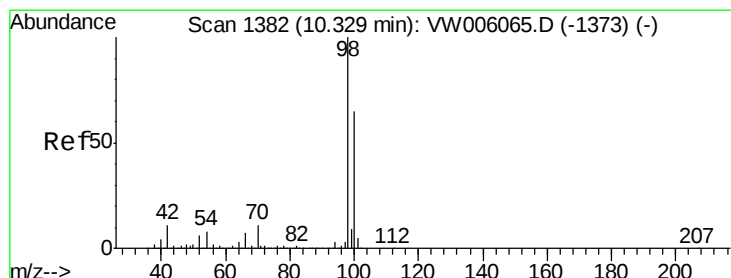
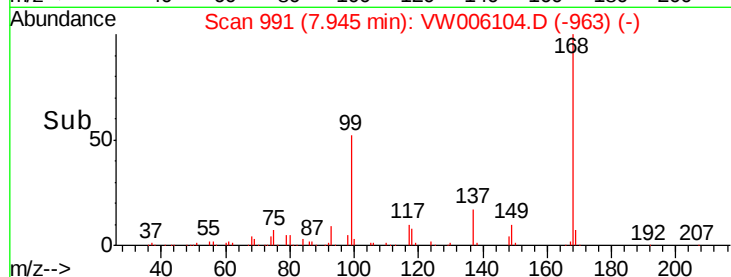
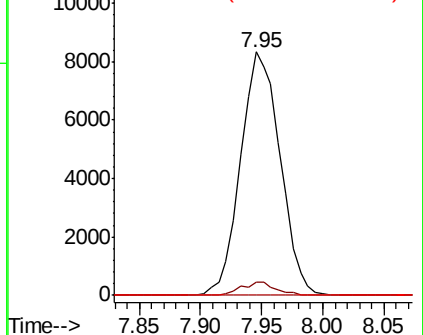
#38
Carbon Tetrachloride
Concen: 6.141 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW006104.D
Acq: 17 Oct 2018 04:22

Instrument :
MSVOA_W
ClientSampled :
SB-6-0.3-2FT

Tgt Ion:117 Resp: 18710
Ion Ratio Lower Upper
117 100
119 5.4 75.2 112.8#
121 0.0 25.3 37.9#

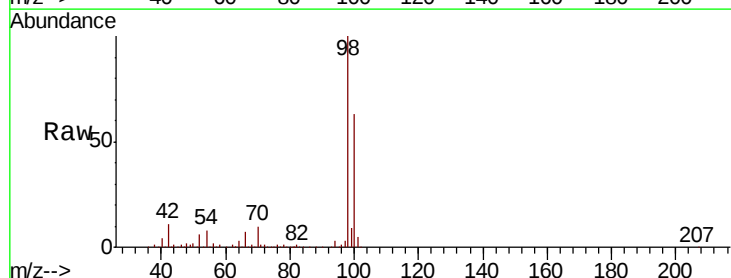


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

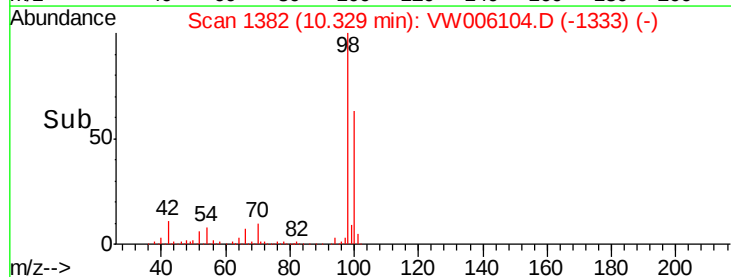
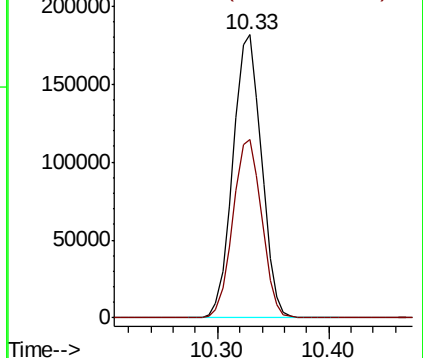


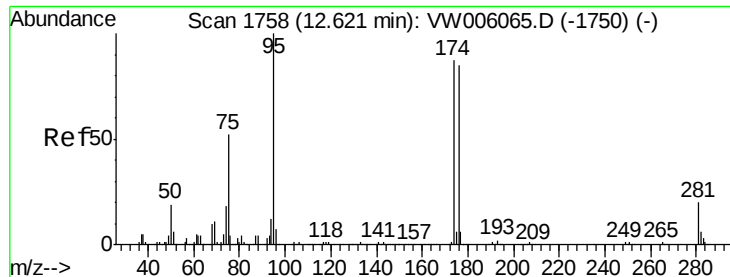
#50
Toluene-d8
Concen: 47.617 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW006104.D
Acq: 17 Oct 2018 04:22

Tgt Ion: 98 Resp: 322759
Ion Ratio Lower Upper
98 100
100 63.5 51.6 77.4



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

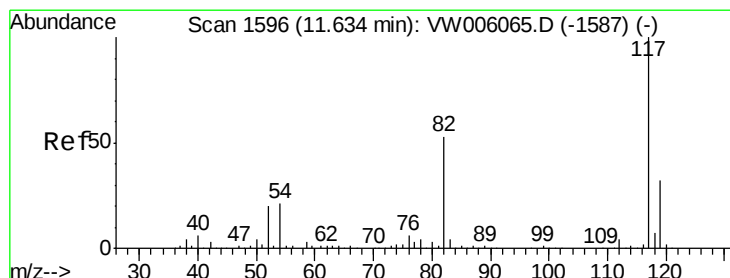
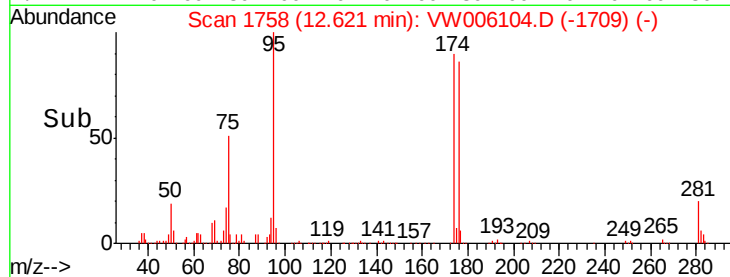
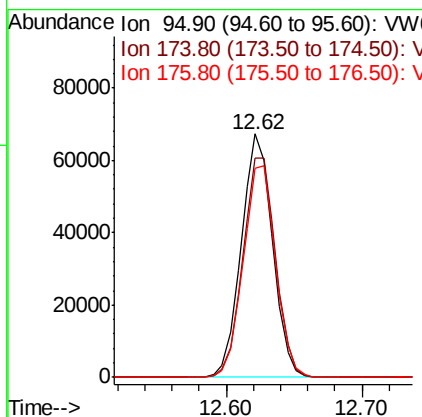
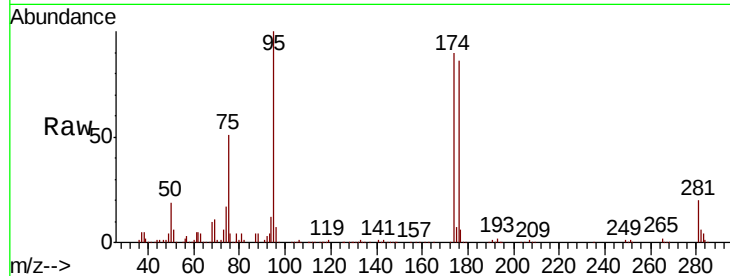




#62
4-Bromofluorobenzene
Concen: 42.450 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW006104.D
Acq: 17 Oct 2018 04:22

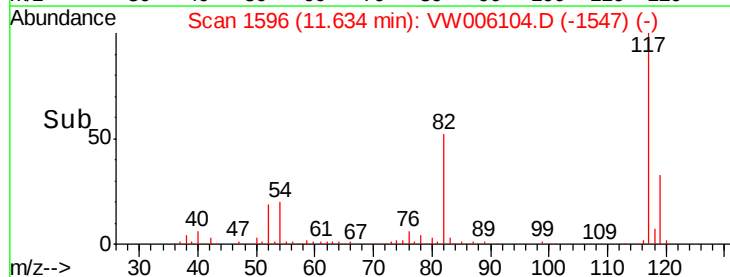
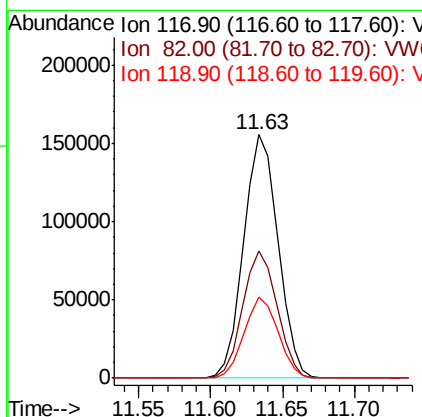
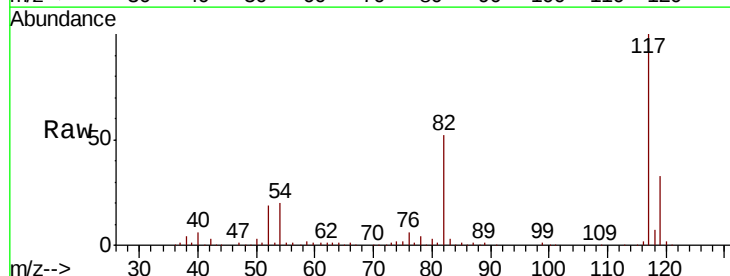
Instrument :
MSVOA_W
ClientSampleId :
SB-6-0.3-2FT

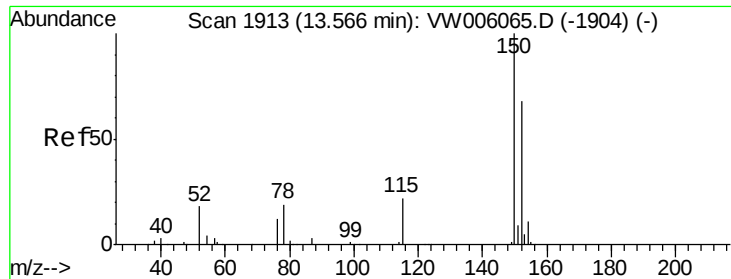
Tgt Ion: 95 Resp: 108069
Ion Ratio Lower Upper
95 100
174 94.3 0.0 186.0
176 90.4 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW006104.D
Acq: 17 Oct 2018 04:22

Tgt Ion: 117 Resp: 257312
Ion Ratio Lower Upper
117 100
82 52.1 42.1 63.1
119 33.1 25.8 38.6



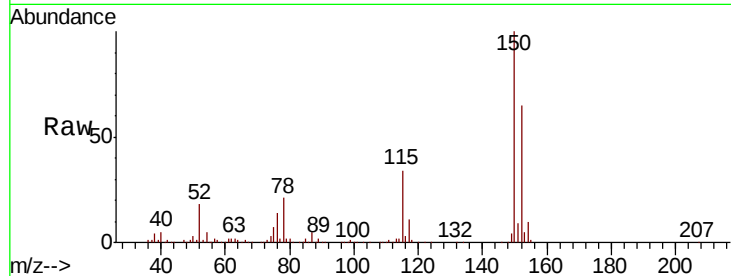


#72

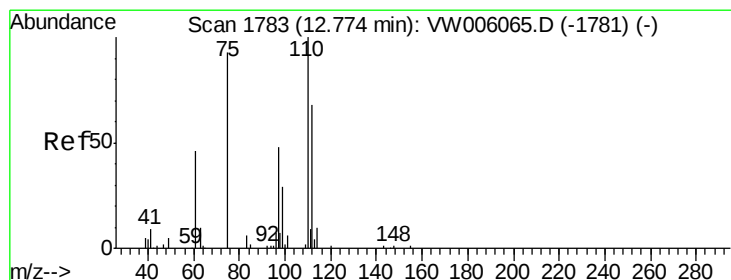
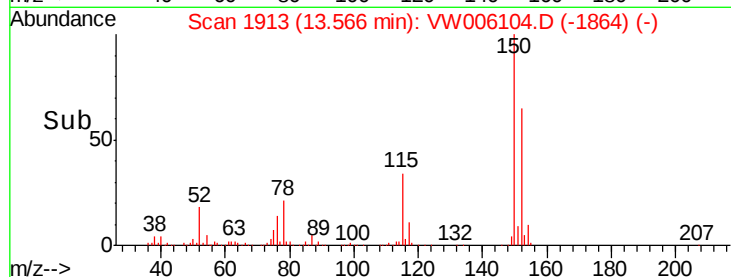
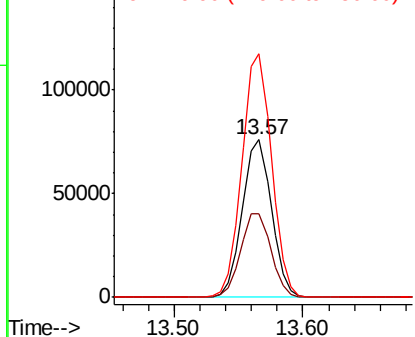
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW006104.D
Acq: 17 Oct 2018 04:22

Instrument :
MSVOA_W
ClientSampleId :
SB-6-0.3-2FT

Tgt Ion:152 Resp: 119076
Ion Ratio Lower Upper
152 100
115 55.6 27.8 83.3
150 156.3 0.0 349.2



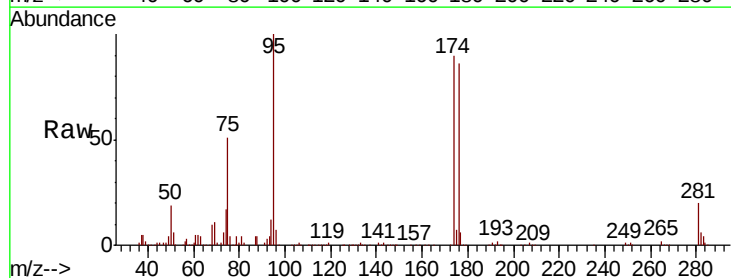
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



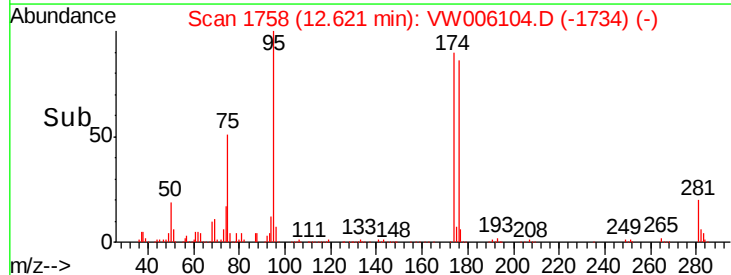
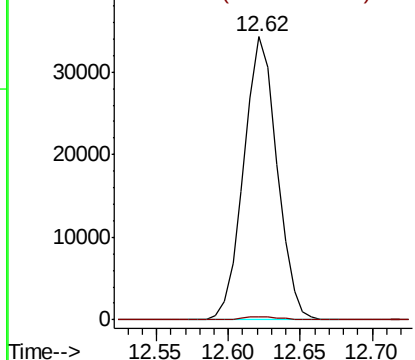
#76

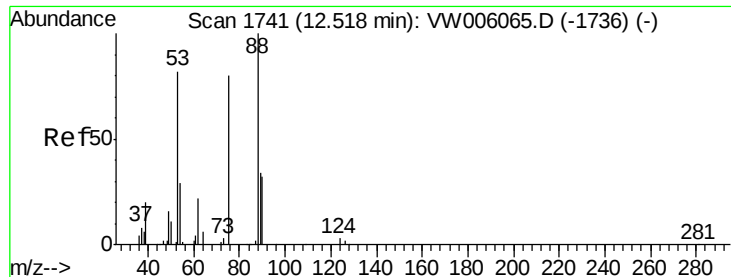
1,2,3-Trichloropropane
Concen: 60.372 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW006104.D
Acq: 17 Oct 2018 04:22

Tgt Ion: 75 Resp: 54909
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



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: 144.314 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006104.D

Acq: 17 Oct 2018 04:22

Instrument :

MSVOA_W

ClientSampleId :

SB-6-0.3-2FT

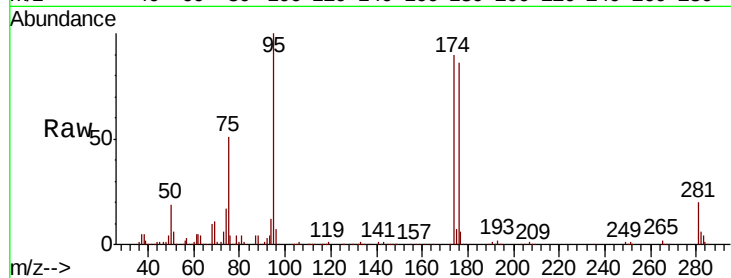
Tgt Ion: 75 Resp: 54909

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.1 37.5 56.3#



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

