

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101618\
 Data File : VW006087.D
 Acq On : 16 Oct 2018 18:53
 Operator : VA/AP
 Sample : J5526-09
 Misc : 6.91G/5ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-4B-G-101518-9

Quant Time: Oct 17 01:21:57 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

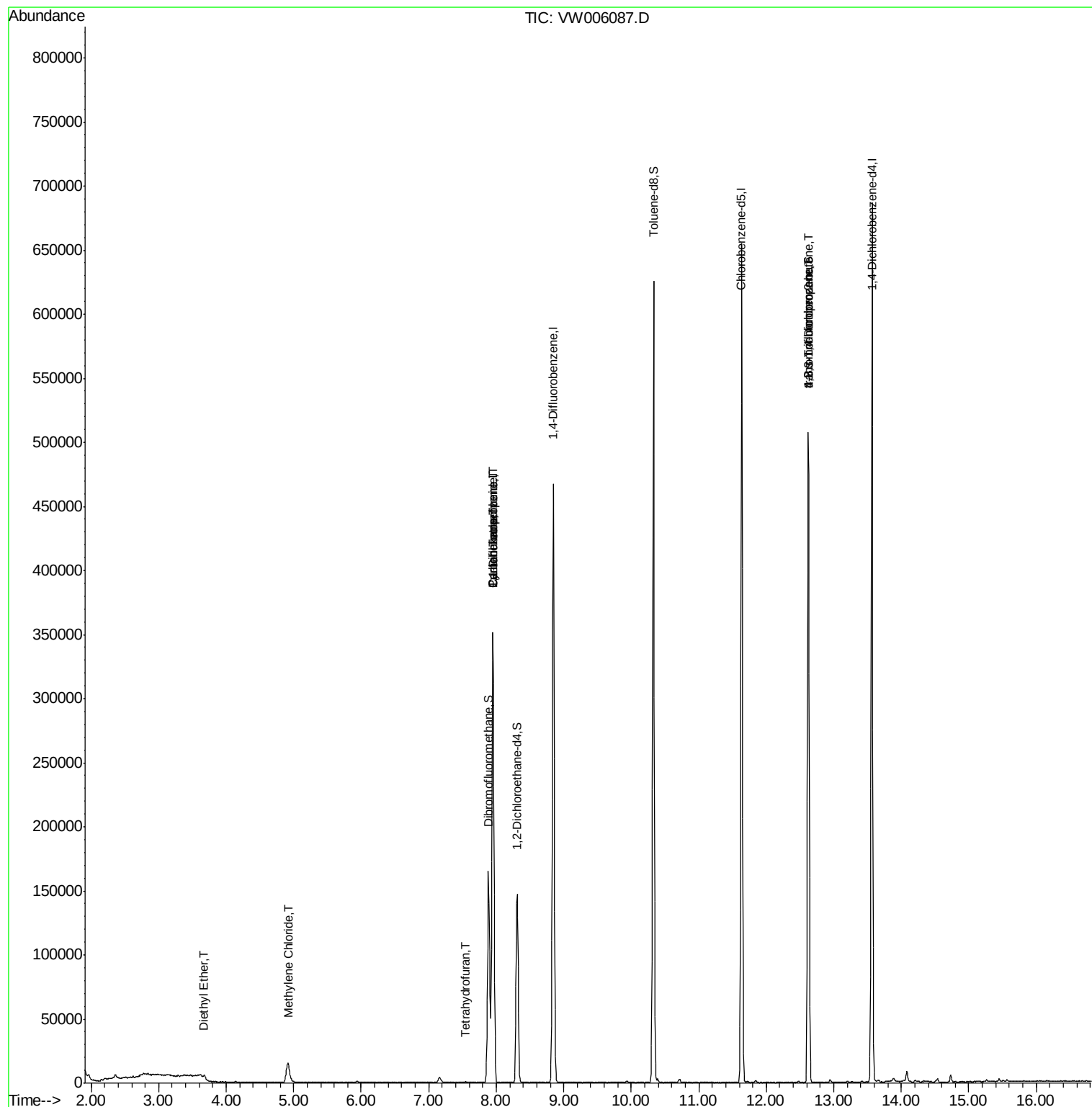
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	283198	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	414596	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	373299	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	193480	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	115896	49.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.72%	
35) Dibromofluoromethane	7.89	113	115312	47.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.14%	
50) Toluene-d8	10.33	98	425904	45.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.40%	
62) 4-Bromofluorobenzene	12.62	95	154206	44.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.10%	
Target Compounds						
8) Diethyl Ether	3.67	74	2628	2.060	ug/l	72
16) Acetone	4.14	43	791	Below Cal		98
20) Methylene Chloride	4.91	84	13617	3.983	ug/l	94
29) Tetrahydrofuran	7.54	42	477	1.223	ug/l #	50
31) Cyclohexane	7.95	56	5201	1.211	ug/l #	4
36) 1,1-Dichloropropene	7.95	75	18656	4.882	ug/l #	48
38) Carbon Tetrachloride	7.95	117	25500	6.087	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	79427	53.747	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	79427	128.476	ug/l #	10

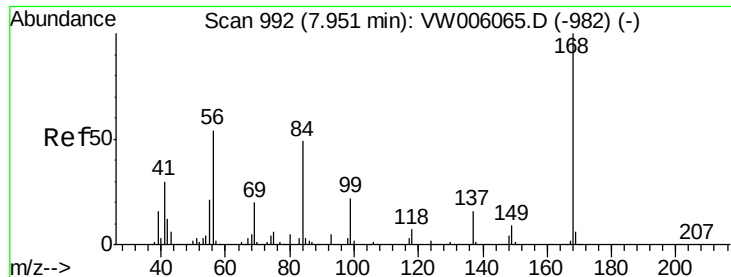
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW101618\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006087.D

Acq: 16 Oct 2018 18:53

Instrument :

MSVOA_W

ClientSampleId :

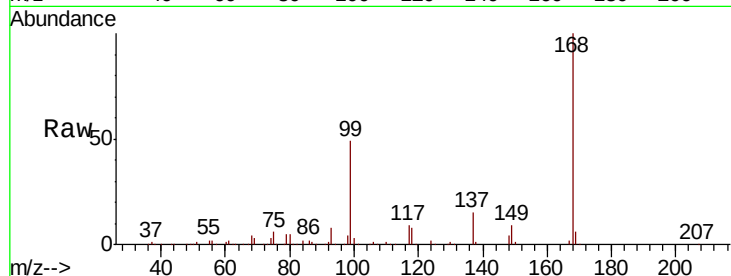
SUP-4B-G-101518-9

Tgt Ion:168 Resp: 283198

Ion Ratio Lower Upper

168 100

99 49.1 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

150000

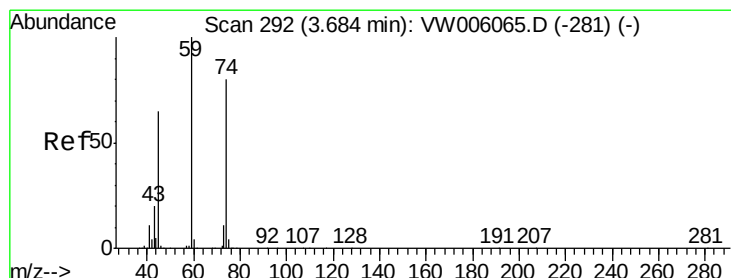
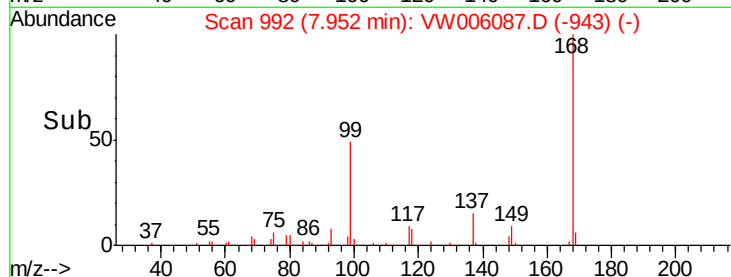
100000

50000

0

7.90 8.00 8.10

Time-->



#8

Diethyl Ether

Concen: 2.060 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.01 min

Lab File: VW006087.D

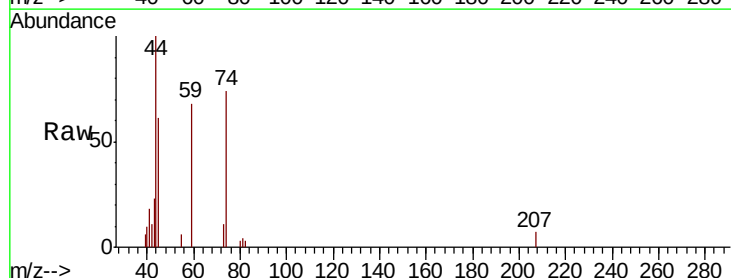
Acq: 16 Oct 2018 18:53

Tgt Ion: 74 Resp: 2628

Ion Ratio Lower Upper

74 100

45 111.4 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

3.67

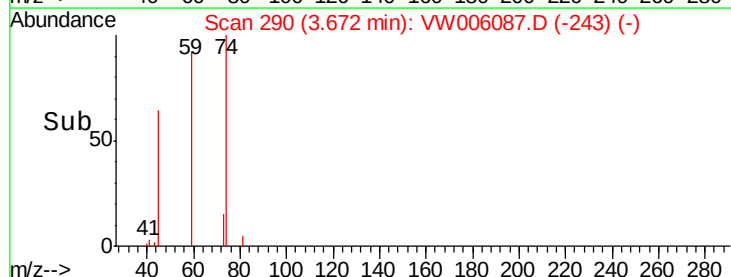
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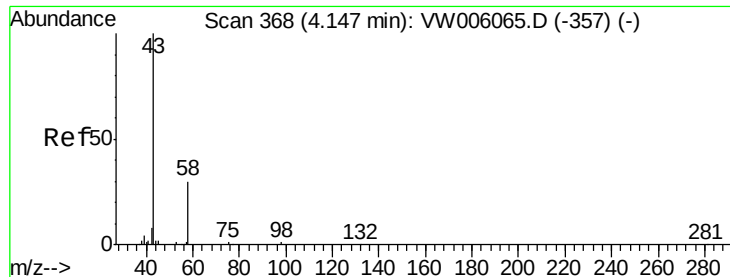
500

0

3.60 3.65 3.70 3.75

Time-->





#16

Acetone

Concen: Below Cal

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW006087.D

Acq: 16 Oct 2018 18:53

Instrument :

MSVOA_W

ClientSampleId :

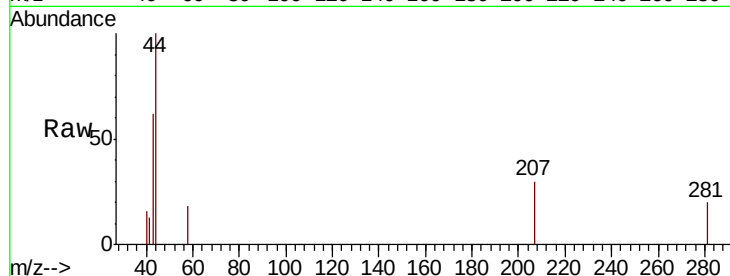
SUP-4B-G-101518-9

Tgt Ion: 43 Resp: 791

Ion Ratio Lower Upper

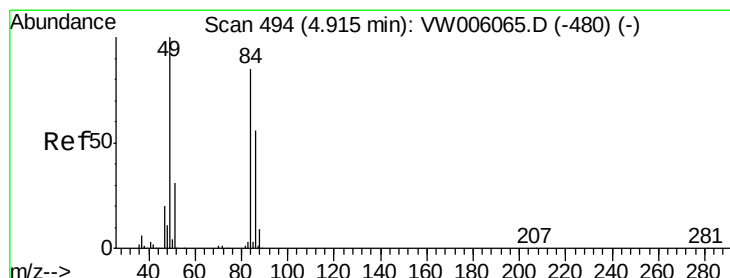
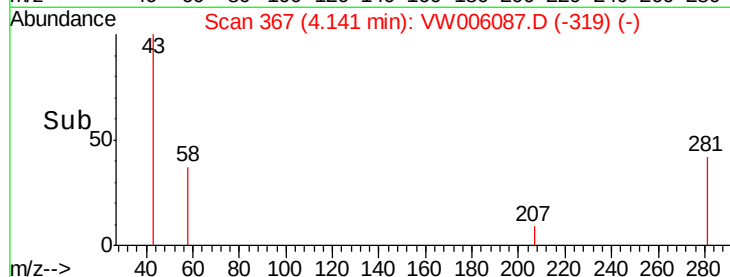
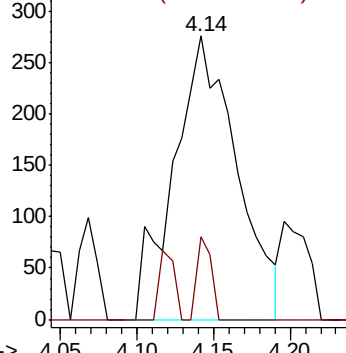
43 100

58 29.0 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 3.983 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW006087.D

Acq: 16 Oct 2018 18:53

Tgt Ion: 84 Resp: 13617

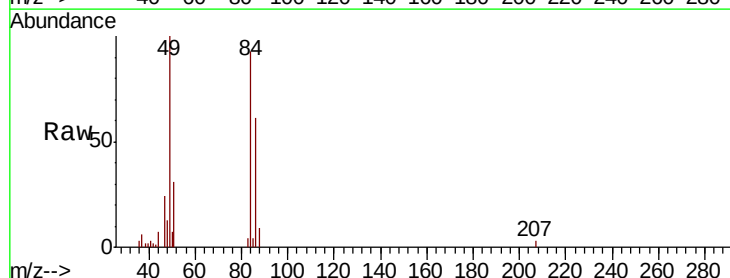
Ion Ratio Lower Upper

84 100

49 107.5 93.6 140.4

51 33.4 29.0 43.4

86 65.4 52.6 79.0

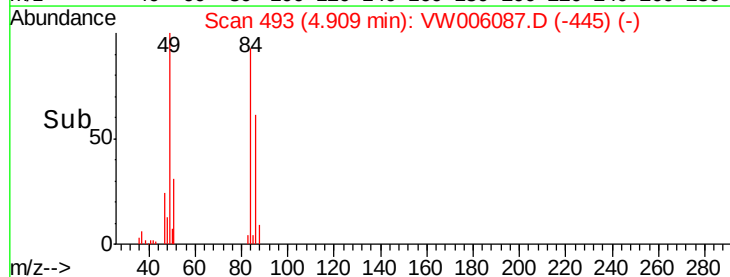
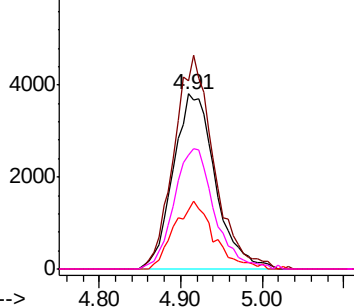


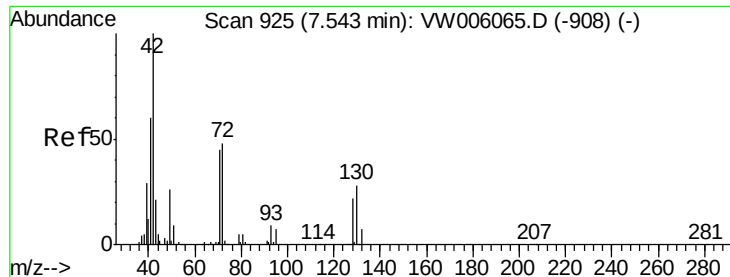
Abundance Ion 83.90 (83.60 to 84.60): VW

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

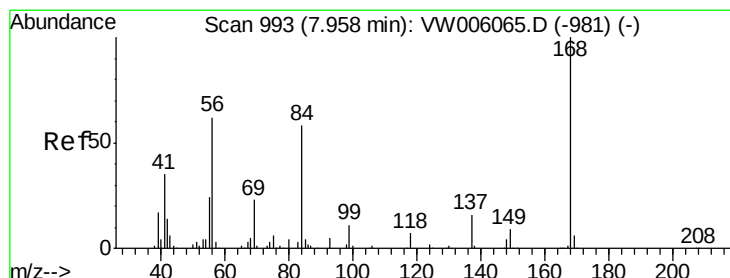
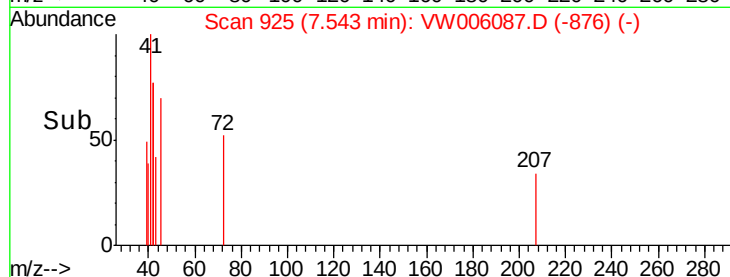
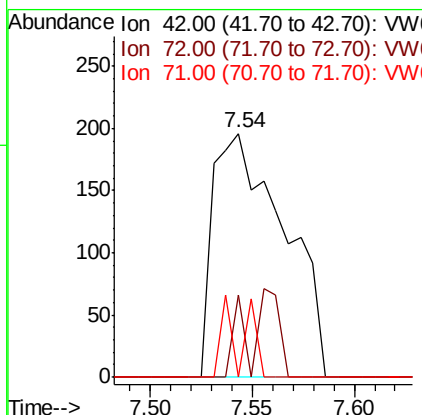
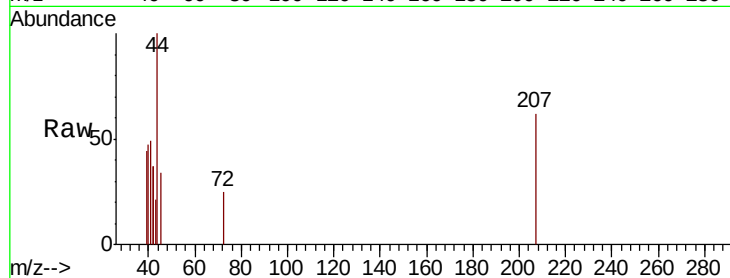




#29
Tetrahydrofuran
Concen: 1.223 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.00 min
Lab File: VW006087.D
Acq: 16 Oct 2018 18:53

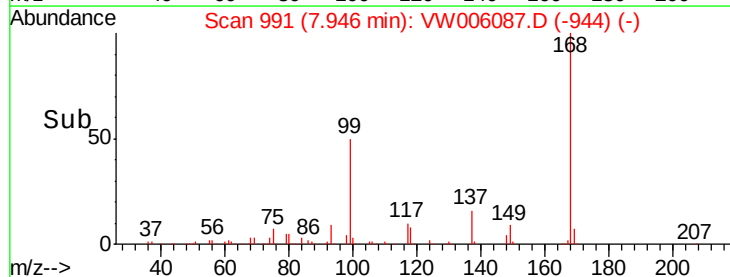
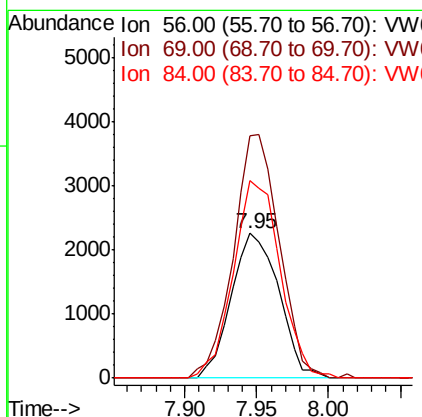
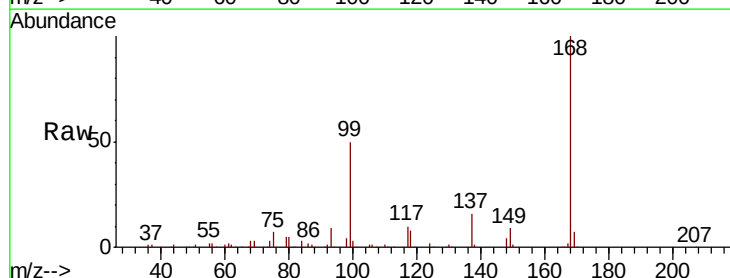
Instrument :
MSVOA_W
ClientSampleId :
SUP-4B-G-101518-9

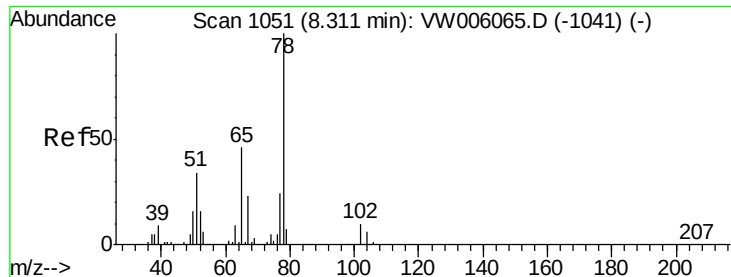
Tgt Ion: 42 Resp: 477
Ion Ratio Lower Upper
42 100
72 15.5 38.0 57.0#
71 9.9 35.3 52.9#



#31
Cyclohexane
Concen: 1.211 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW006087.D
Acq: 16 Oct 2018 18:53

Tgt Ion: 56 Resp: 5201
Ion Ratio Lower Upper
56 100
69 167.9 29.4 44.0#
84 136.2 74.0 111.0#

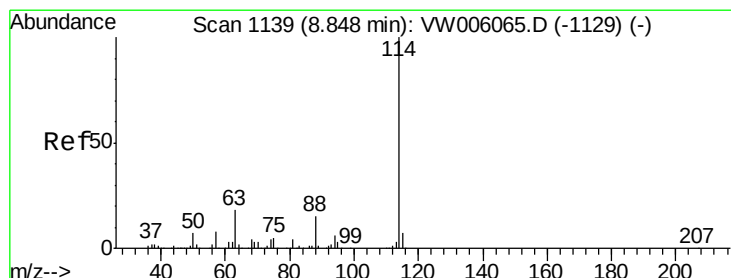
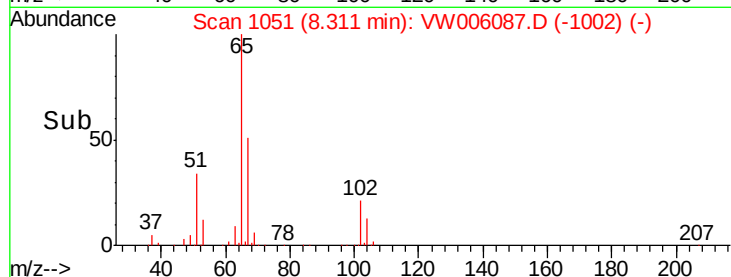
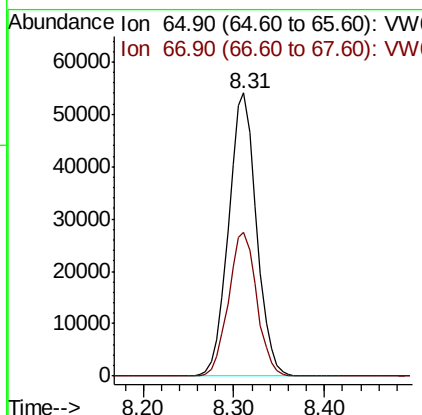
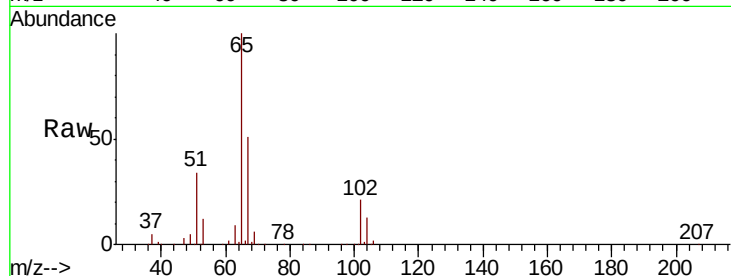




#33
 1,2-Dichloroethane-d4
 Concen: 49.362 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. 0.00 min
 Lab File: VW006087.D
 Acq: 16 Oct 2018 18:53

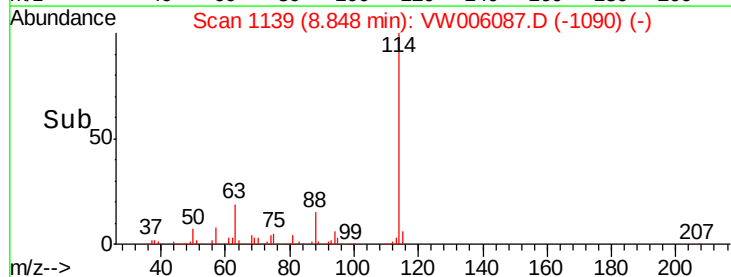
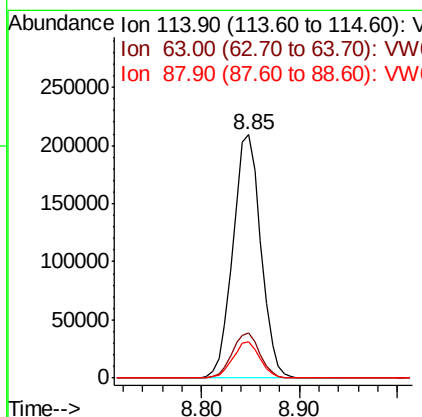
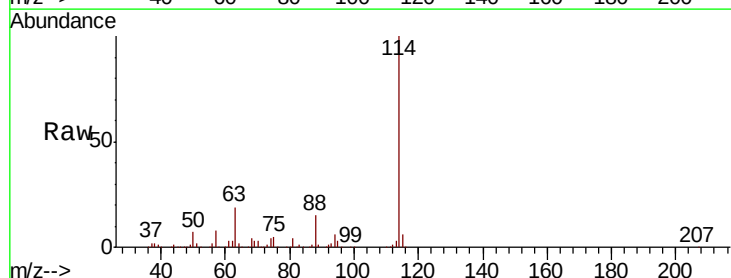
Instrument :
 MSVOA_W
 ClientSampleId :
 SUP-4B-G-101518-9

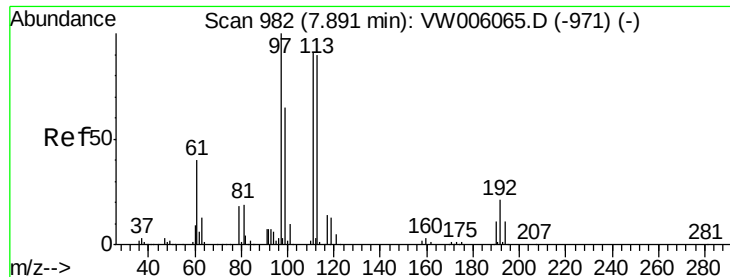
Tgt Ion: 65 Resp: 115896
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 101.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006087.D
 Acq: 16 Oct 2018 18:53

Tgt Ion: 114 Resp: 414596
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 36.8
 88 14.9 0.0 29.0

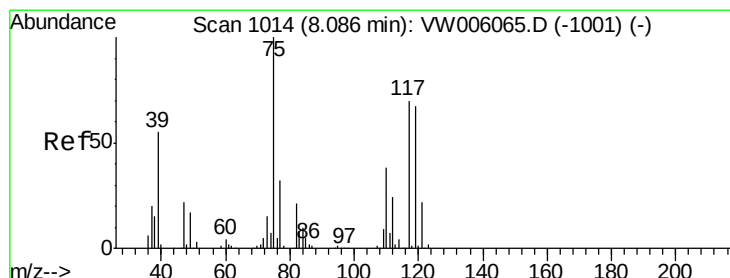
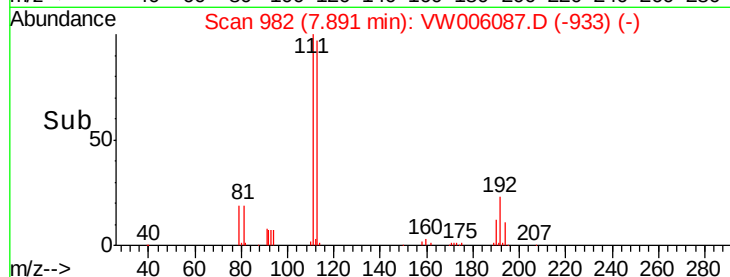
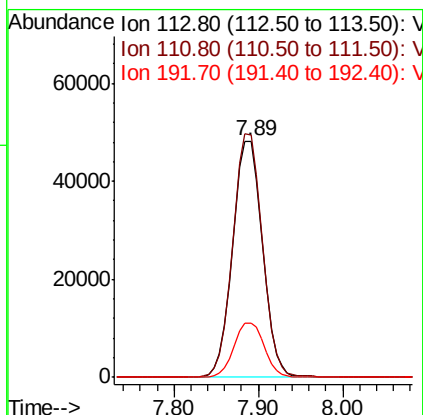
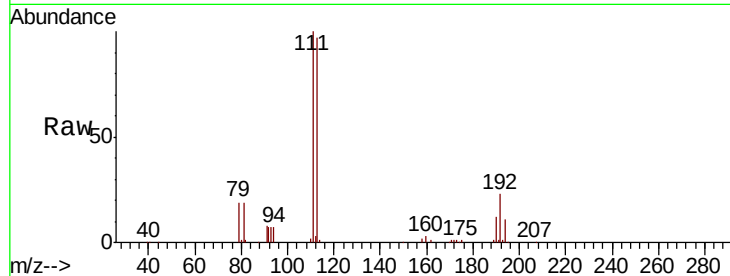




#35
 Dibromofluoromethane
 Concen: 47.069 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006087.D
 Acq: 16 Oct 2018 18:53

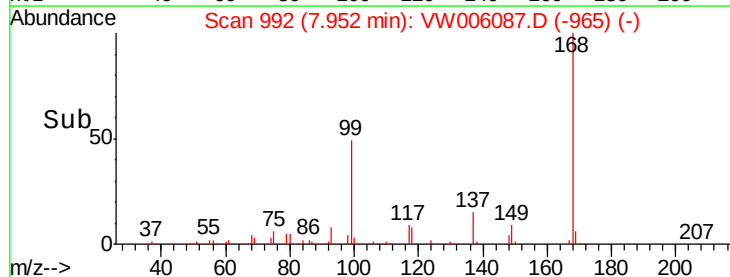
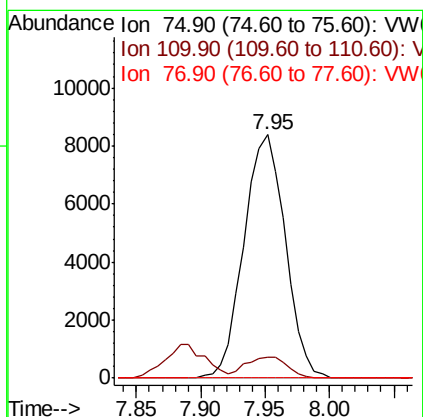
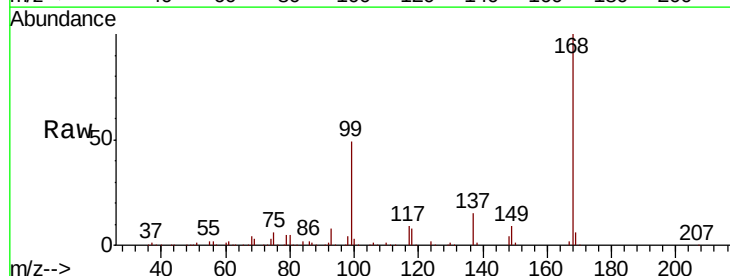
Instrument :
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 SUP-4B-G-101518-9

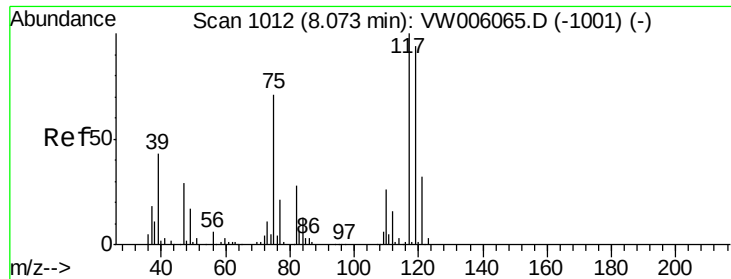
Tgt Ion:113 Resp: 115312
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.4 122.0
 192 23.2 18.7 28.1



#36
 1,1-Dichloropropene
 Concen: 4.882 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006087.D
 Acq: 16 Oct 2018 18:53

Tgt Ion: 75 Resp: 18656
 Ion Ratio Lower Upper
 75 100
 110 8.8 19.1 57.1#
 77 0.0 25.0 37.4#





#38

Carbon Tetrachloride

Concen: 6.087 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW006087.D

Acq: 16 Oct 2018 18:53

Instrument :

MSVOA_W

ClientSampleId :

SUP-4B-G-101518-9

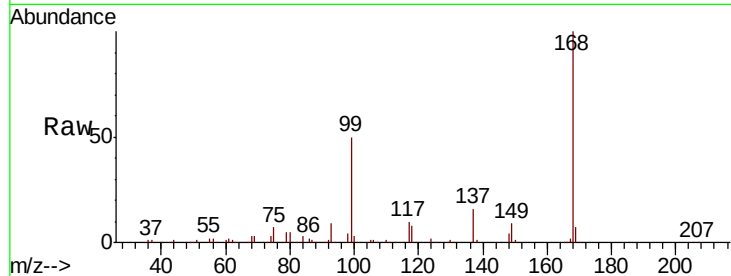
Tgt Ion:117 Resp: 25500

Ion Ratio Lower Upper

117 100

119 4.4 75.2 112.8#

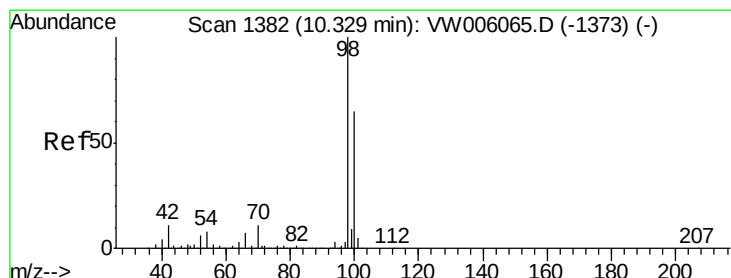
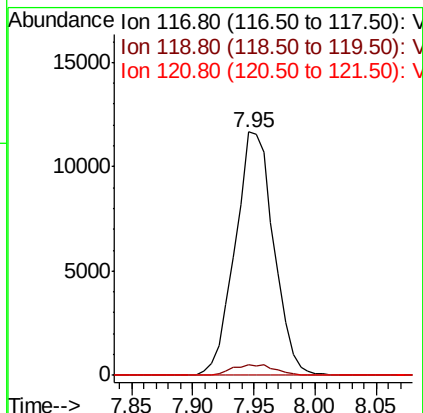
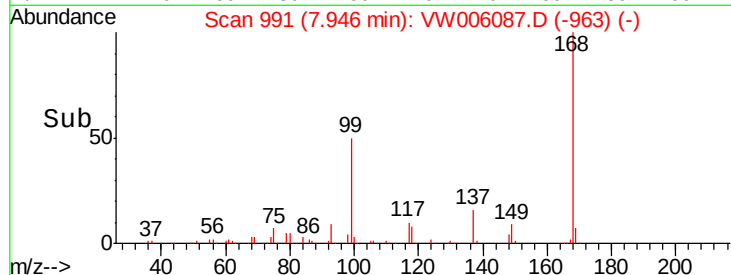
121 0.0 25.3 37.9#



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: 45.696 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006087.D

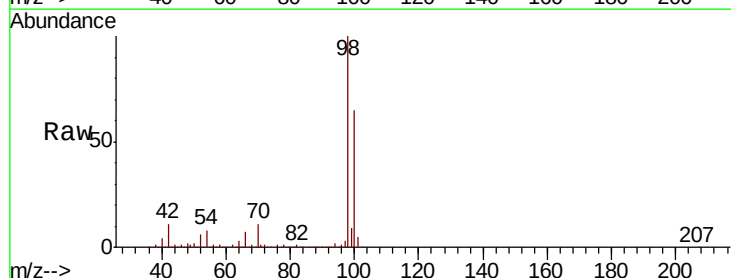
Acq: 16 Oct 2018 18:53

Tgt Ion: 98 Resp: 425904

Ion Ratio Lower Upper

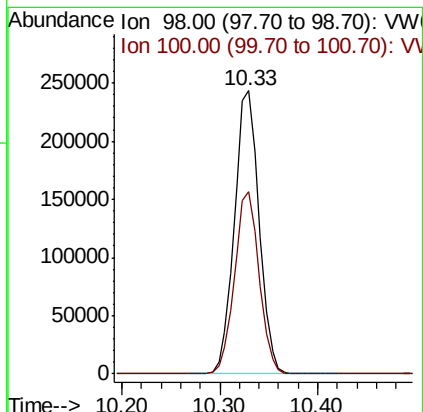
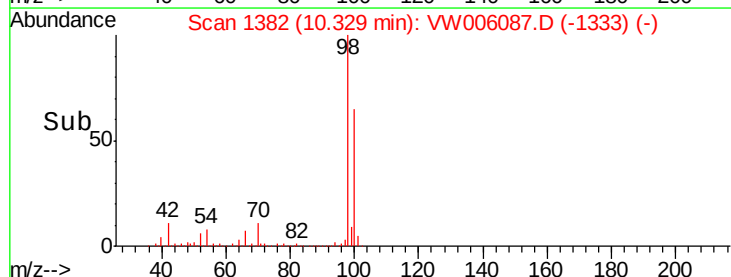
98 100

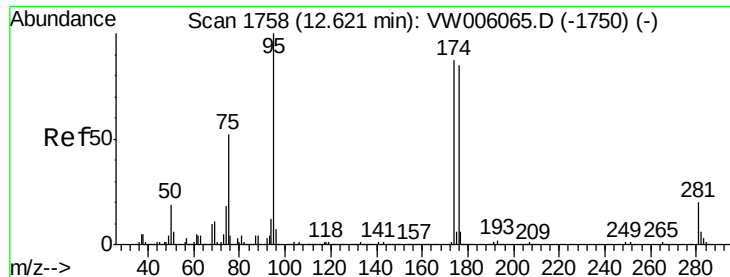
100 64.0 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

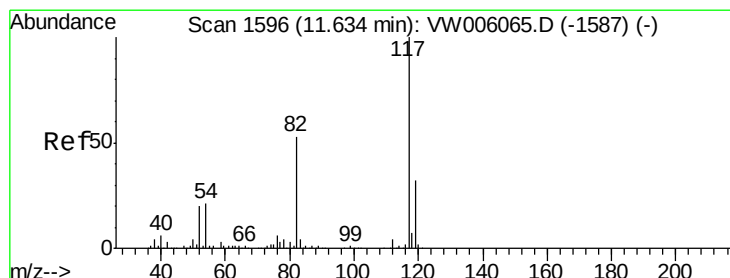
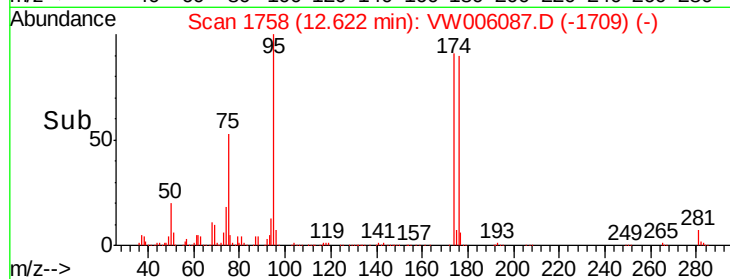
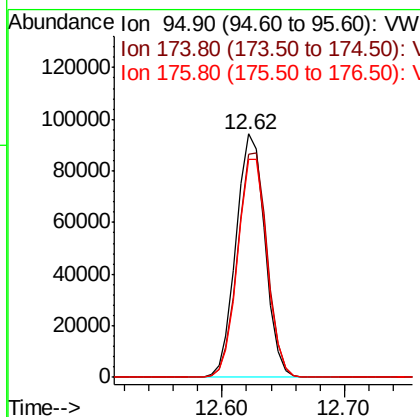
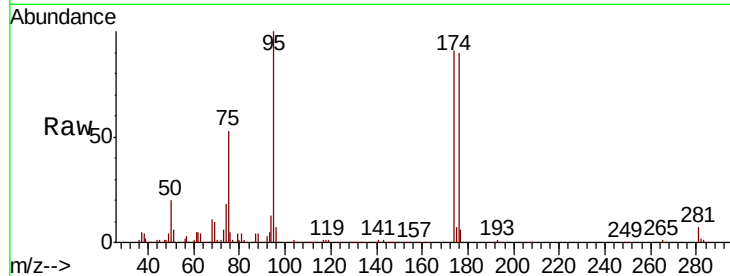




#62
4-Bromofluorobenzene
Concen: 44.051 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW006087.D
Acq: 16 Oct 2018 18:53

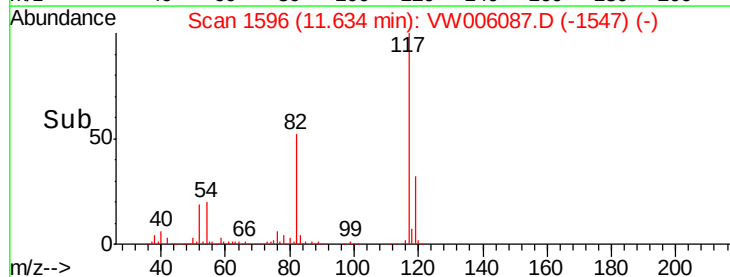
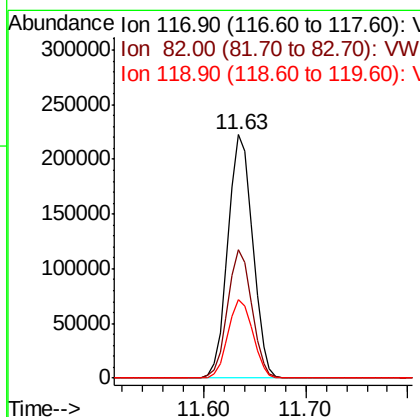
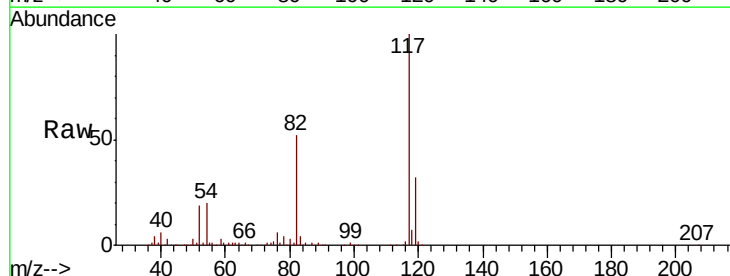
Instrument :
MSVOA_W
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SUP-4B-G-101518-9

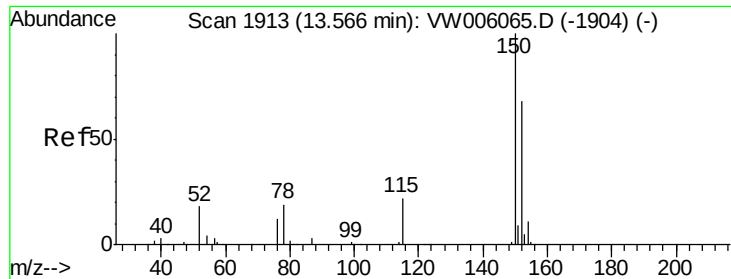
Tgt Ion: 95 Resp: 154206
Ion Ratio Lower Upper
95 100
174 94.2 0.0 186.0
176 91.3 0.0 181.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW006087.D
Acq: 16 Oct 2018 18:53

Tgt Ion: 117 Resp: 373299
Ion Ratio Lower Upper
117 100
82 52.5 42.1 63.1
119 32.3 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: VW006087.D

Acq: 16 Oct 2018 18:53

Instrument :

MSVOA_W

ClientSampleId :

SUP-4B-G-101518-9

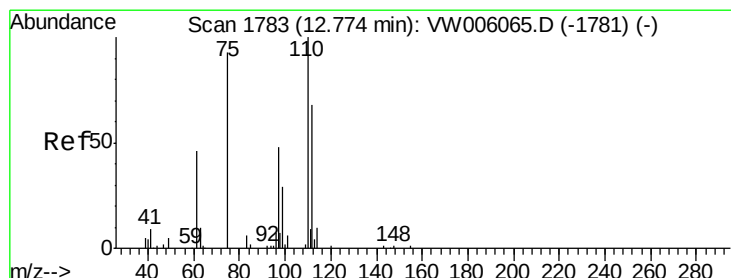
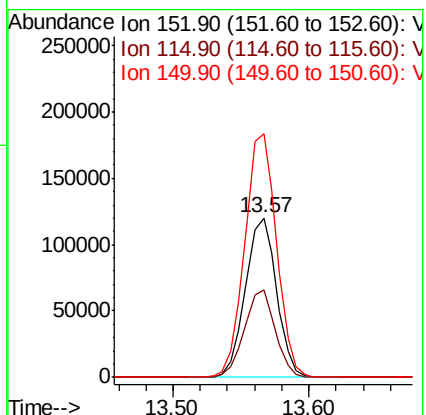
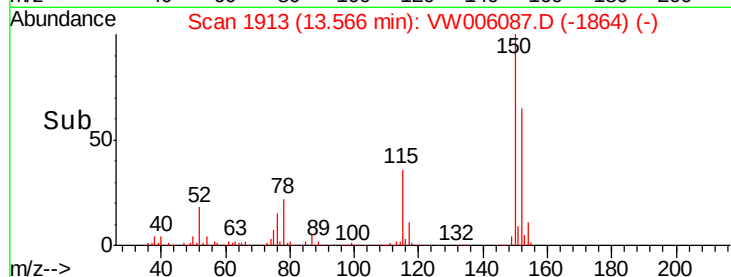
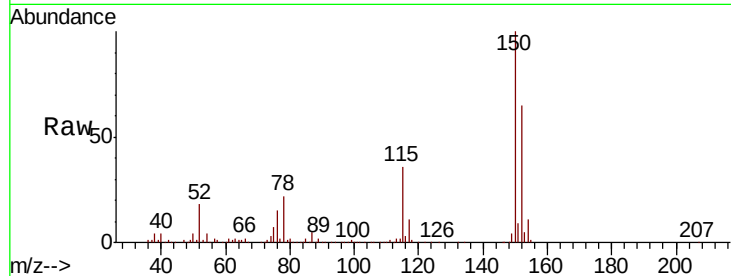
Tgt Ion:152 Resp: 193480

Ion Ratio Lower Upper

152 100

115 54.0 27.8 83.3

150 155.3 0.0 349.2



#76

1,2,3-Trichloropropane

Concen: 53.747 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006087.D

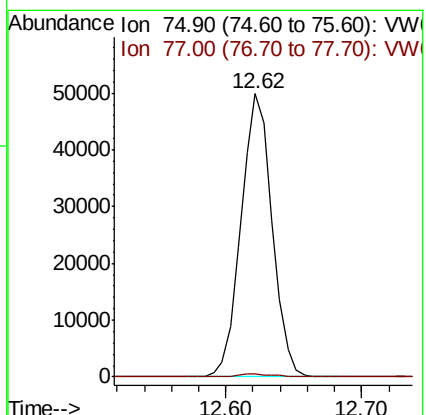
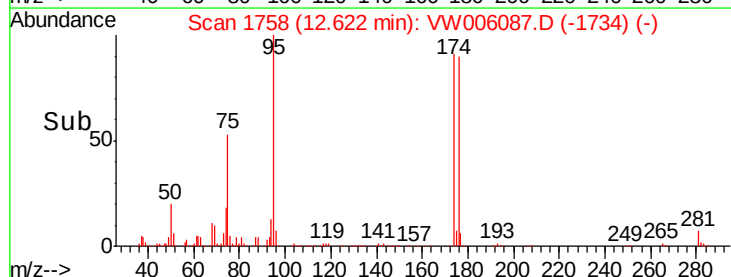
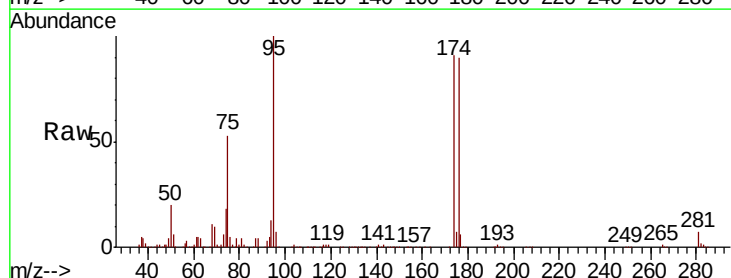
Acq: 16 Oct 2018 18:53

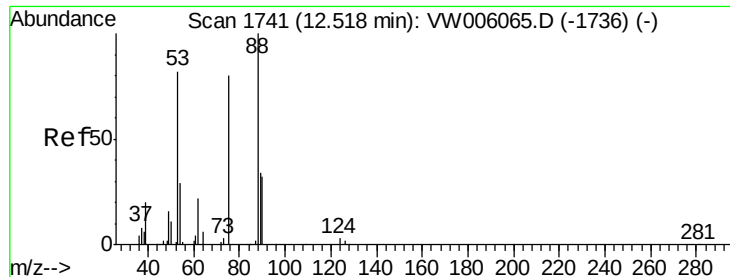
Tgt Ion: 75 Resp: 79427

Ion Ratio Lower Upper

75 100

77 1.2 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 128.476 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006087.D

Acq: 16 Oct 2018 18:53

Instrument :

MSVOA_W

ClientSampleId :

SUP-4B-G-101518-9

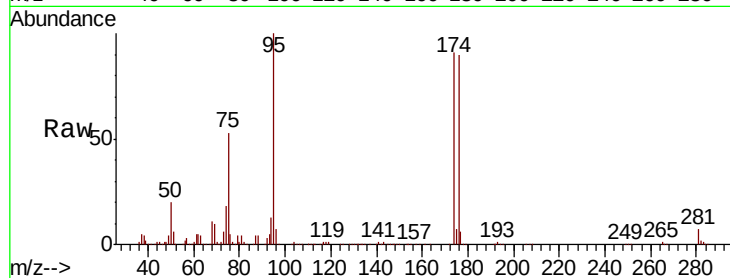
Tgt Ion: 75 Resp: 79427

Ion Ratio Lower Upper

75 100

53 0.0 79.8 119.6#

89 0.0 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

