

Data File : VW006838.D
Acq On : 13 Nov 2018 06:34
Operator : SY/AP
Sample : J5860-14
Misc : 4.69G/5ML/MSVOA_W/SOIL
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EP2-FD-01-1118

Quant Time: Nov 13 07:17:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W111218S.M
Quant Title : SW846 8260
QLast Update : Mon Nov 12 14:58:58 2018
Response via : Initial Calibration

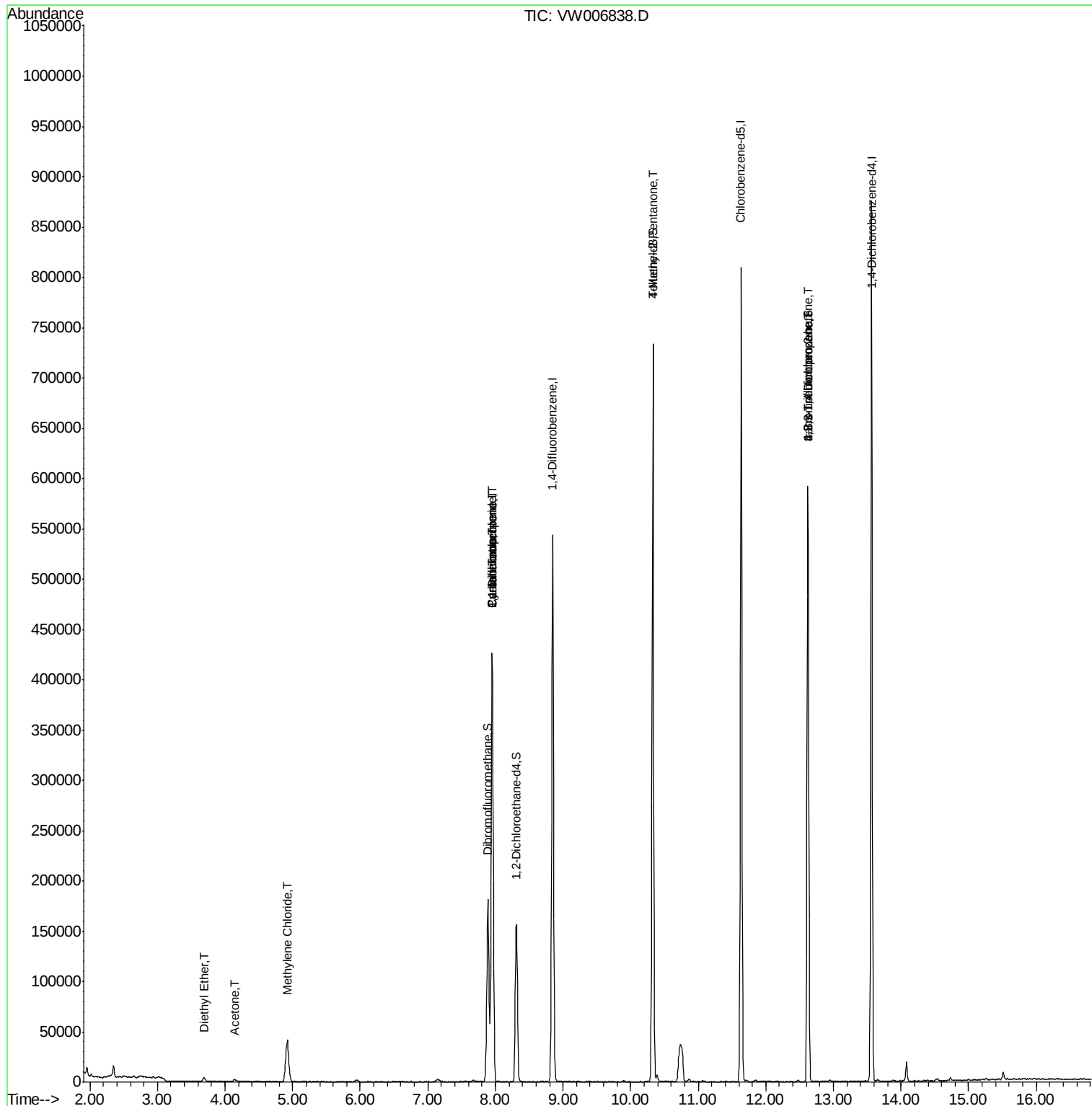
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	356438	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	497437	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	477954	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	246891	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	127842	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
35) Dibromofluoromethane	7.89	113	128761	43.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.94%	
50) Toluene-d8	10.33	98	509628	41.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.02%	
62) 4-Bromofluorobenzene	12.62	95	173928	38.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.92%	
Target Compounds						
8) Diethyl Ether	3.68	74	2653	1.923	ug/l	100
16) Acetone	4.14	43	4287	11.456	ug/l #	83
20) Methylene Chloride	4.92	84	34790	5.595	ug/l	98
31) Cyclohexane	7.95	56	5696	1.141	ug/l #	23
36) 1,1-Dichloropropene	7.95	75	21582	4.636	ug/l #	48
38) Carbon Tetrachloride	7.95	117	30445	6.017	ug/l #	15
51) 4-Methyl-2-Pentanone	10.33	43	1896	1.277	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	83121	46.717	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	83121	115.557	ug/l #	13

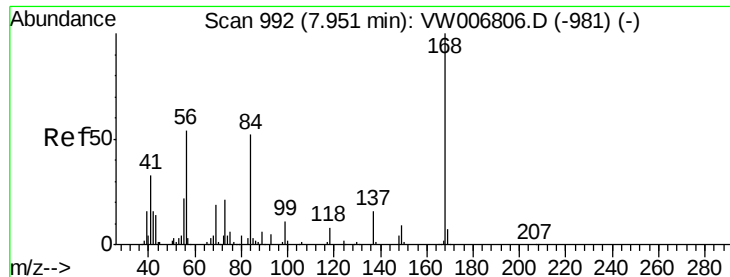
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampled :
EP2-FD-01-1118

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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: VW006838.D

Acq: 13 Nov 2018 06:34

Instrument :

MSVOA_W

ClientSampleId :

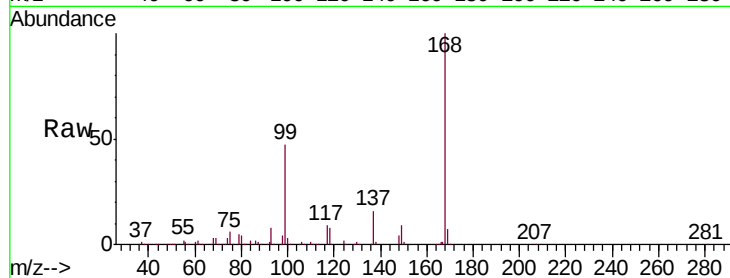
EP2-FD-01-1118

Tgt Ion:168 Resp: 356438

Ion Ratio Lower Upper

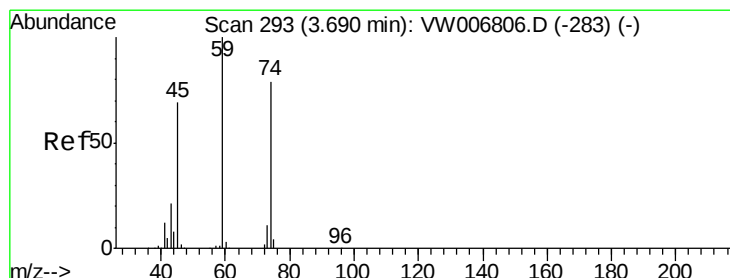
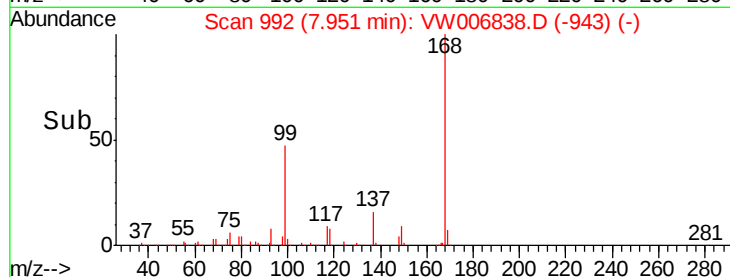
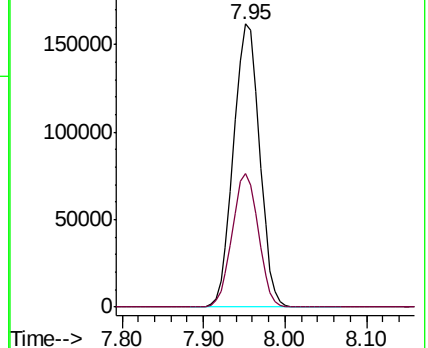
168 100

99 47.2 37.3 55.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#8

Diethyl Ether

Concen: 1.923 ug/l

RT: 3.68 min Scan# 292

Delta R.T. -0.01 min

Lab File: VW006838.D

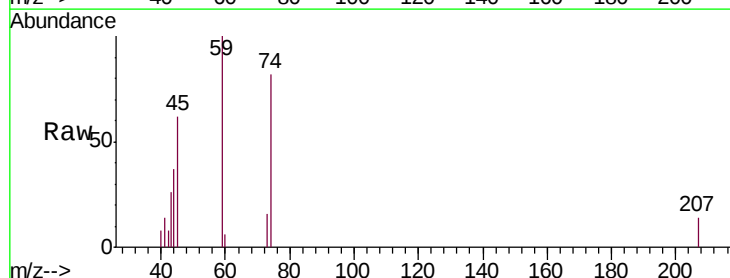
Acq: 13 Nov 2018 06:34

Tgt Ion: 74 Resp: 2653

Ion Ratio Lower Upper

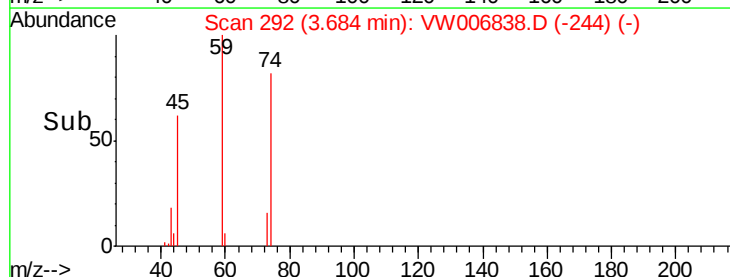
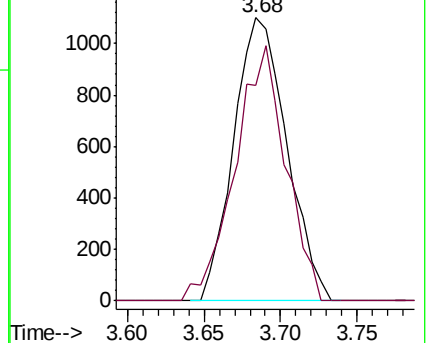
74 100

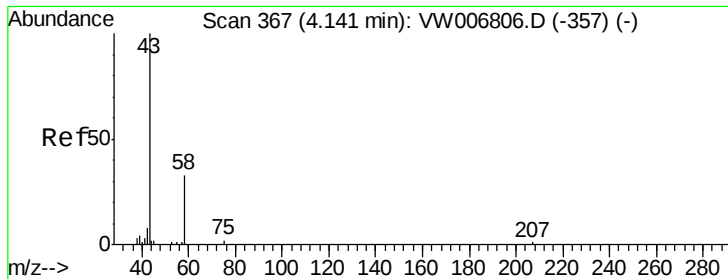
45 86.1 43.1 129.4



Abundance Ion 74.00 (73.70 to 74.70): VW

Ion 45.00 (44.70 to 45.70): VW

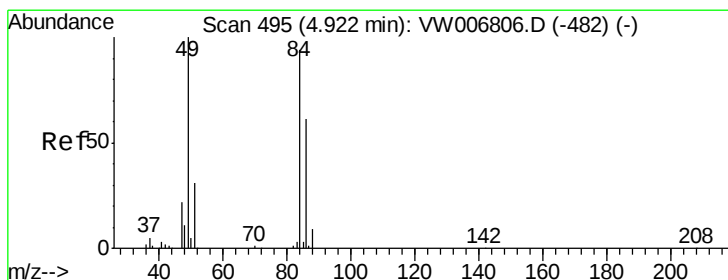
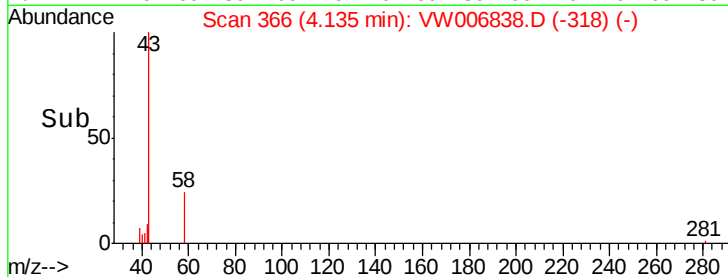
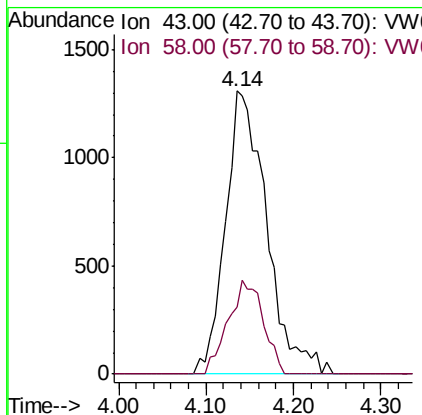
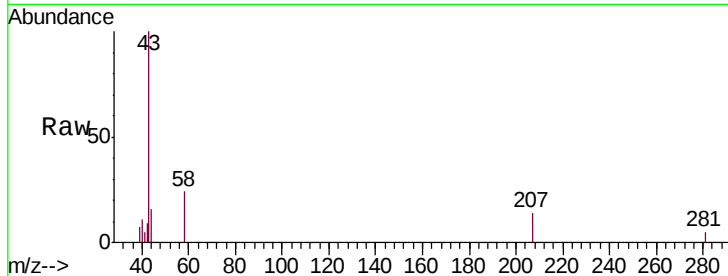




#16
Acetone
Concen: 11.456 ug/l
RT: 4.14 min Scan# 366
Delta R.T. -0.01 min
Lab File: VW006838.D
Acq: 13 Nov 2018 06:34

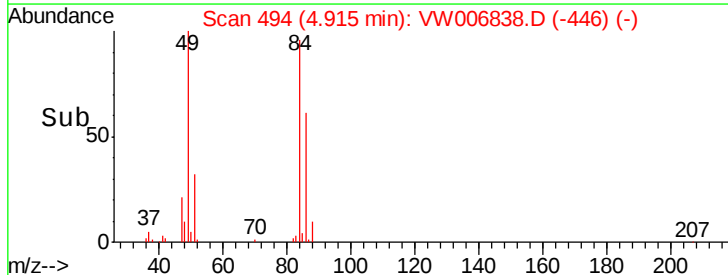
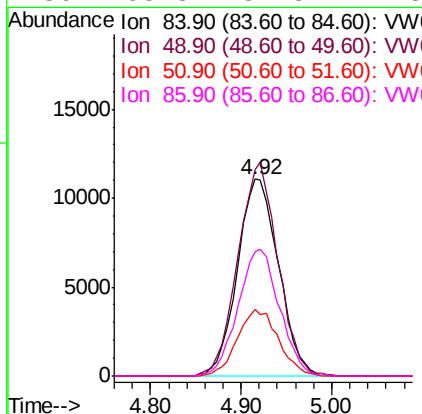
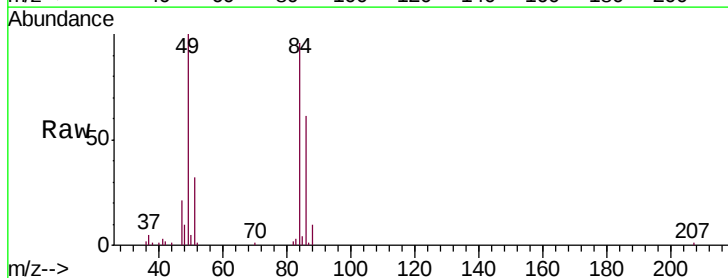
Instrument :
MSVOA_W
ClientSampleId :
EP2-FD-01-1118

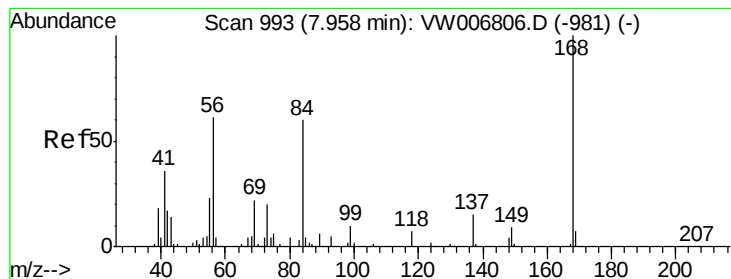
Tgt Ion: 43 Resp: 4287
Ion Ratio Lower Upper
43 100
58 23.7 26.5 39.7#



#20
Methylene Chloride
Concen: 5.595 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW006838.D
Acq: 13 Nov 2018 06:34

Tgt Ion: 84 Resp: 34790
Ion Ratio Lower Upper
84 100
49 104.5 84.8 127.2
51 34.0 26.2 39.4
86 63.3 51.8 77.8





#31

Cyclohexane

Concen: 1.141 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW006838.D

Acq: 13 Nov 2018 06:34

Instrument :

MSVOA_W

ClientSampleId :

EP2-FD-01-1118

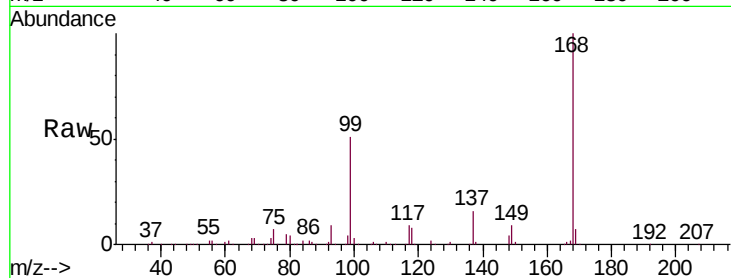
Tgt Ion: 56 Resp: 5696

Ion Ratio Lower Upper

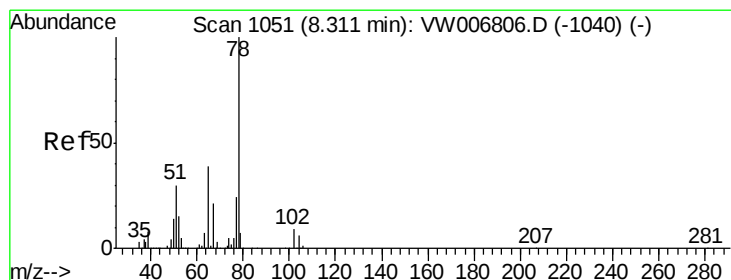
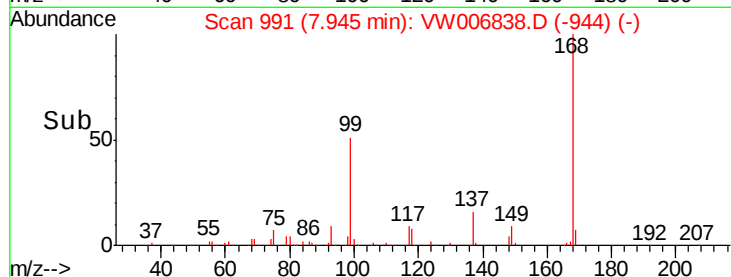
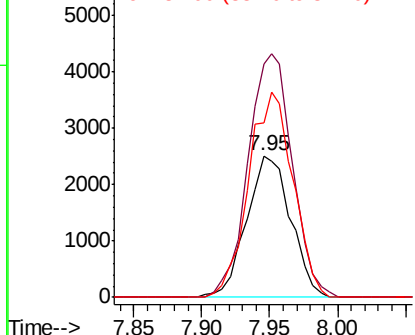
56 100

69 164.9 28.9 43.3#

84 123.1 79.0 118.4#



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: 49.063 ug/l

RT: 8.31 min Scan# 1051

Delta R.T. 0.00 min

Lab File: VW006838.D

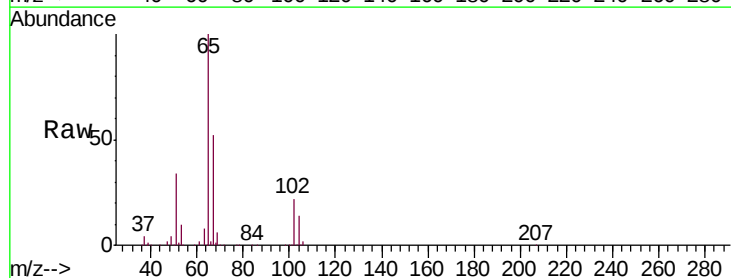
Acq: 13 Nov 2018 06:34

Tgt Ion: 65 Resp: 127842

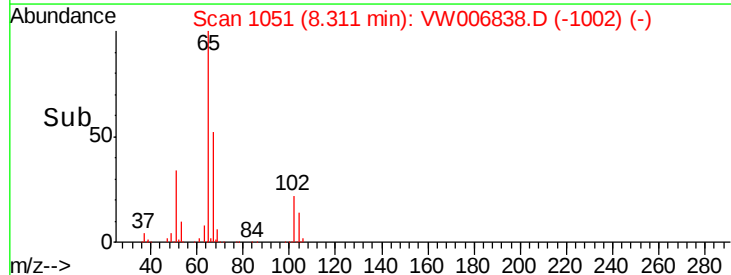
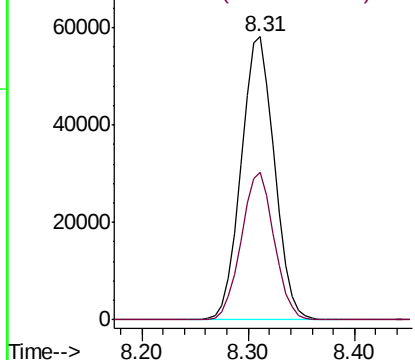
Ion Ratio Lower Upper

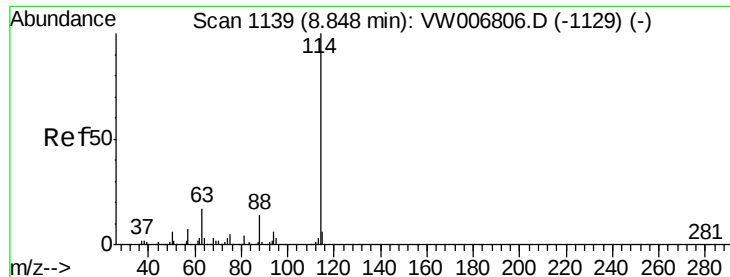
65 100

67 51.6 0.0 104.4



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

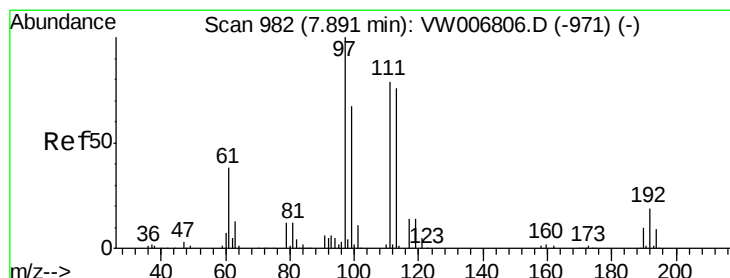
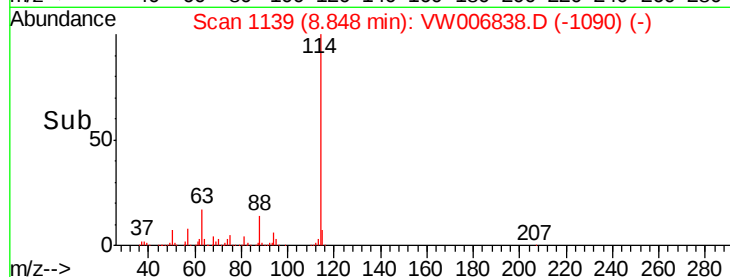
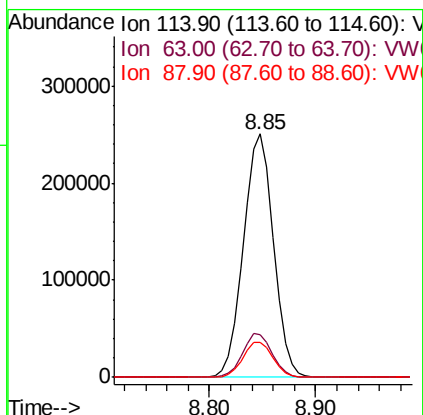
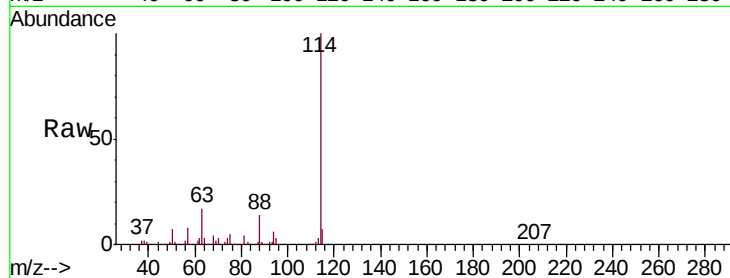




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.00 min
 Lab File: VW006838.D
 Acq: 13 Nov 2018 06:34

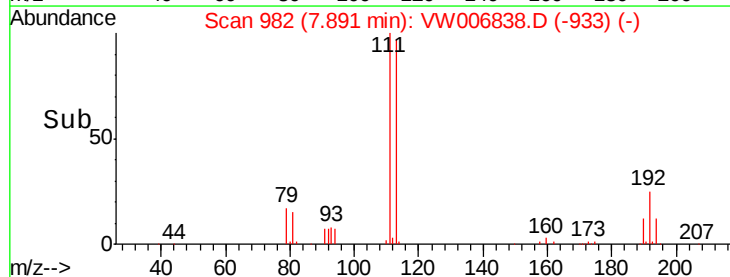
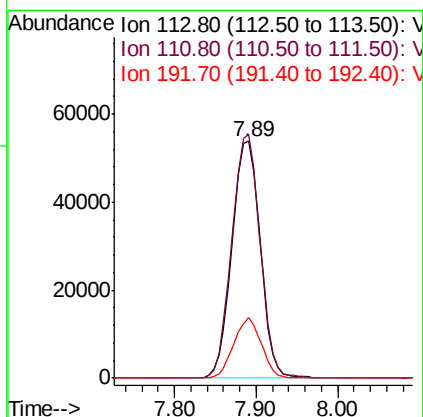
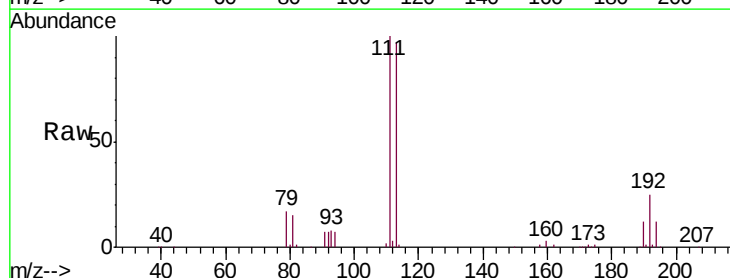
Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-FD-01-1118

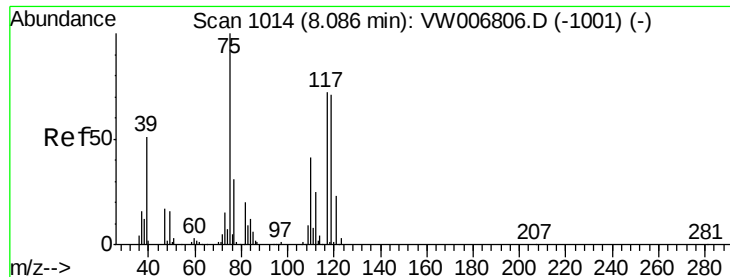
Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.4	0.0	33.6
88	14.5	0.0	28.4



#35
 Dibromofluoromethane
 Concen: 43.470 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. 0.00 min
 Lab File: VW006838.D
 Acq: 13 Nov 2018 06:34

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.0	121.6
192	24.6	19.0	28.6

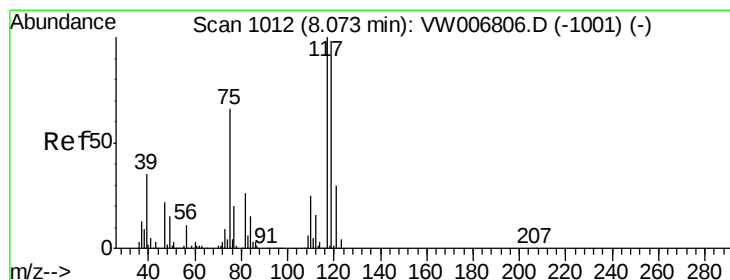
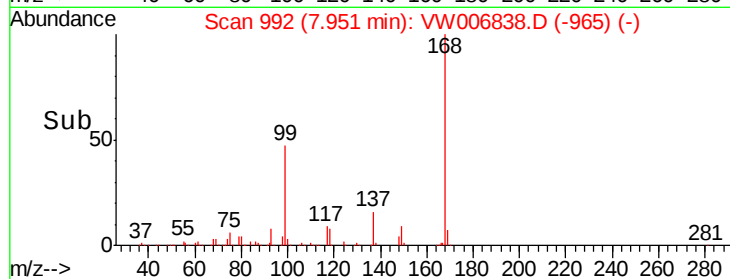
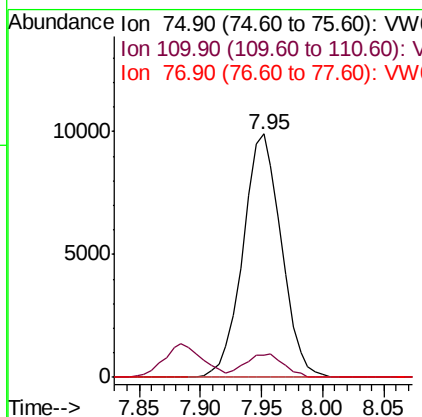
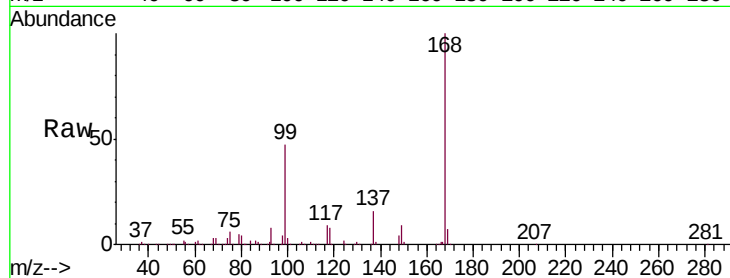




#36
 1,1-Dichloropropene
 Concen: 4.636 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW006838.D
 Acq: 13 Nov 2018 06:34

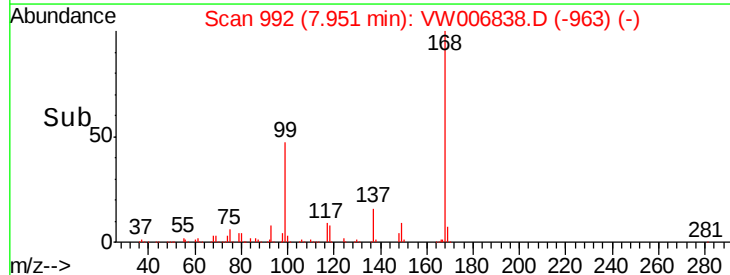
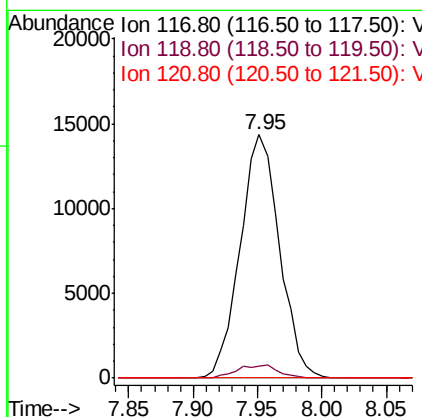
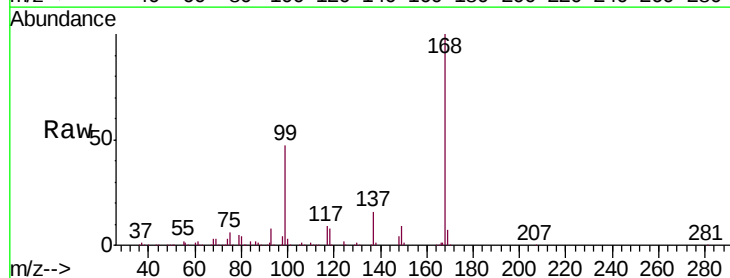
Instrument :
 MSVOA_W
 ClientSampleId :
 EP2-FD-01-1118

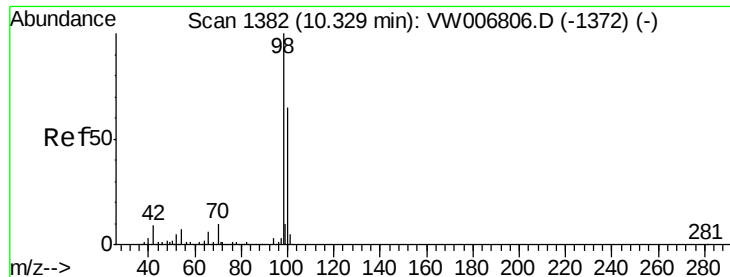
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.8	19.9	59.6#
77	0.0	25.4	38.2#



#38
 Carbon Tetrachloride
 Concen: 6.017 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW006838.D
 Acq: 13 Nov 2018 06:34

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.0	78.5	117.7#
121	0.0	24.2	36.2#





#50

Toluene-d8

Concen: 41.509 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW006838.D

Acq: 13 Nov 2018 06:34

Instrument :

MSVOA_W

ClientSampleId :

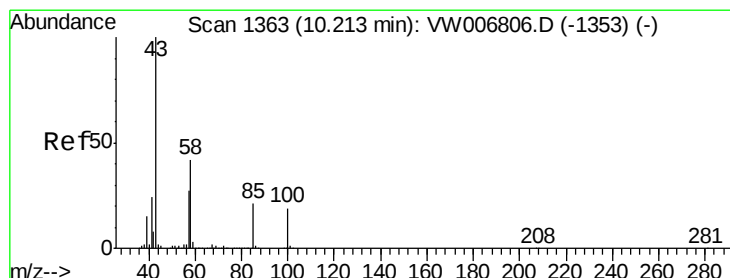
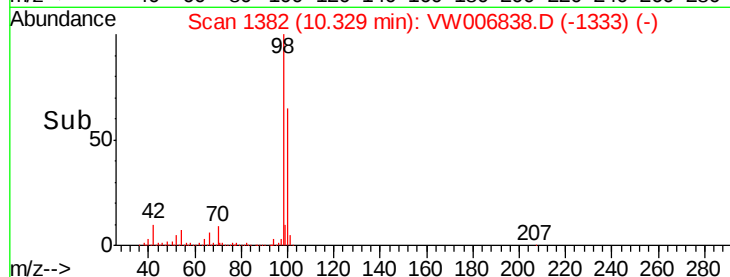
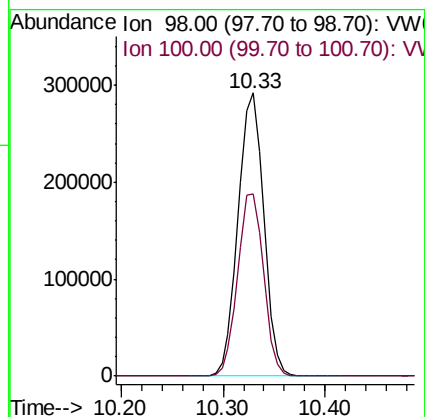
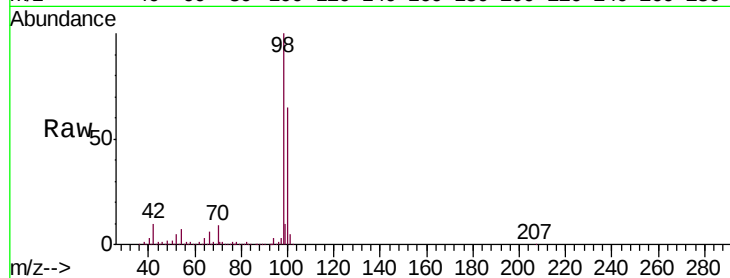
EP2-FD-01-1118

Tgt Ion: 98 Resp: 509628

Ion Ratio Lower Upper

98 100

100 64.8 51.4 77.2



#51

4-Methyl-2-Pentanone

Concen: 1.277 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.12 min

Lab File: VW006838.D

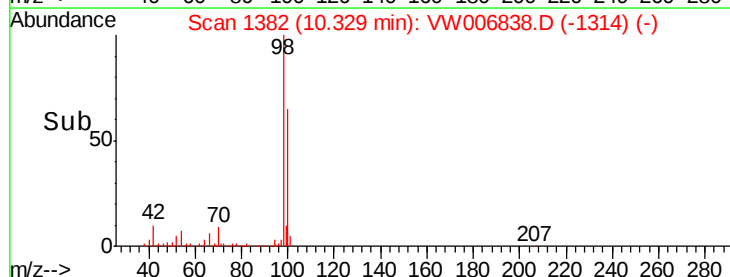
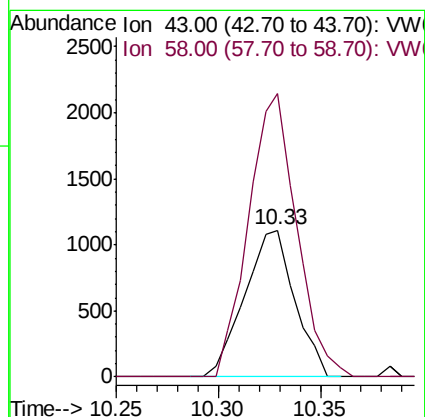
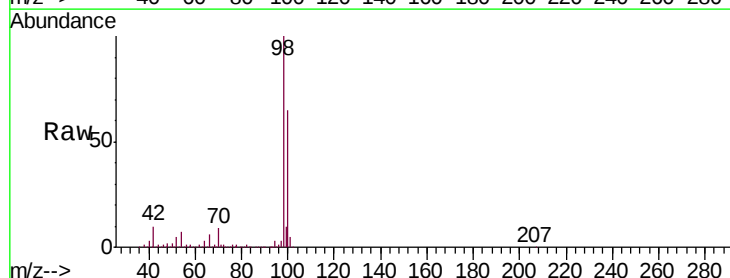
Acq: 13 Nov 2018 06:34

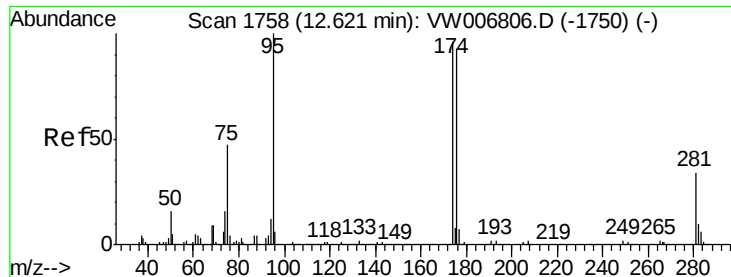
Tgt Ion: 43 Resp: 1896

Ion Ratio Lower Upper

43 100

58 185.5 34.0 51.0#





#62

4-Bromofluorobenzene

Concen: 38.463 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW006838.D

Acq: 13 Nov 2018 06:34

Instrument :

MSVOA_W

ClientSampleId :

EP2-FD-01-1118

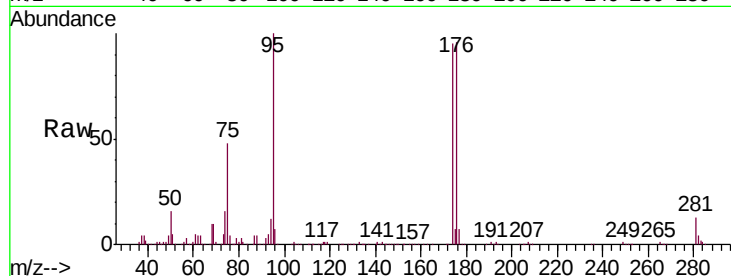
Tgt Ion: 95 Resp: 173928

Ion Ratio Lower Upper

95 100

174 99.4 0.0 196.6

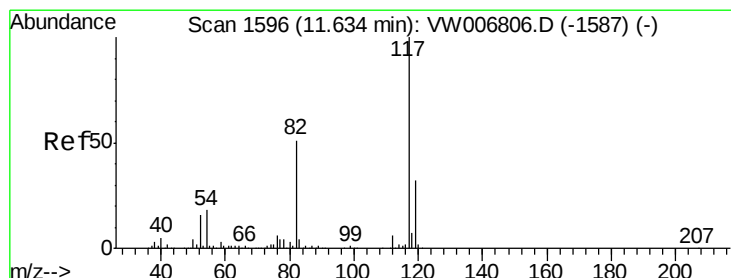
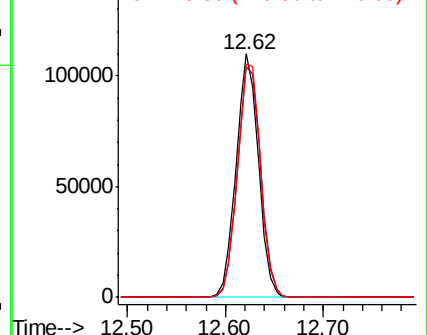
176 99.2 0.0 191.6



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: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.00 min

Lab File: VW006838.D

Acq: 13 Nov 2018 06:34

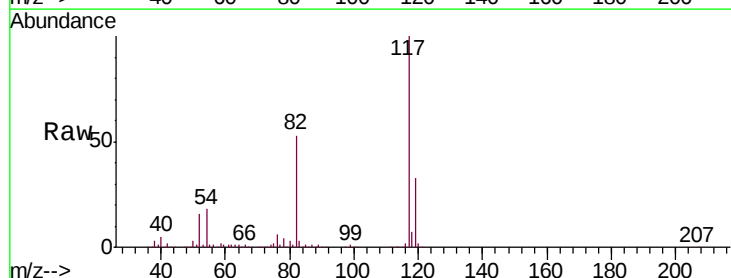
Tgt Ion: 117 Resp: 477954

Ion Ratio Lower Upper

117 100

82 53.1 40.6 61.0

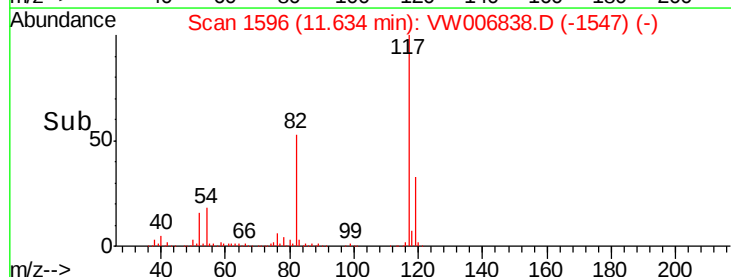
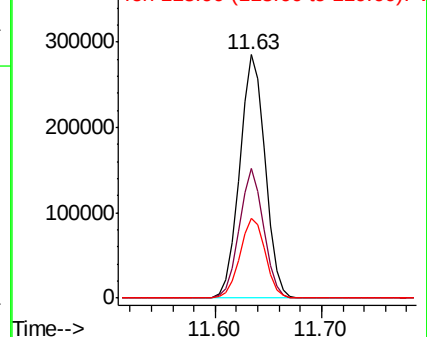
119 32.6 25.5 38.3

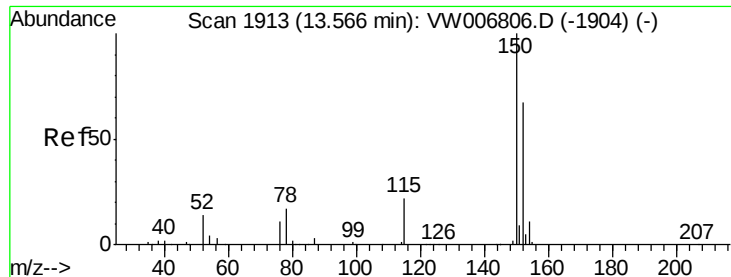


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.01 min

Lab File: VW006838.D

Acq: 13 Nov 2018 06:34

Instrument :

MSVOA_W

ClientSampleId :

EP2-FD-01-1118

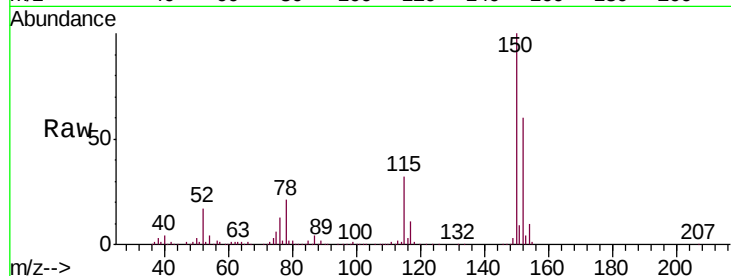
Tgt Ion:152 Resp: 246891

Ion Ratio Lower Upper

152 100

115 53.3 27.3 81.8

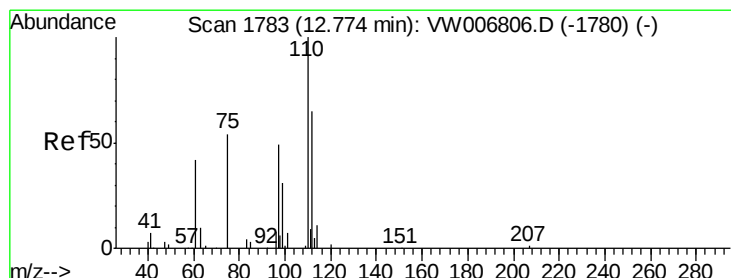
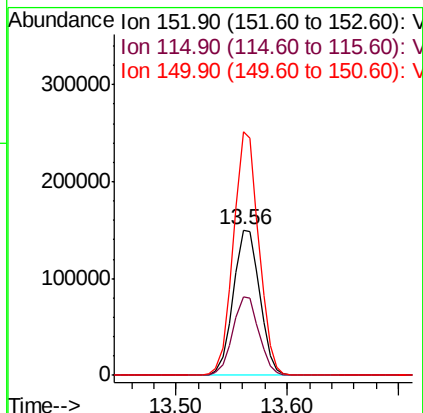
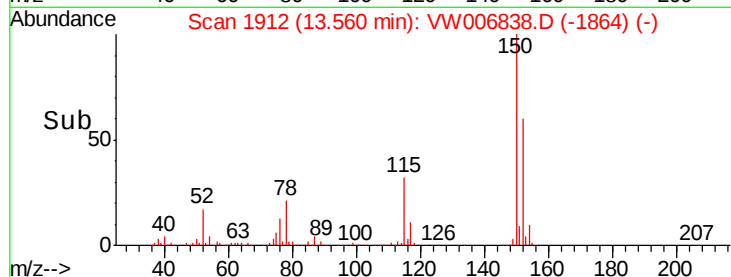
150 160.4 0.0 353.0



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: 46.717 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW006838.D

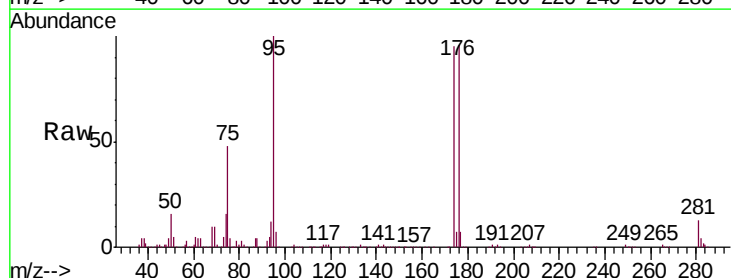
Acq: 13 Nov 2018 06:34

Tgt Ion: 75 Resp: 83121

Ion Ratio Lower Upper

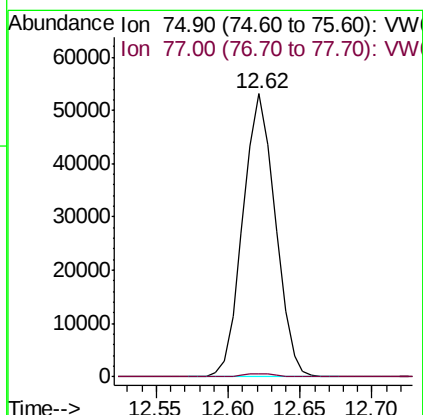
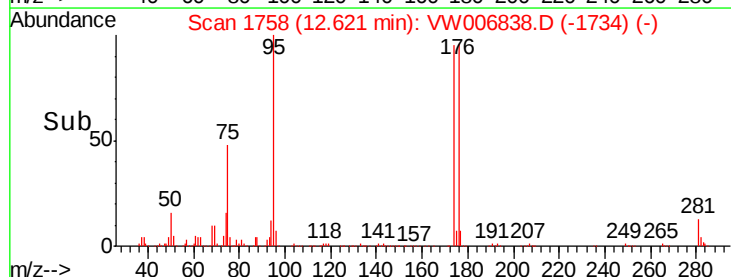
75 100

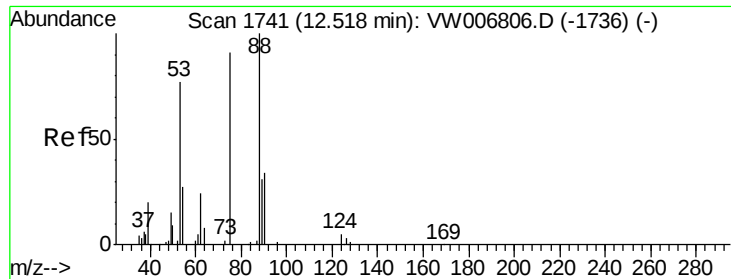
77 1.2 0.0 0.0#



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: 115.557 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW006838.D

Acq: 13 Nov 2018 06:34

Instrument :

MSVOA_W

ClientSampleId :

EP2-FD-01-1118

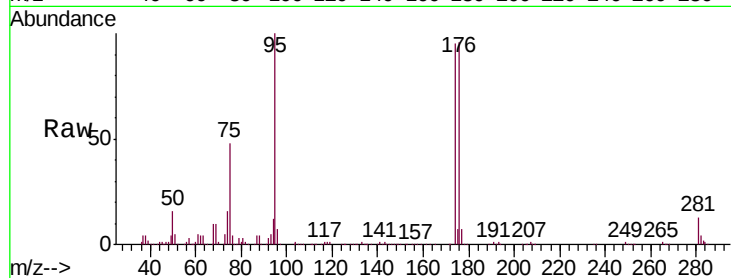
Tgt Ion: 75 Resp: 83121

Ion Ratio Lower Upper

75 100

53 0.0 72.9 109.3#

89 0.2 38.7 58.1#



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

