

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110118\
 Data File : VW006535.D
 Acq On : 31 Oct 2018 19:11
 Operator : SY/AP
 Sample : J5194-07RE
 Misc : 6.69G/5ML/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-05-102618-ARE

Quant Time: Oct 31 19:33:49 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	252885	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	329236	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	190311	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	152688	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	124436	59.35	ug/l	0.00
Spiked Amount			Recovery	=	118.70%	
35) Dibromofluoromethane	7.89	113	129803	66.72	ug/l	0.00
Spiked Amount			Recovery	=	133.44%	
50) Toluene-d8	10.33	98	172719	23.34	ug/l	0.00
Spiked Amount			Recovery	=	46.68%	
62) 4-Bromofluorobenzene	12.62	95	158004	56.84	ug/l	0.00
Spiked Amount			Recovery	=	113.68%	

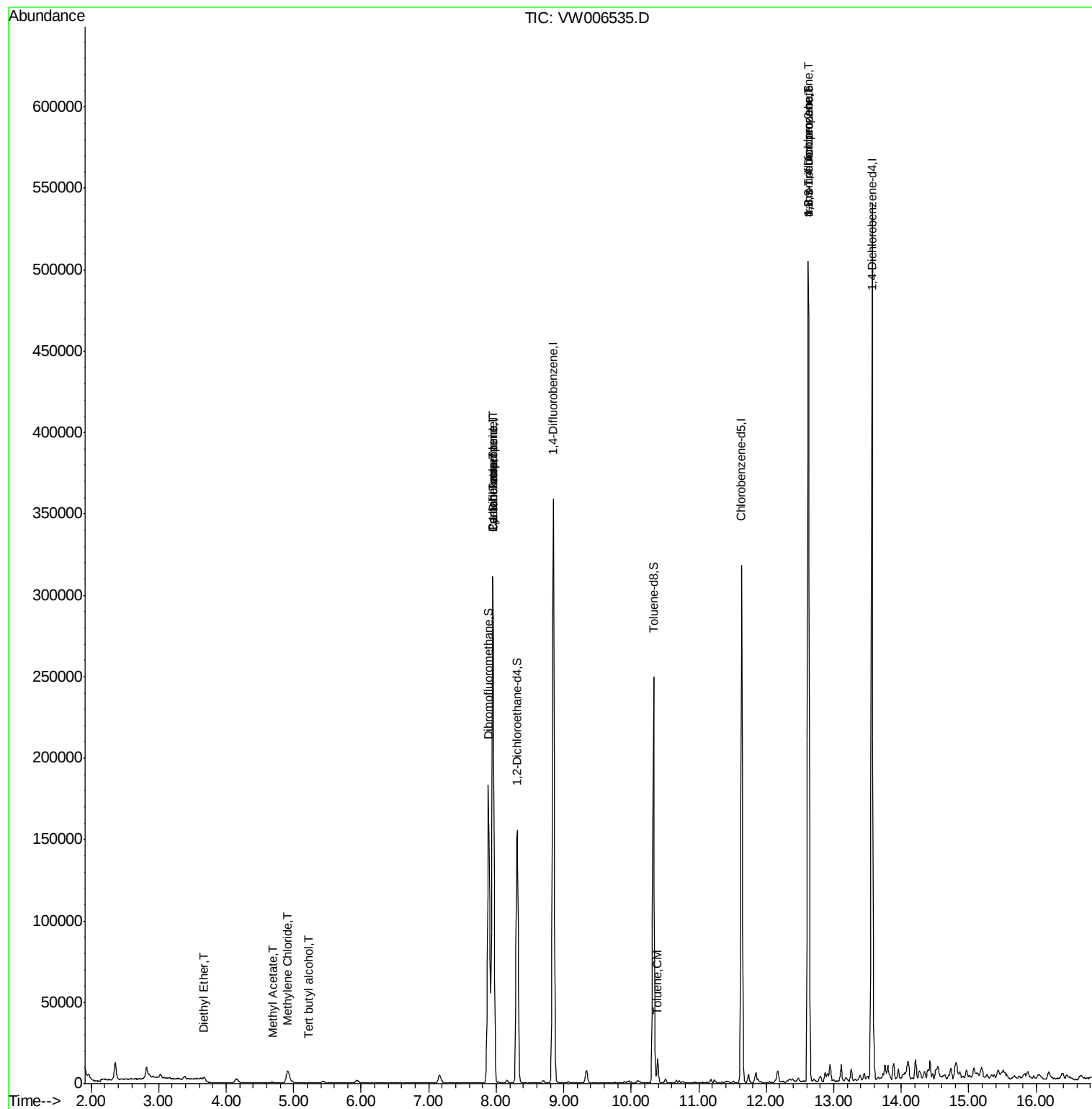
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	3.67	74	1695	1.49	ug/l	92
11) Tert butyl alcohol	5.23	59	147	1.04	ug/l #	71
16) Acetone	4.15	43	5177	Below Cal		93
18) Methyl Acetate	4.69	43	1132	1.07	ug/l #	84
20) Methylene Chloride	4.91	84	6453	1.32	ug/l	92
31) Cyclohexane	7.95	56	5284	1.38	ug/l #	34
36) 1,1-Dichloropropene	7.95	75	15609	5.14	ug/l #	49
38) Carbon Tetrachloride	7.95	117	21778	6.55	ug/l #	16
52) Toluene	10.39	92	6218	1.11	ug/l	98
76) 1,2,3-Trichloropropane	12.62	75	77463	66.42	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	77463	158.77	ug/l #	10

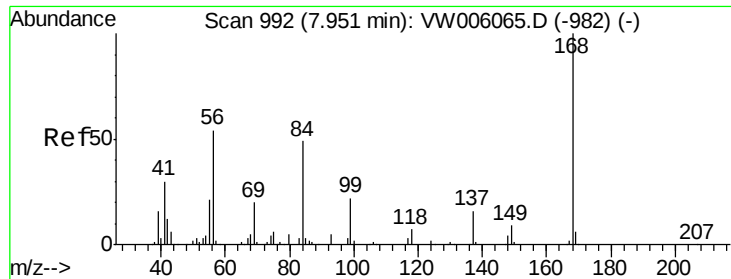
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 18 17:01:24 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW006535.D

Acq: 31 Oct 2018 19:11

Instrument :

MSVOA_W

ClientSampleId :

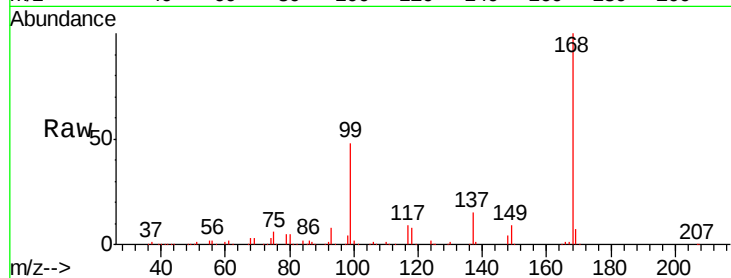
HR-05-102618-ARE

Tgt Ion:168 Resp: 252885

Ion Ratio Lower Upper

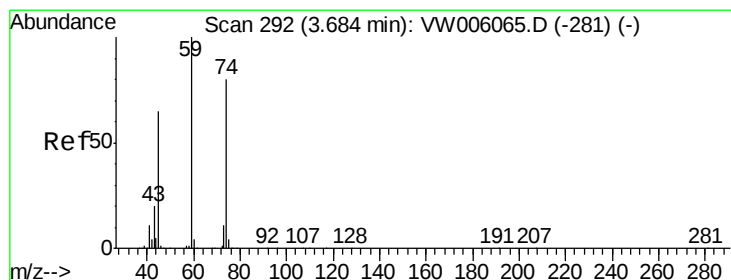
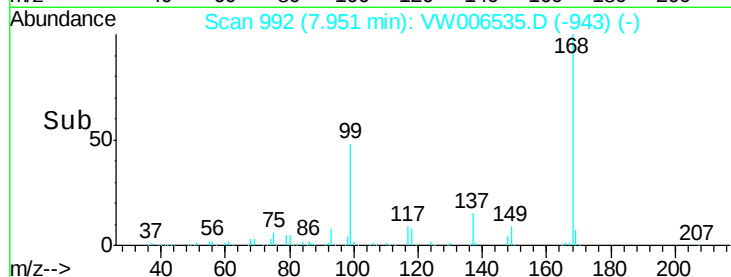
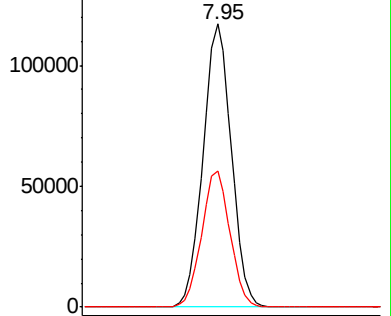
168 100

99 48.0 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.49 ug/l

RT: 3.67 min Scan# 290

Delta R.T. -0.01 min

Lab File: VW006535.D

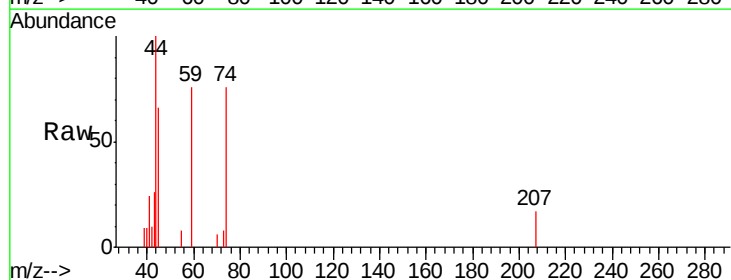
Acq: 31 Oct 2018 19:11

Tgt Ion: 74 Resp: 1695

Ion Ratio Lower Upper

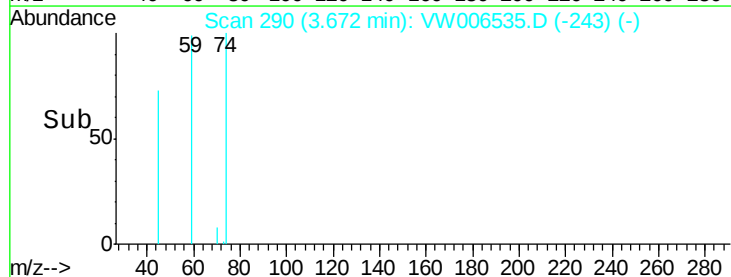
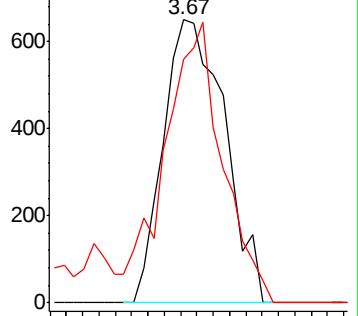
74 100

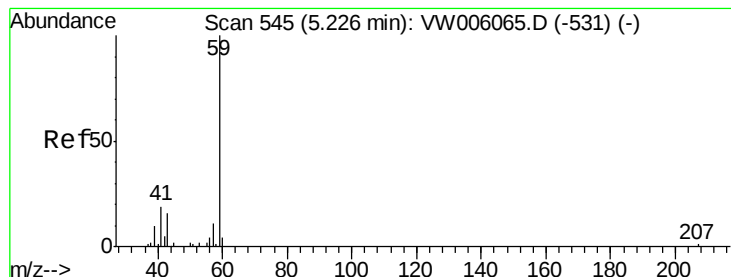
45 92.9 42.8 128.3



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW





#11

Tert butyl alcohol

Concen: 1.04 ug/l

RT: 5.23 min Scan# 545

Delta R.T. -0.00 min

Lab File: VW006535.D

Acq: 31 Oct 2018 19:11

Instrument :

MSVOA_W

ClientSampleId :

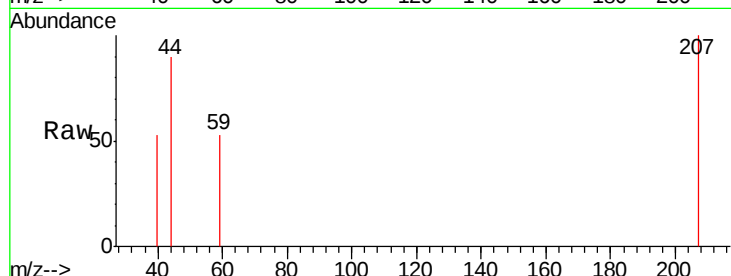
HR-05-102618-ARE

Tgt Ion: 59 Resp: 147

Ion Ratio Lower Upper

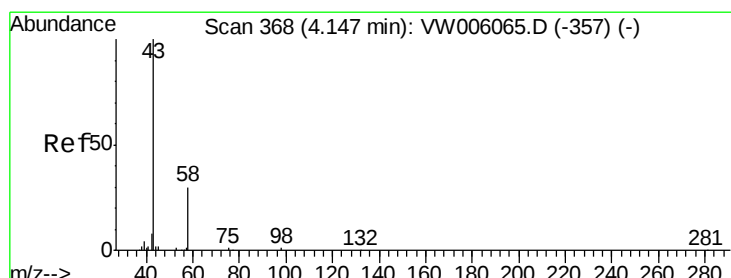
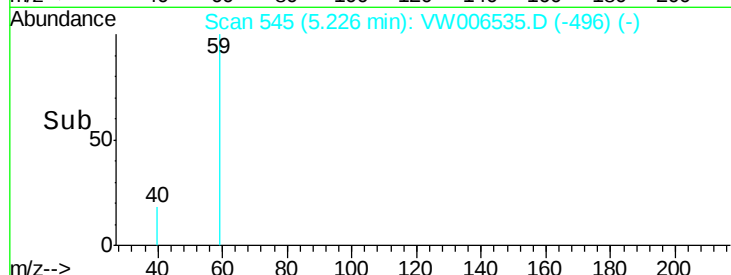
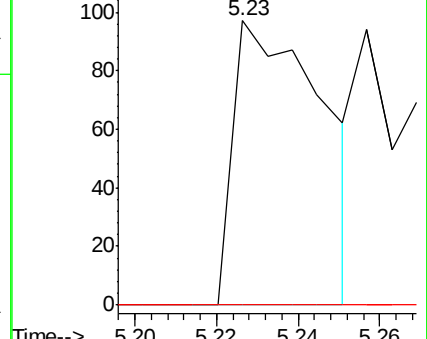
59 100

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



#16

Acetone

Concen: Below Cal

RT: 4.15 min Scan# 369

Delta R.T. 0.01 min

Lab File: VW006535.D

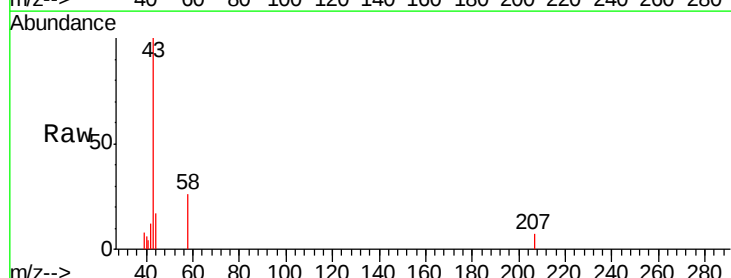
Acq: 31 Oct 2018 19:11

Tgt Ion: 43 Resp: 5177

Ion Ratio Lower Upper

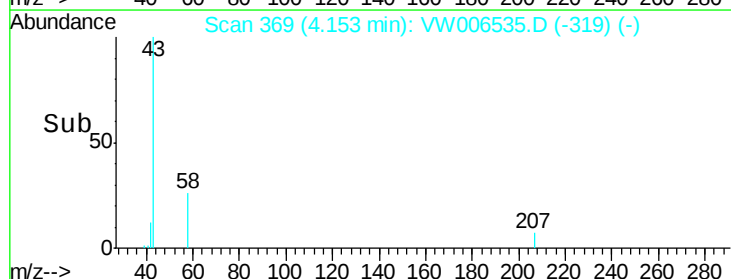
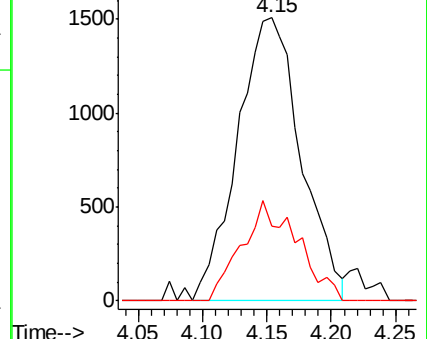
43 100

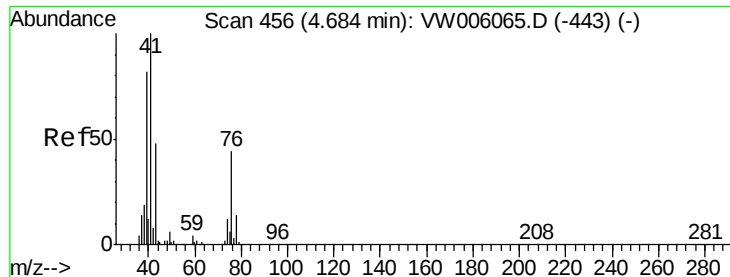
58 26.5 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

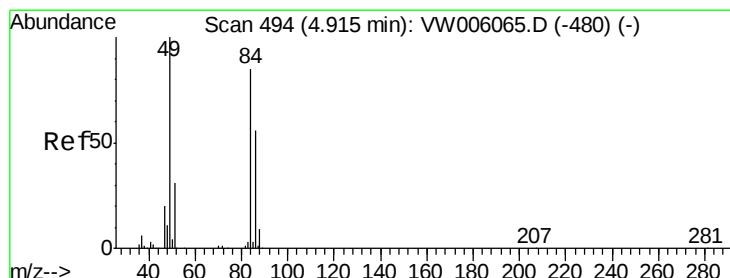
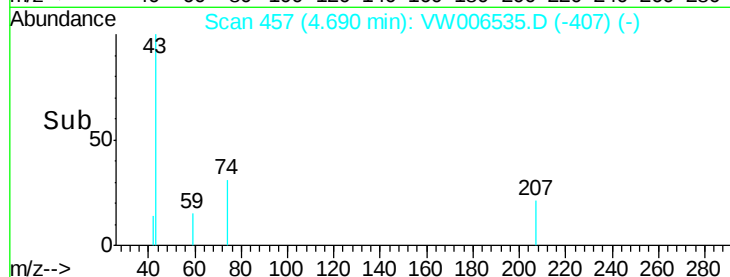
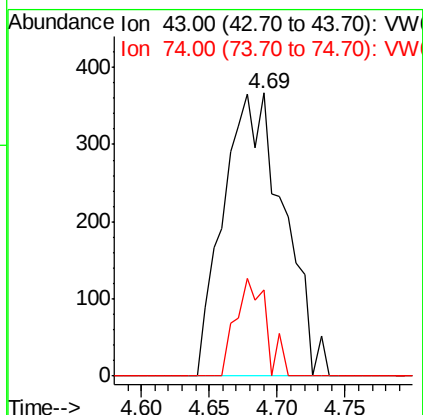
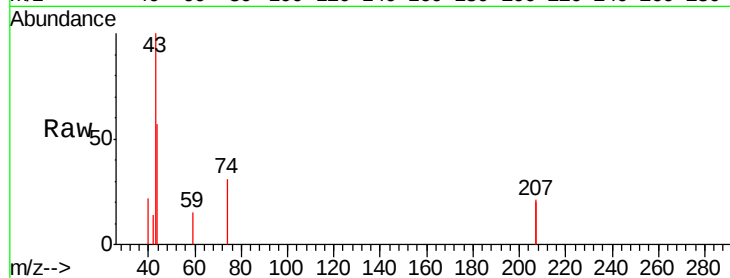




#18
Methyl Acetate
Concen: 1.07 ug/l
RT: 4.69 min Scan# 457
Delta R.T. 0.01 min
Lab File: VW006535.D
Acq: 31 Oct 2018 19:11

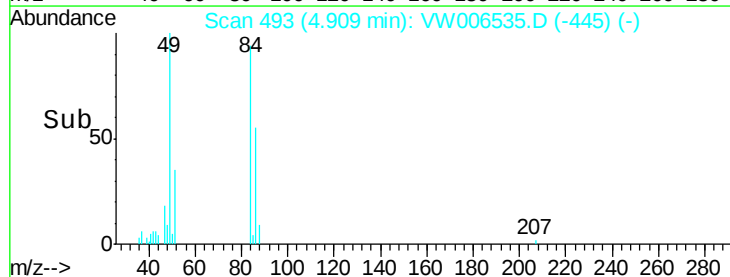
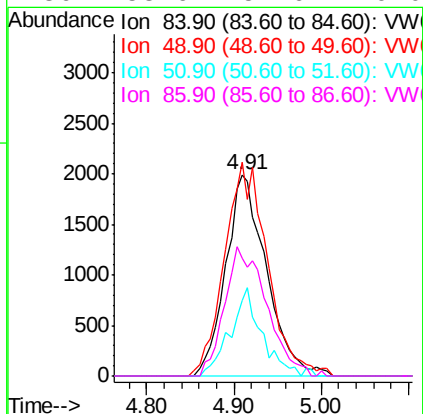
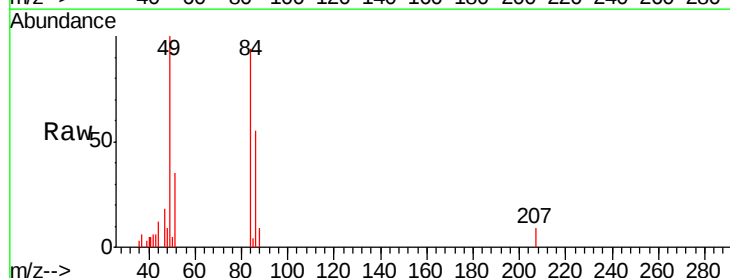
Instrument :
MSVOA_W
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HR-05-102618-ARE

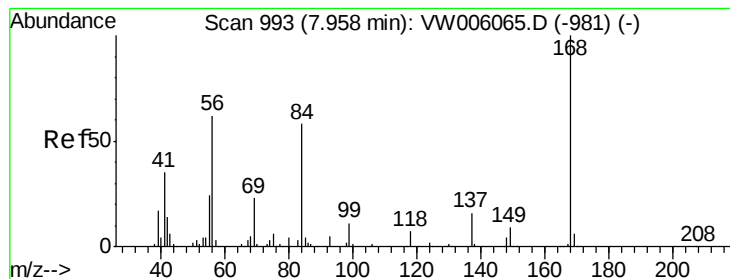
Tgt Ion: 43 Resp: 1132
Ion Ratio Lower Upper
43 100
74 17.3 20.5 30.7#



#20
Methylene Chloride
Concen: 1.32 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW006535.D
Acq: 31 Oct 2018 19:11

Tgt Ion: 84 Resp: 6453
Ion Ratio Lower Upper
84 100
49 106.1 93.6 140.4
51 37.7 29.0 43.4
86 58.6 52.6 79.0





#31

Cyclohexane

Concen: 1.38 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.01 min

Lab File: VW006535.D

Acq: 31 Oct 2018 19:11

Instrument :
MSVOA_W
ClientSampleId :
HR-05-102618-ARE

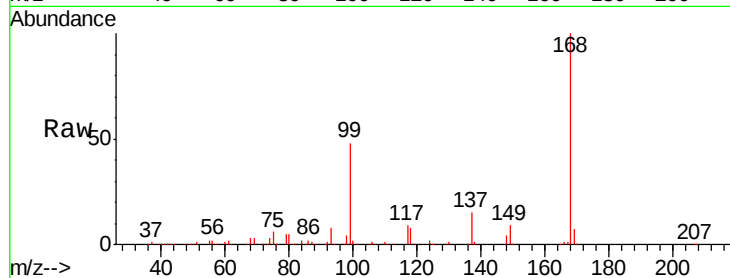
Tgt Ion: 56 Resp: 5284

Ion Ratio Lower Upper

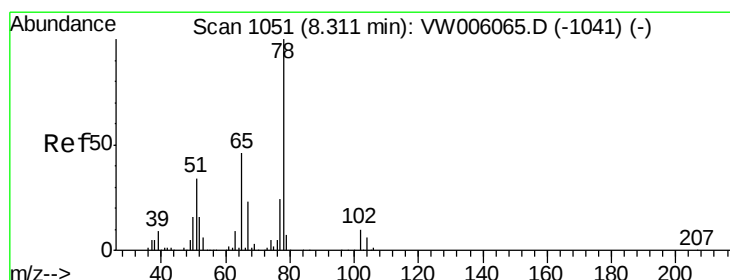
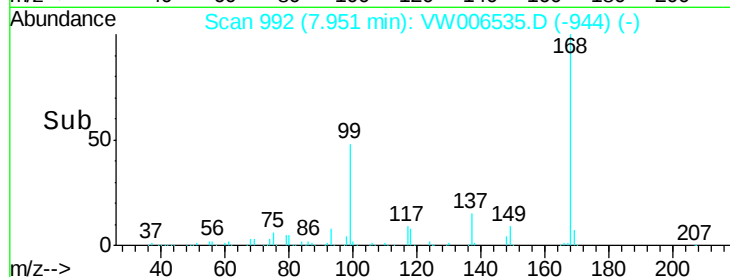
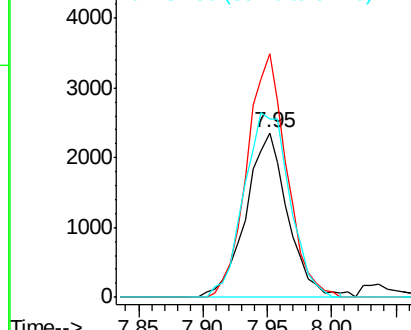
56 100

69 148.2 29.4 44.0#

84 108.8 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: 59.35 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006535.D

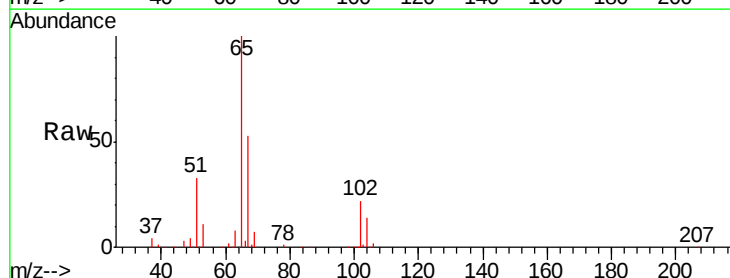
Acq: 31 Oct 2018 19:11

Tgt Ion: 65 Resp: 124436

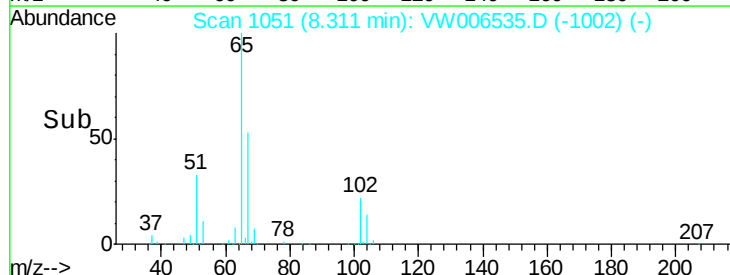
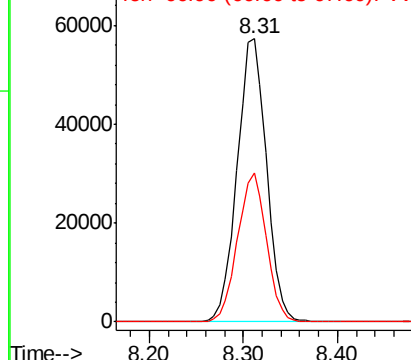
Ion Ratio Lower Upper

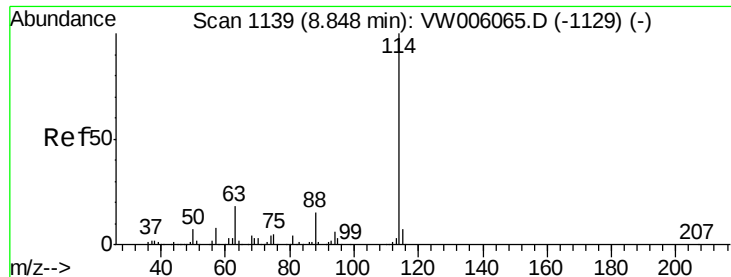
65 100

67 51.6 0.0 101.0



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

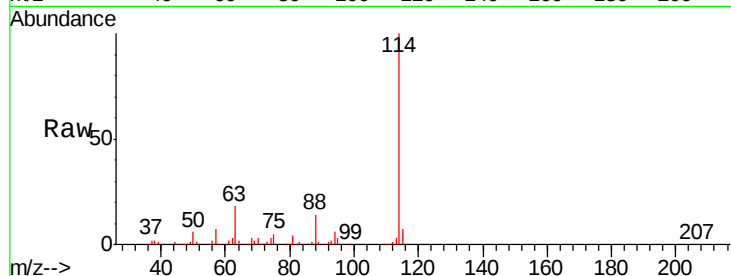




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW006535.D
 Acq: 31 Oct 2018 19:11

Instrument :
 MSVOA_W
 ClientSampleId :
 HR-05-102618-ARE

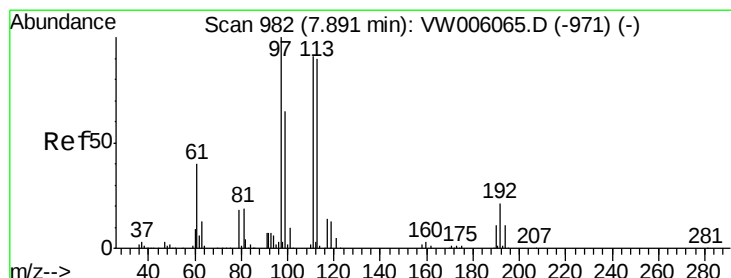
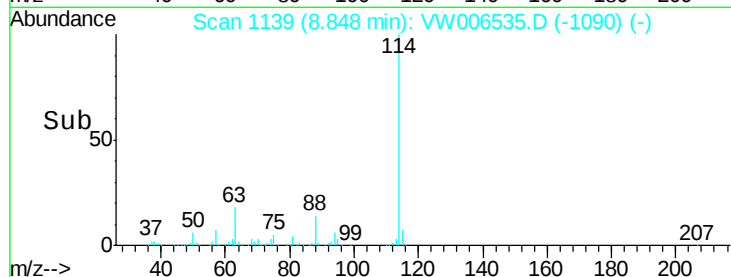
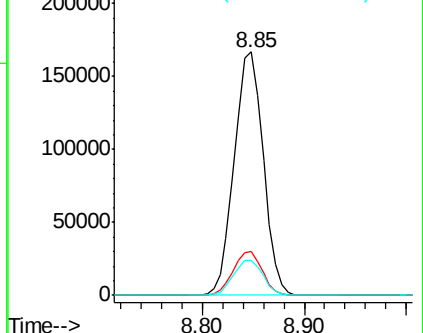
Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.8	0.0	36.8
88	14.2	0.0	29.0



Abundance Ion 113.90 (113.60 to 114.60): V

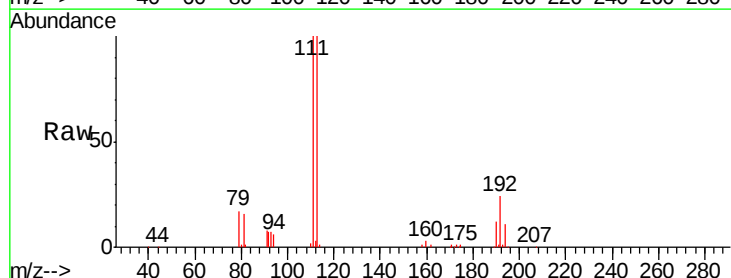
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 66.72 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006535.D
 Acq: 31 Oct 2018 19:11

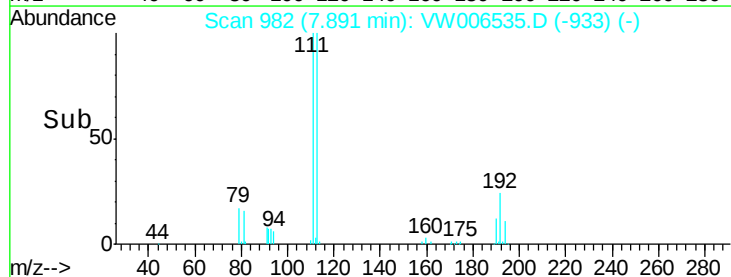
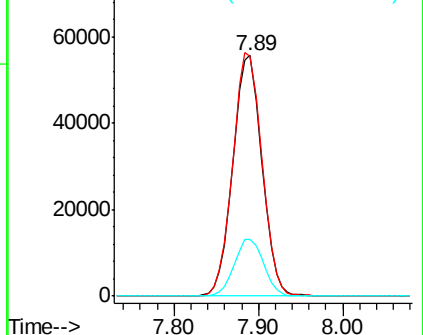
Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.4	122.0
192	24.0	18.7	28.1

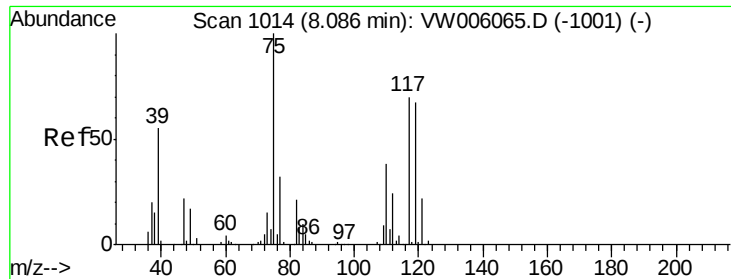


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

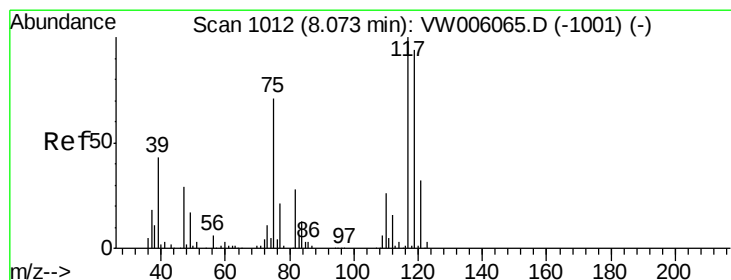
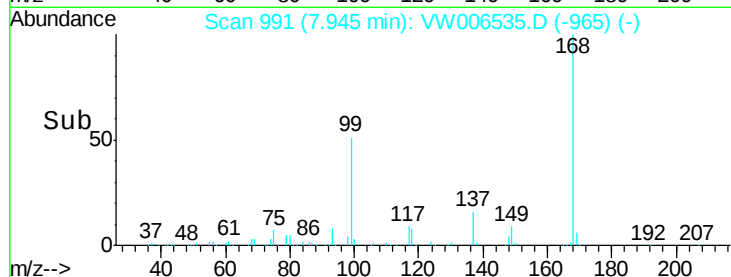
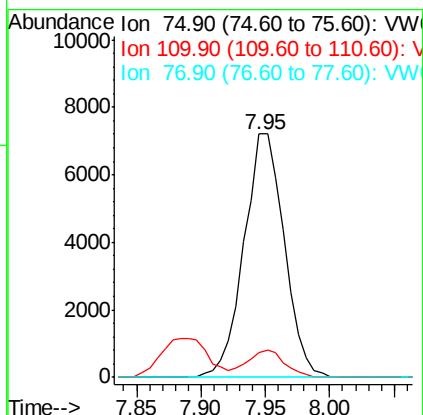
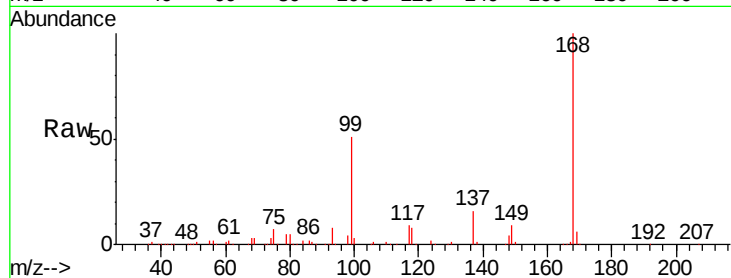




#36
 1,1-Dichloropropene
 Concen: 5.14 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.14 min
 Lab File: VW006535.D
 Acq: 31 Oct 2018 19:11

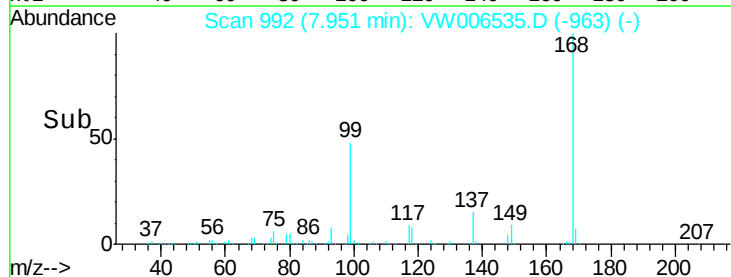
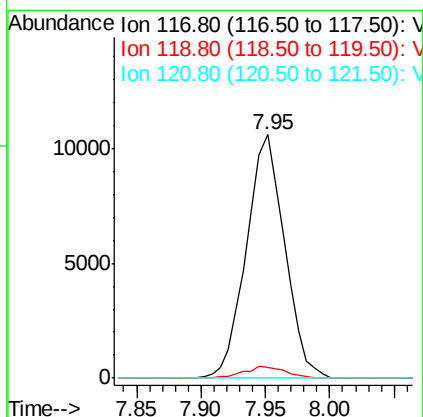
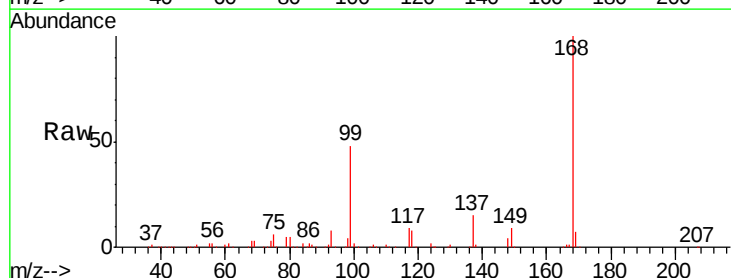
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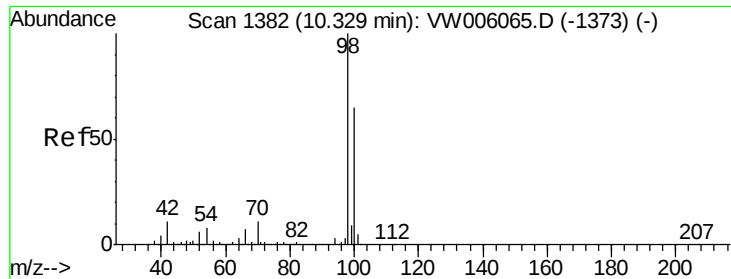
Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.2	19.1	57.1#
77	0.0	25.0	37.4#



#38
 Carbon Tetrachloride
 Concen: 6.55 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006535.D
 Acq: 31 Oct 2018 19:11

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.5	75.2	112.8#
121	0.0	25.3	37.9#





#50

Toluene-d8

Concen: 23.34 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006535.D

Acq: 31 Oct 2018 19:11

Instrument :

MSVOA_W

ClientSampleId :

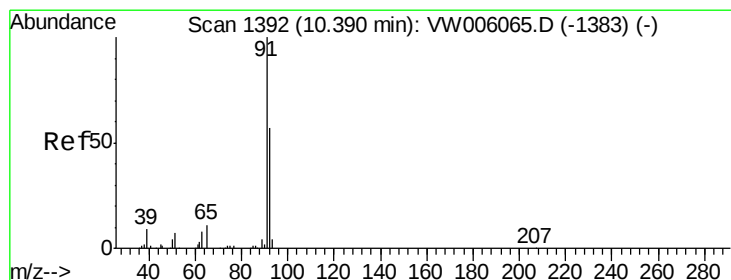
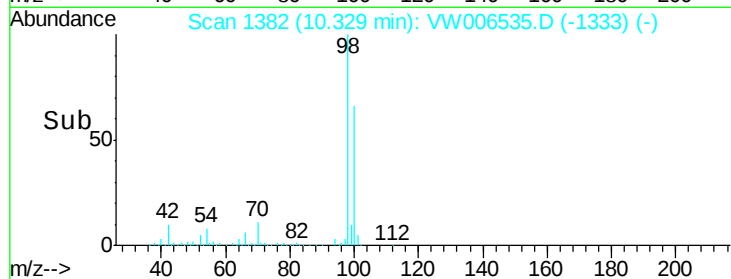
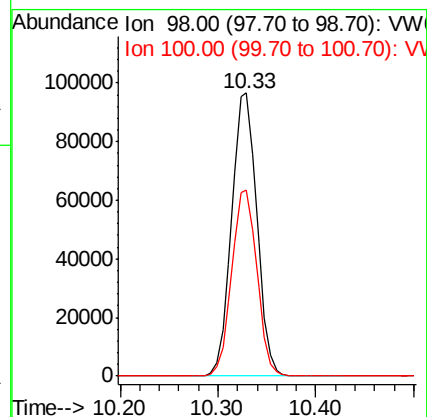
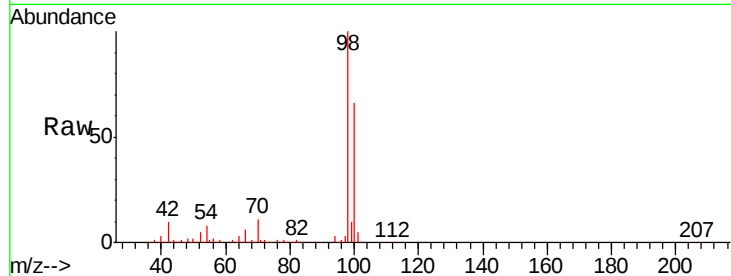
HR-05-102618-ARE

Tgt Ion: 98 Resp: 172719

Ion Ratio Lower Upper

98 100

100 66.0 51.6 77.4



#52

Toluene

Concen: 1.11 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW006535.D

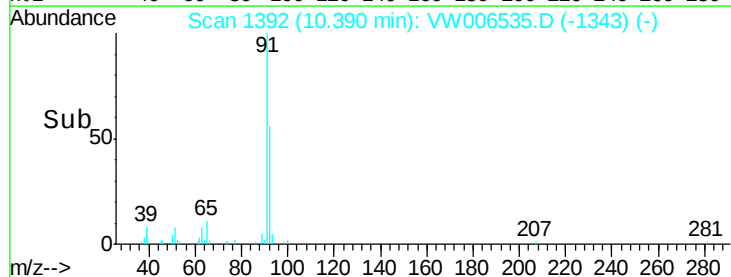
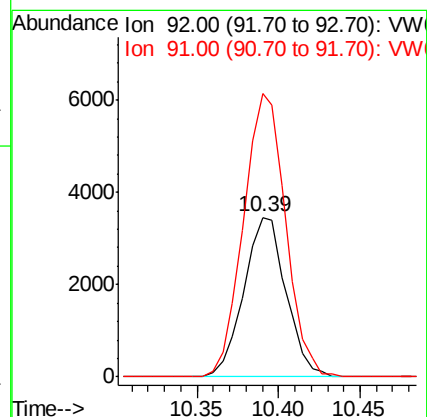
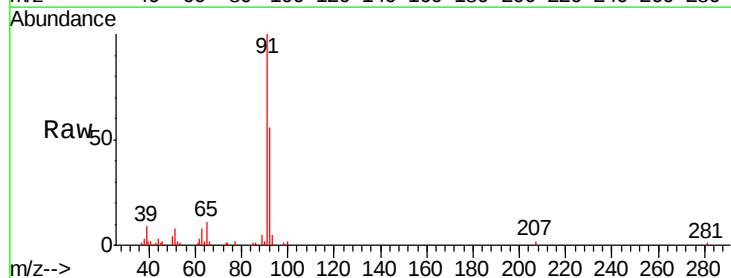
Acq: 31 Oct 2018 19:11

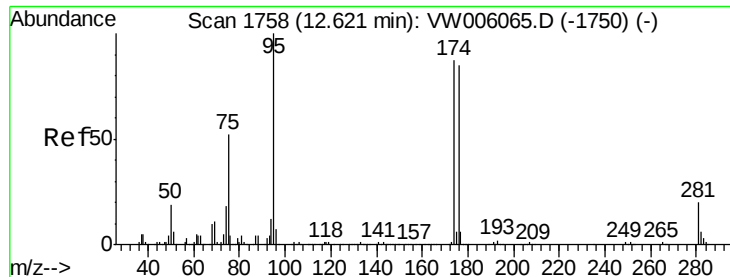
Tgt Ion: 92 Resp: 6218

Ion Ratio Lower Upper

92 100

91 177.4 140.0 210.0





#62

4-Bromofluorobenzene

Concen: 56.84 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW006535.D

Acq: 31 Oct 2018 19:11

Instrument :

MSVOA_W

ClientSampleId :

HR-05-102618-ARE

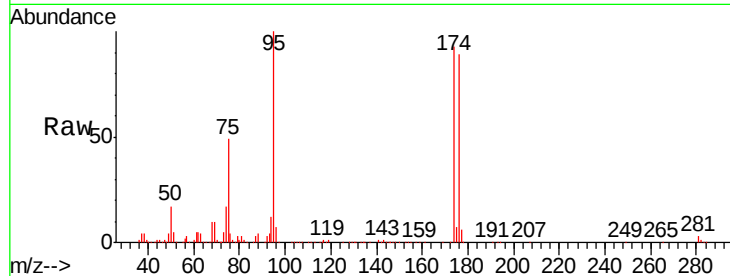
Tgt Ion: 95 Resp: 158004

Ion Ratio Lower Upper

95 100

174 96.9 0.0 186.0

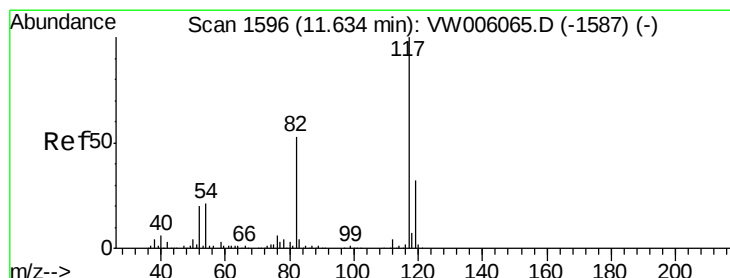
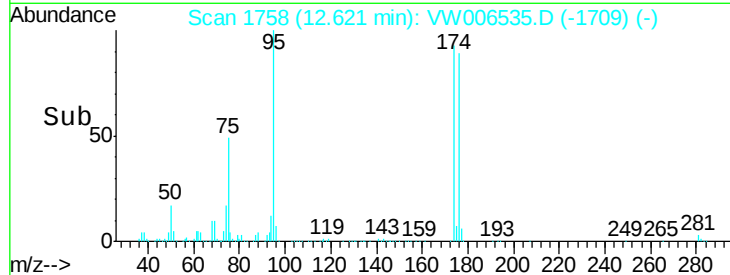
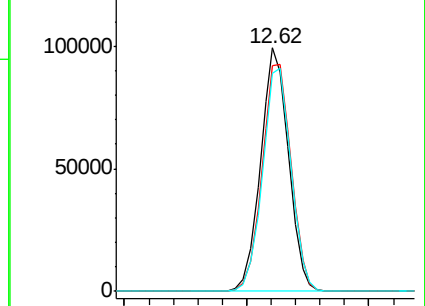
176 93.6 0.0 181.6



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



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. -0.00 min

Lab File: VW006535.D

Acq: 31 Oct 2018 19:11

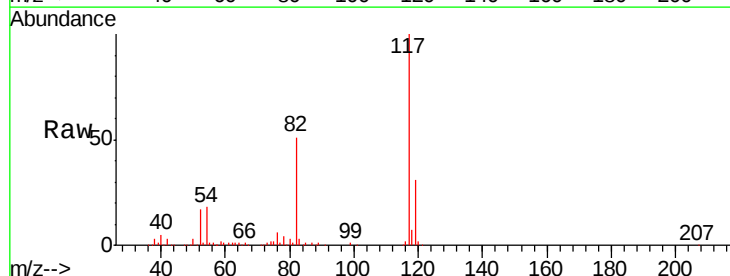
Tgt Ion: 117 Resp: 190311

Ion Ratio Lower Upper

117 100

82 51.3 42.1 63.1

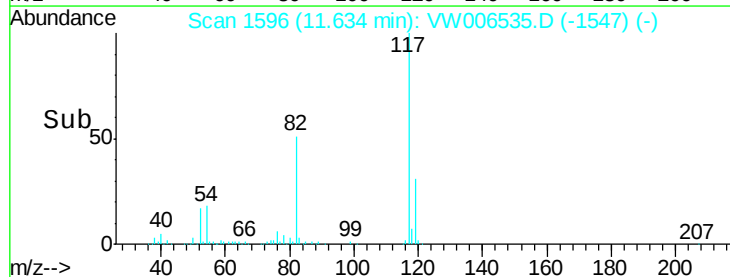
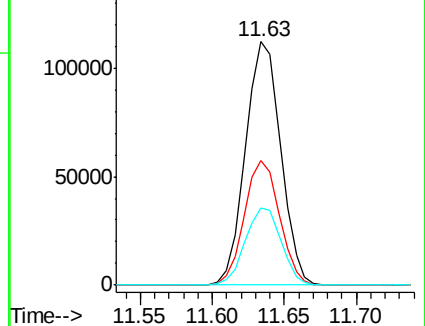
119 31.5 25.8 38.6

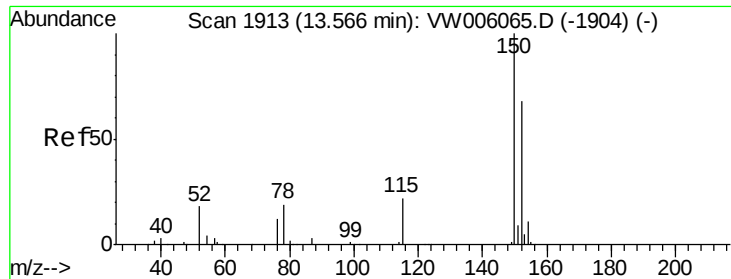


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

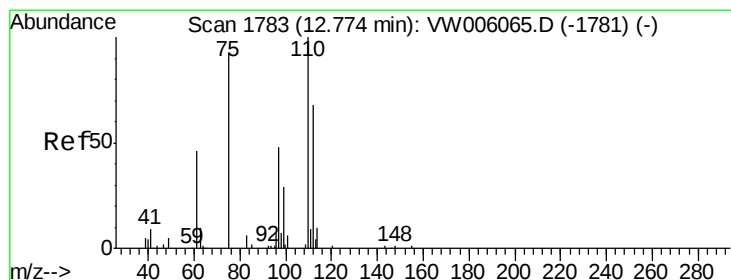
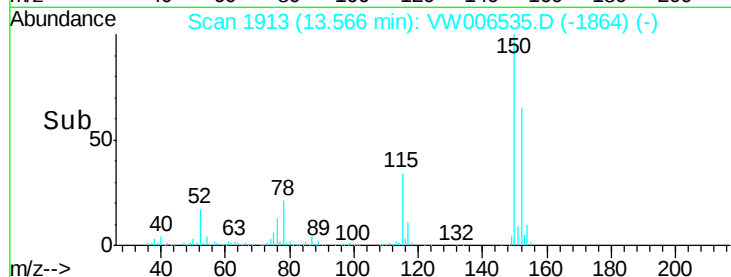
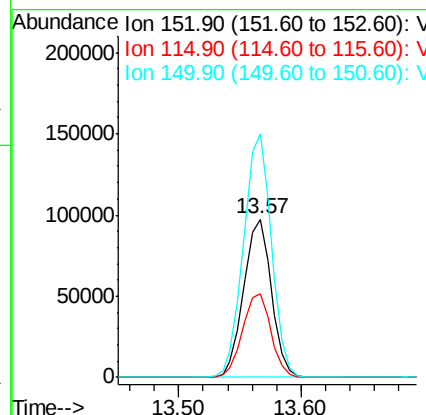
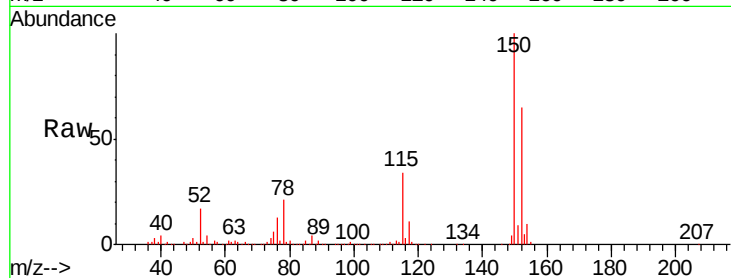




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.57 min Scan# 1913
 Delta R.T. -0.00 min
 Lab File: VW006535.D
 Acq: 31 Oct 2018 19:11

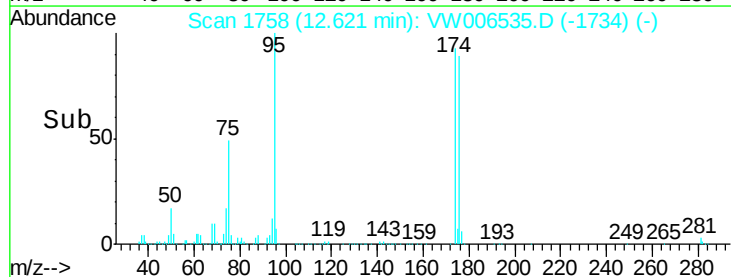
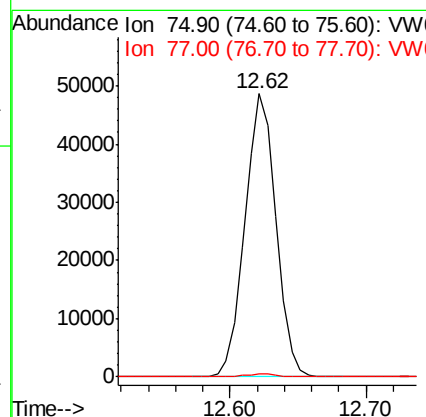
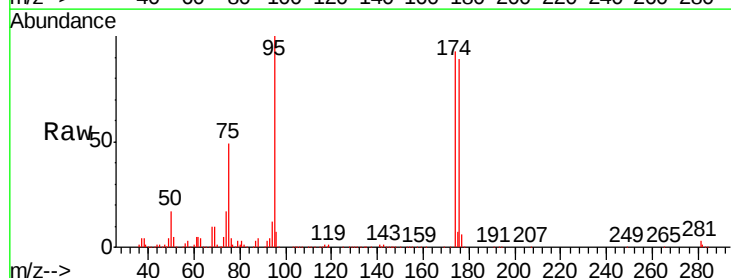
Instrument :
 MSVOA_W
 ClientSampleId :
 HR-05-102618-ARE

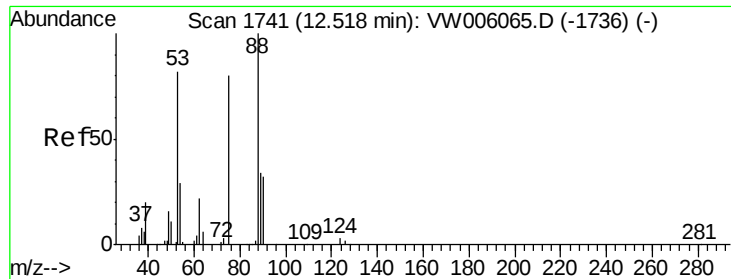
Tgt Ion:152 Resp: 152688
 Ion Ratio Lower Upper
 152 100
 115 54.5 27.8 83.3
 150 155.3 0.0 349.2



#76
 1,2,3-Trichloropropane
 Concen: 66.42 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.15 min
 Lab File: VW006535.D
 Acq: 31 Oct 2018 19:11

Tgt Ion: 75 Resp: 77463
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 158.77 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006535.D

Acq: 31 Oct 2018 19:11

Instrument :

MSVOA_W

ClientSampleId :

HR-05-102618-ARE

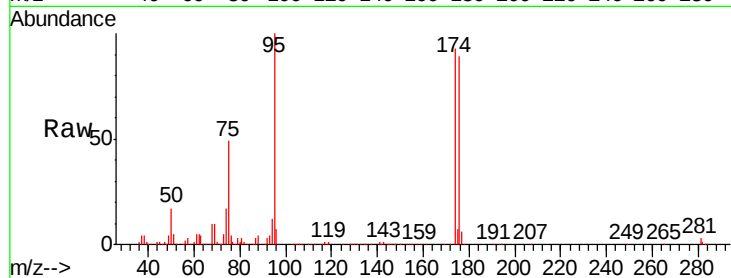
Tgt Ion: 75 Resp: 77463

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

