

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090618\
 Data File : VW005178.D
 Acq On : 06 Sep 2018 21:23
 Operator : SY/AP
 Sample : J4825-18
 Misc : 5.19G/5ML/MSVOA_W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-WS-COMP-18

Quant Time: Sep 07 01:06:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	397969	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	620171	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	592573	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	286060	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	218348	66.19	ug/l	0.00
Spiked Amount			Recovery	=	132.38%	
35) Dibromofluoromethane	7.89	113	196295	54.77	ug/l	0.00
Spiked Amount			Recovery	=	109.54%	
50) Toluene-d8	10.33	98	799155	48.39	ug/l	0.00
Spiked Amount			Recovery	=	96.78%	
62) 4-Bromofluorobenzene	12.62	95	277370	47.63	ug/l	0.00
Spiked Amount			Recovery	=	95.26%	

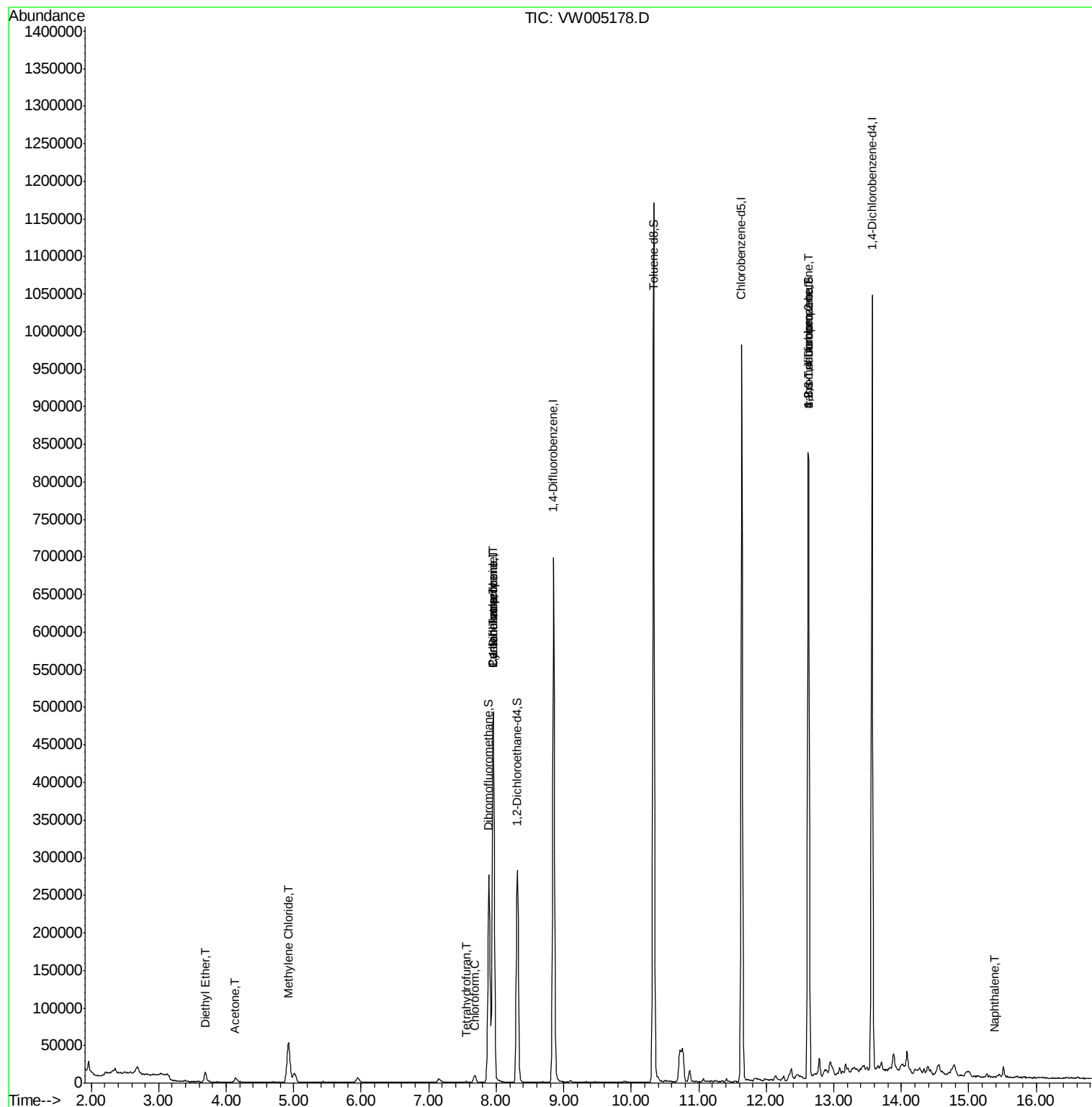
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.76	94	754	Below Cal	#	51
8) Diethyl Ether	3.69	74	7005	3.803	ug/l	93
11) Tert butyl alcohol	5.17	59	231	Below Cal	#	72
16) Acetone	4.14	43	9992	15.103	ug/l	91
20) Methylene Chloride	4.93	84	44564	6.591	ug/l	95
29) Tetrahydrofuran	7.55	42	921	1.571	ug/l #	78
30) Chloroform	7.68	83	7820	1.158	ug/l	92
31) Cyclohexane	7.95	56	6706	1.035	ug/l #	1
36) 1,1-Dichloropropene	7.96	75	27224	4.609	ug/l #	47
38) Carbon Tetrachloride	7.95	117	36126	6.433	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	129014	60.084	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	129014	144.615	ug/l #	15
95) Naphthalene	15.38	128	1610	4.123	ug/l #	84

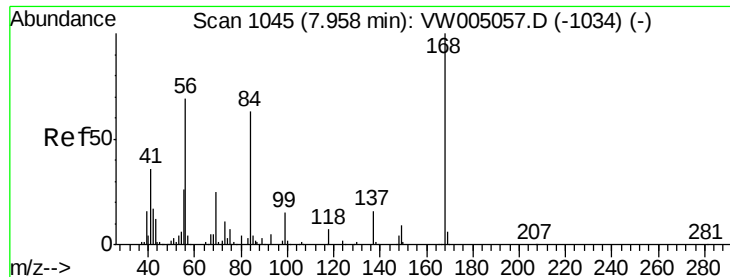
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005178.D

Acq: 06 Sep 2018 21:23

Instrument :

MSVOA_W

ClientSampleId :

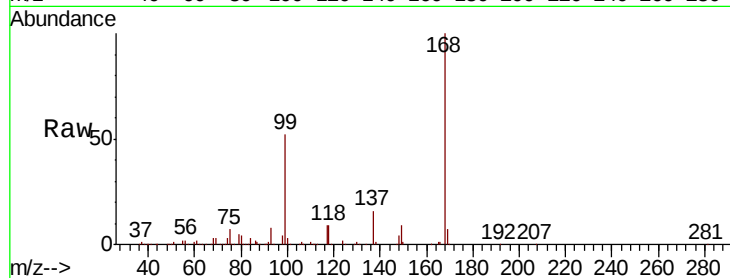
EP1-WS-COMP-18

Tgt Ion:168 Resp: 397969

Ion Ratio Lower Upper

168 100

99 51.8 39.4 59.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.96

200000

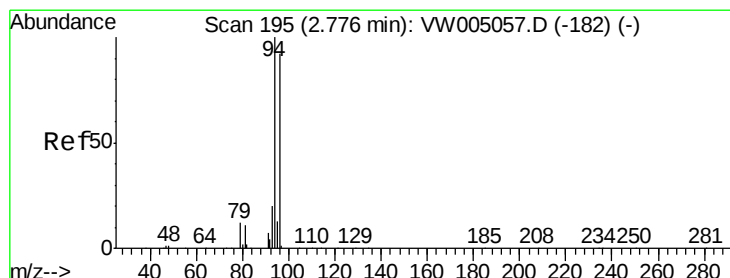
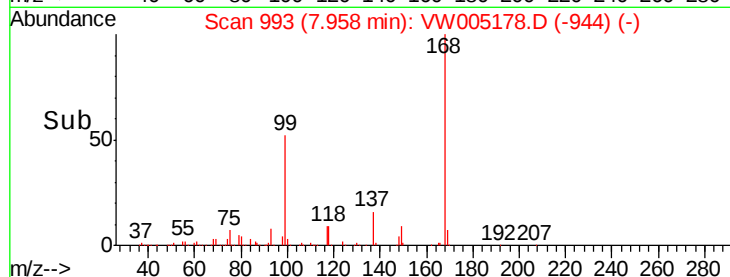
150000

100000

50000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 2.76 min Scan# 141

Delta R.T. -0.01 min

Lab File: VW005178.D

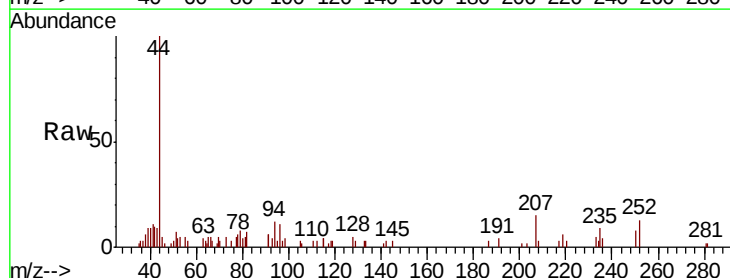
Acq: 06 Sep 2018 21:23

Tgt Ion: 94 Resp: 754

Ion Ratio Lower Upper

94 100

96 45.2 73.2 109.8#



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW

500

400

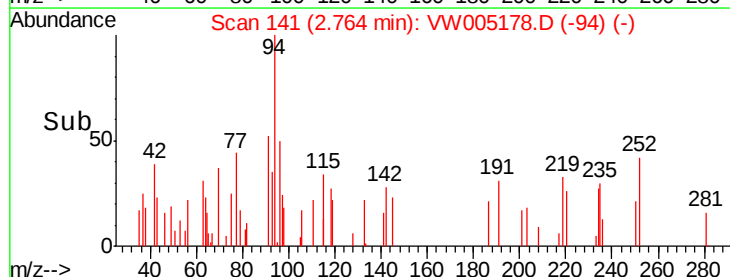
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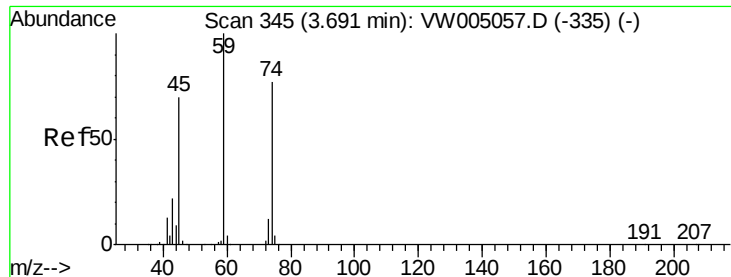
200

100

0

Time-->





#8

Diethyl Ether

Concen: 3.803 ug/l

RT: 3.69 min Scan# 293

Delta R.T. -0.00 min

Lab File: VW005178.D

Acq: 06 Sep 2018 21:23

Instrument :

MSVOA_W

ClientSampleId :

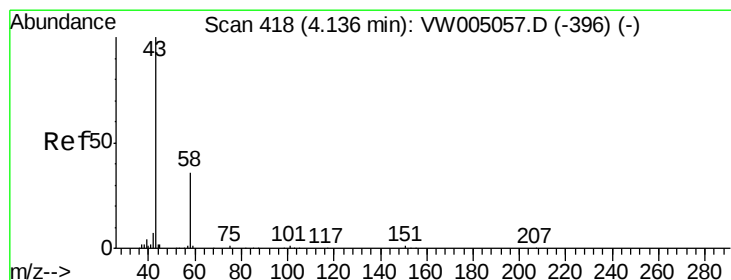
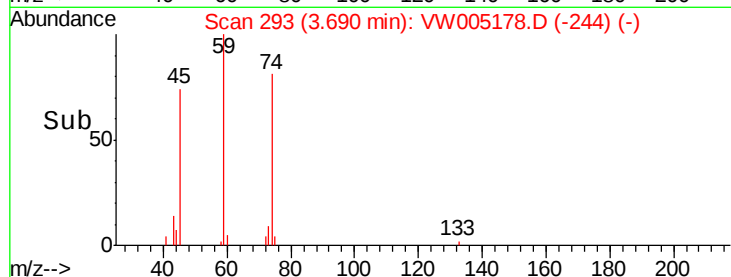
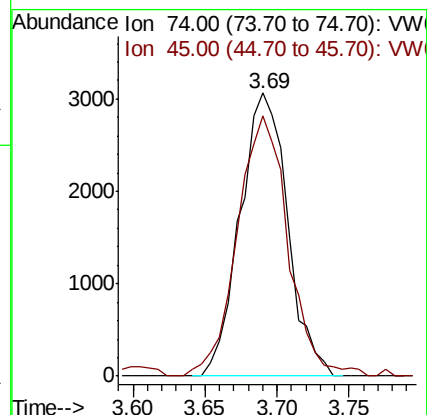
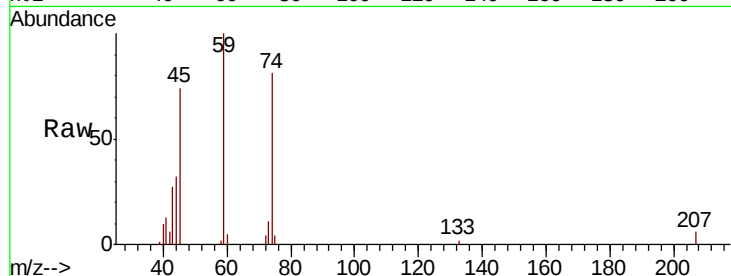
EP1-WS-COMP-18

Tgt Ion: 74 Resp: 7005

Ion Ratio Lower Upper

74 100

45 98.5 46.0 137.8



#16

Acetone

Concen: 15.103 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW005178.D

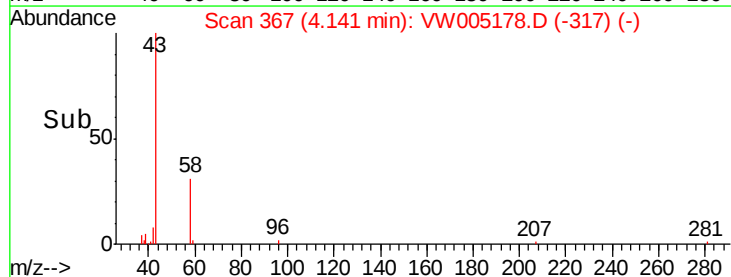
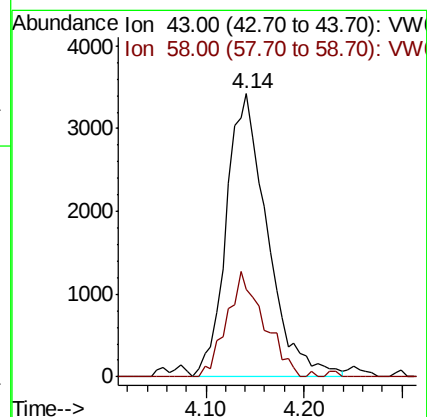
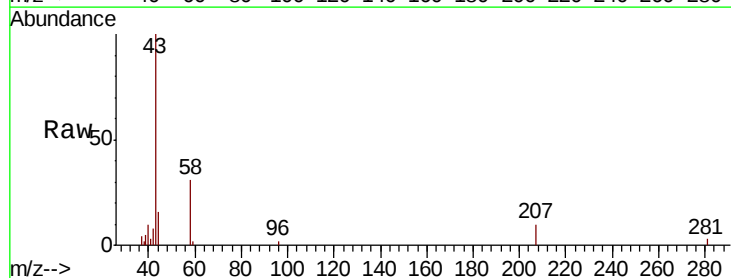
Acq: 06 Sep 2018 21:23

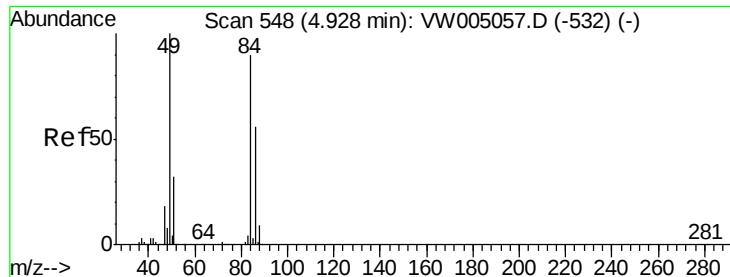
Tgt Ion: 43 Resp: 9992

Ion Ratio Lower Upper

43 100

58 31.0 29.0 43.6





#20

Methylene Chloride

Concen: 6.591 ug/l

RT: 4.93 min Scan# 496

Delta R.T. -0.00 min

Lab File: VW005178.D

Acq: 06 Sep 2018 21:23

Instrument :

MSVOA_W

ClientSampleId :

EP1-WS-COMP-18

Tgt Ion: 84 Resp: 44564

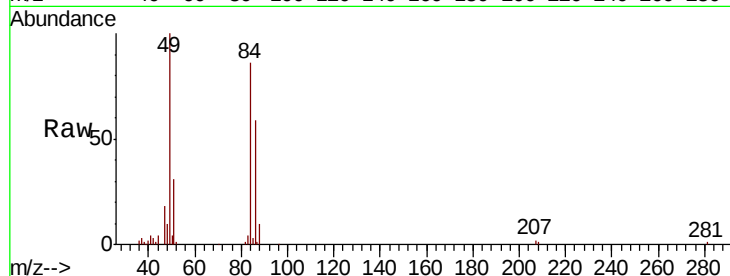
Ion Ratio Lower Upper

84 100

49 115.8 88.7 133.1

51 36.0 28.6 42.8

86 68.1 49.4 74.2

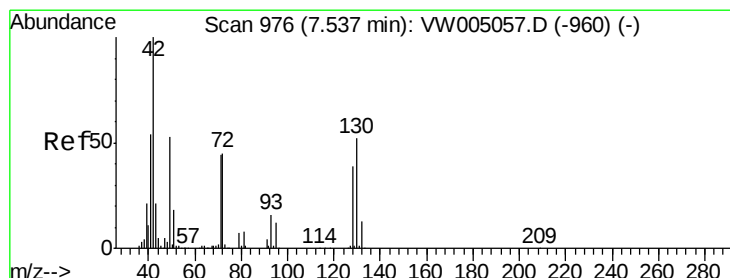
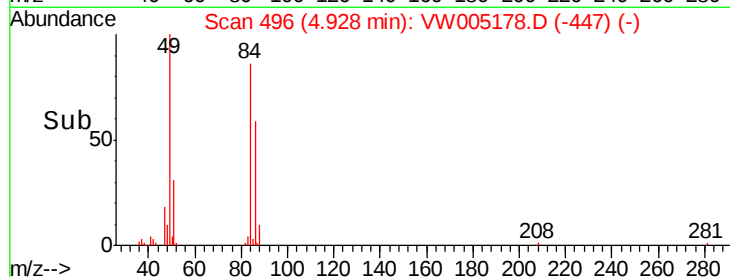
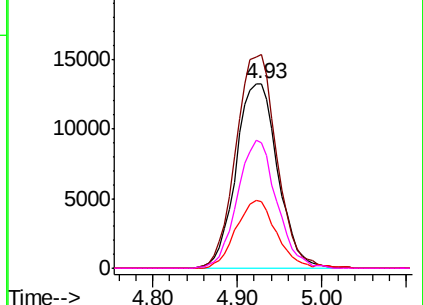


Abundance Ion 83.90 (83.60 to 84.60): VW

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: 1.571 ug/l

RT: 7.55 min Scan# 926

Delta R.T. 0.01 min

Lab File: VW005178.D

Acq: 06 Sep 2018 21:23

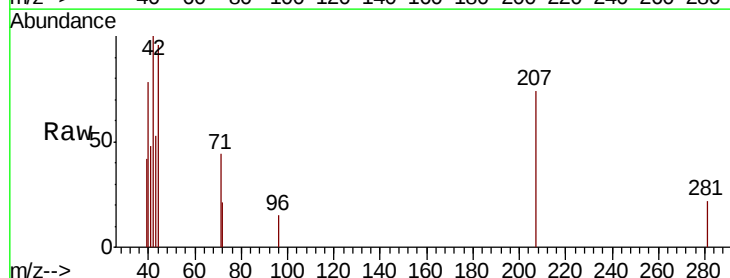
Tgt Ion: 42 Resp: 921

Ion Ratio Lower Upper

42 100

72 30.7 37.0 55.4#

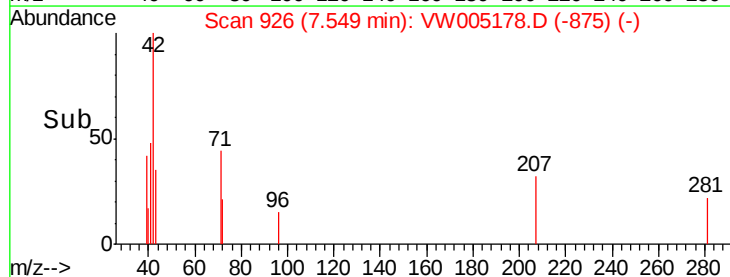
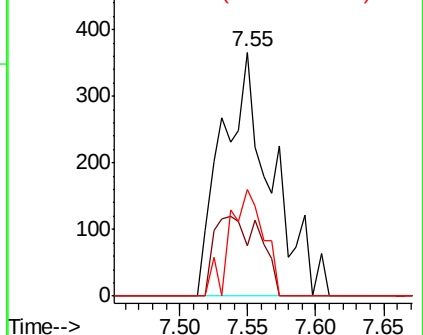
71 30.3 35.0 52.6#

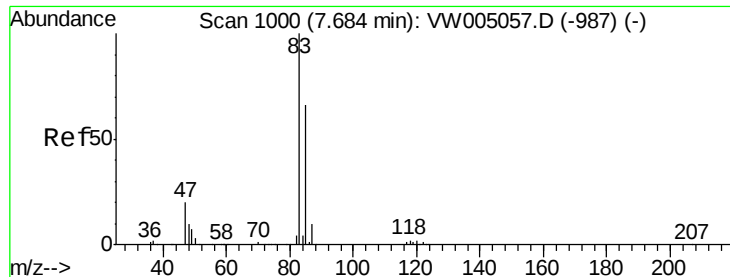


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

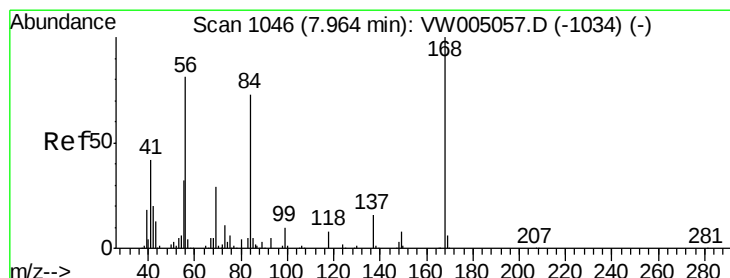
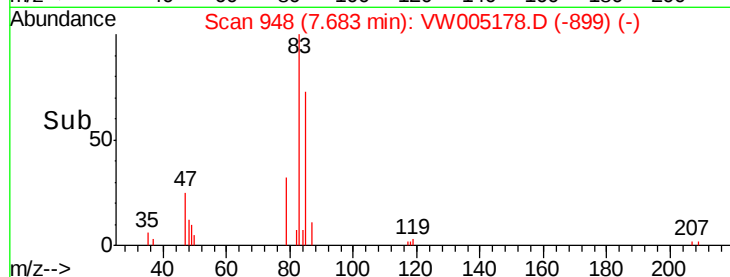
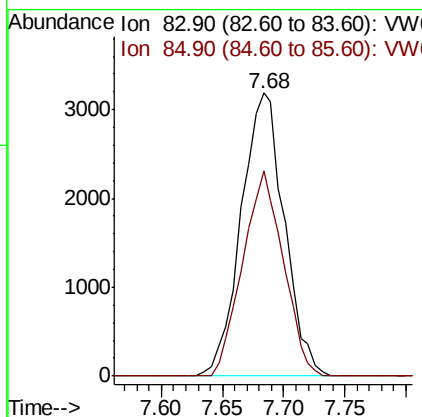
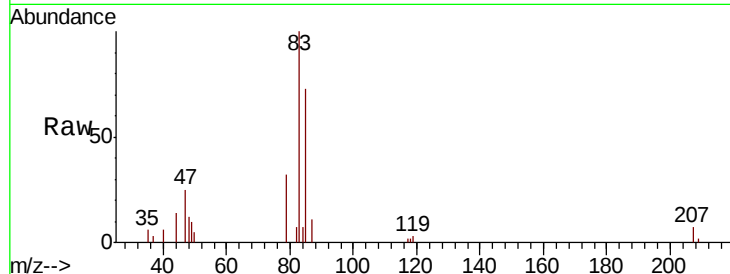




#30
Chloroform
Concen: 1.158 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW005178.D
Acq: 06 Sep 2018 21:23

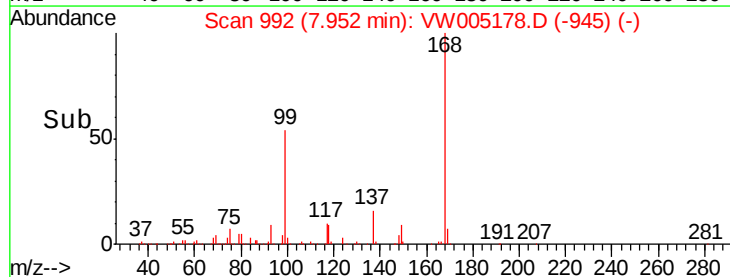
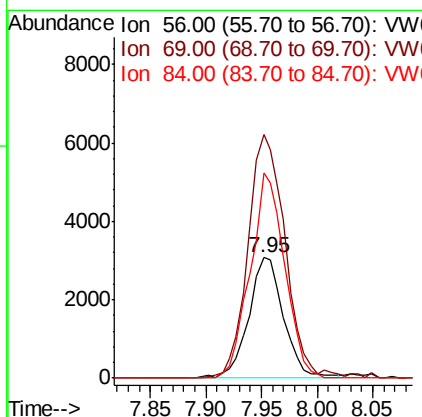
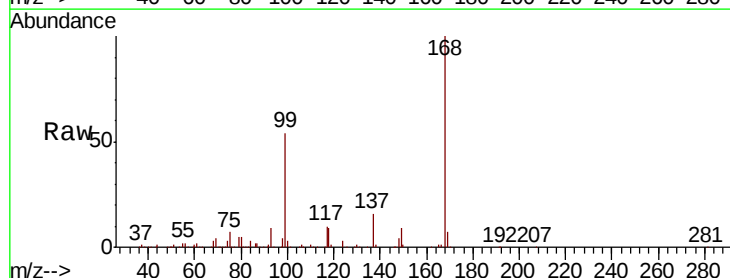
Instrument :
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EP1-WS-COMP-18

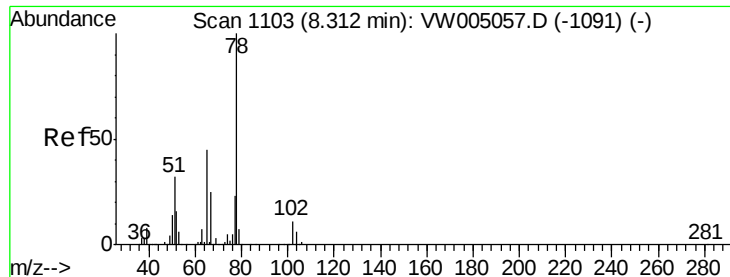
Tgt Ion: 83 Resp: 7820
Ion Ratio Lower Upper
83 100
85 72.5 53.1 79.7



#31
Cyclohexane
Concen: 1.035 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW005178.D
Acq: 06 Sep 2018 21:23

Tgt Ion: 56 Resp: 6706
Ion Ratio Lower Upper
56 100
69 202.4 28.2 42.2#
84 170.1 71.8 107.8#

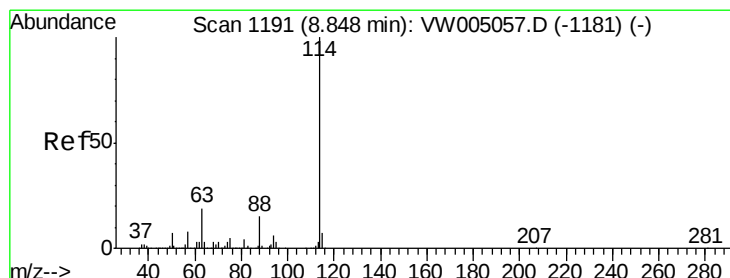
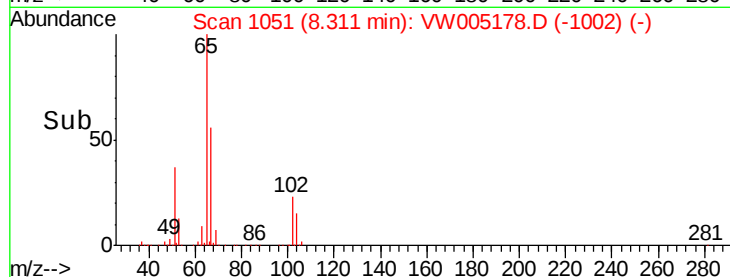
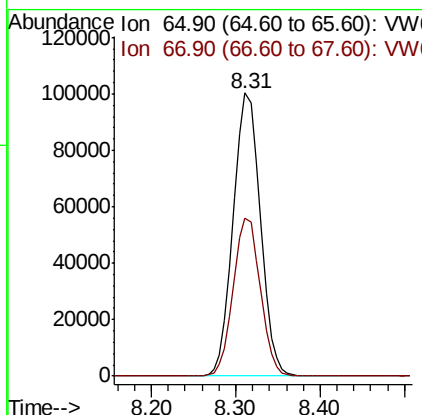
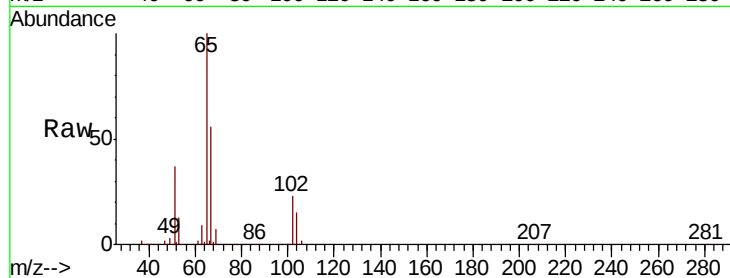




#33
 1,2-Dichloroethane-d4
 Concen: 66.186 ug/l
 RT: 8.31 min Scan# 1051
 Delta R.T. -0.00 min
 Lab File: VW005178.D
 Acq: 06 Sep 2018 21:23

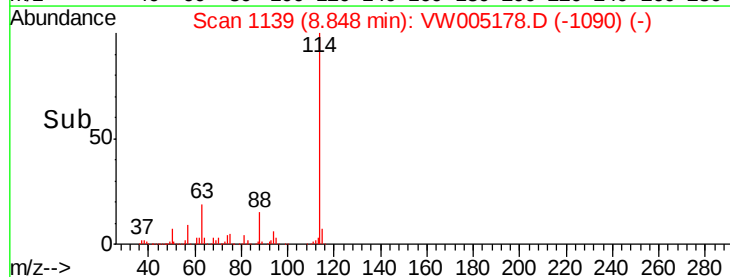
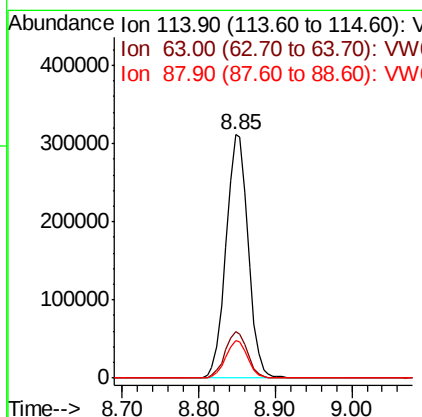
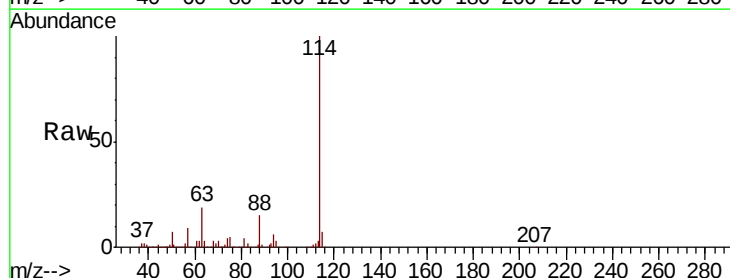
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 EP1-WS-COMP-18

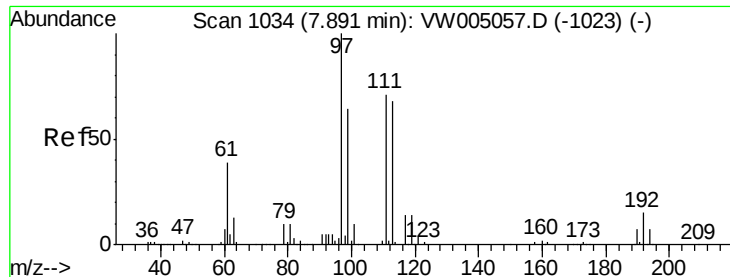
Tgt Ion: 65 Resp: 218348
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: VW005178.D
 Acq: 06 Sep 2018 21:23

Tgt Ion: 114 Resp: 620171
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 38.0
 88 15.4 0.0 30.2

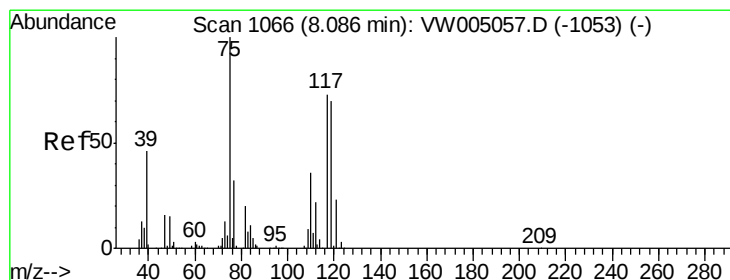
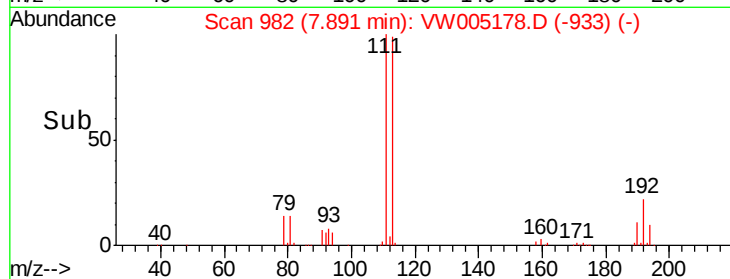
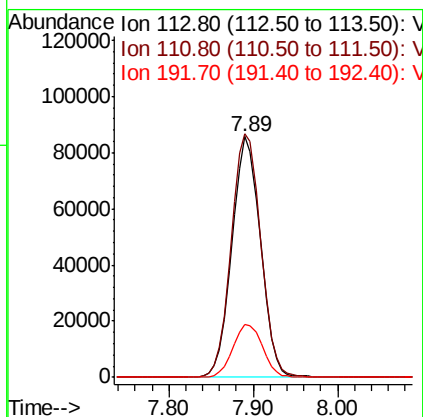
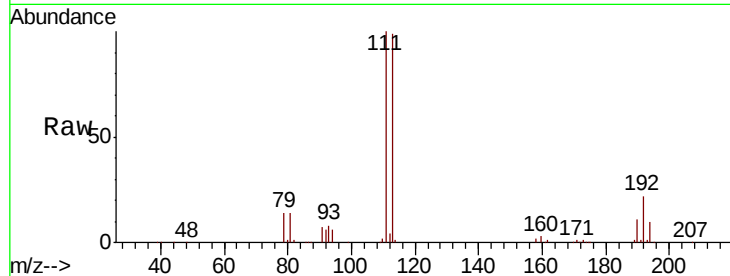




#35
 Dibromofluoromethane
 Concen: 54.772 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005178.D
 Acq: 06 Sep 2018 21:23

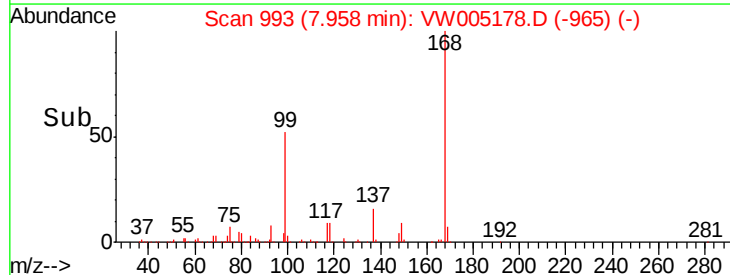
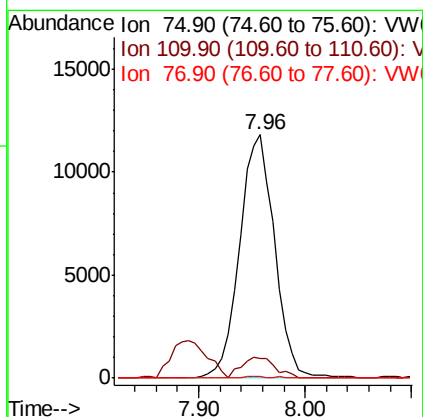
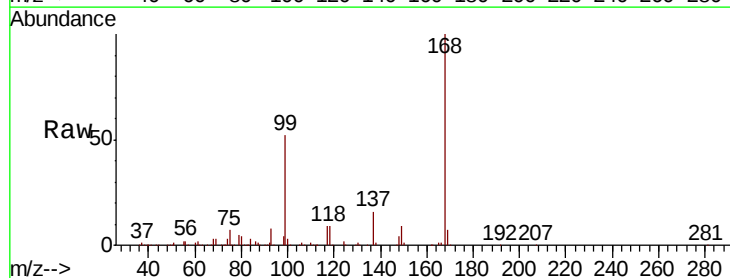
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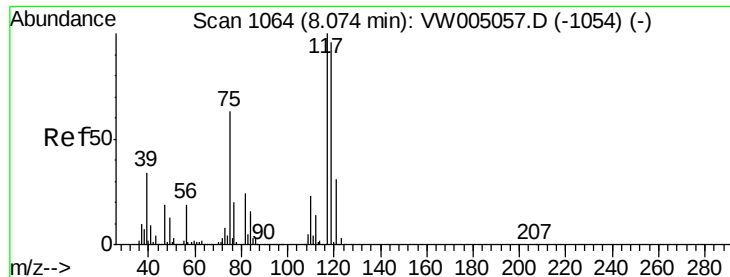
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.4	82.2	123.2
192	22.7	18.1	27.1



#36
 1,1-Dichloropropene
 Concen: 4.609 ug/l
 RT: 7.96 min Scan# 993
 Delta R.T. -0.13 min
 Lab File: VW005178.D
 Acq: 06 Sep 2018 21:23

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.1	18.9	56.7#
77	0.2	25.5	38.3#





#38

Carbon Tetrachloride

Concen: 6.433 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.12 min

Lab File: VW005178.D

Acq: 06 Sep 2018 21:23

Instrument :

MSVOA_W

ClientSampleId :

EP1-WS-COMP-18

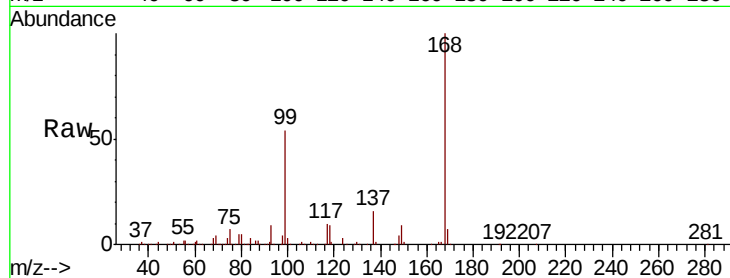
Tgt Ion:117 Resp: 36126

Ion Ratio Lower Upper

117 100

119 5.7 76.6 115.0#

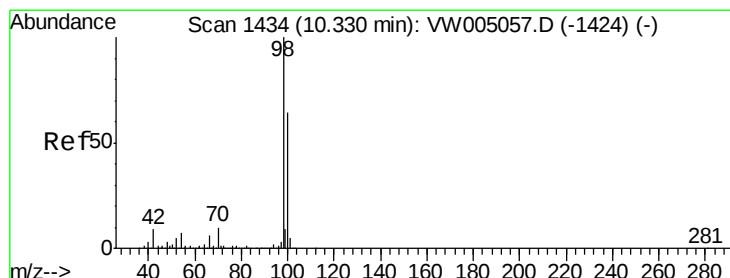
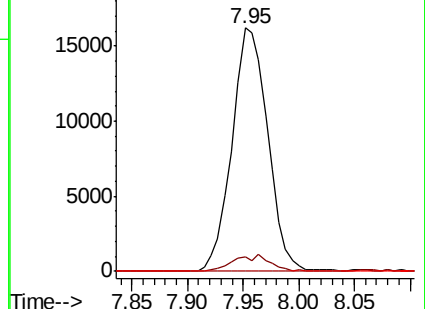
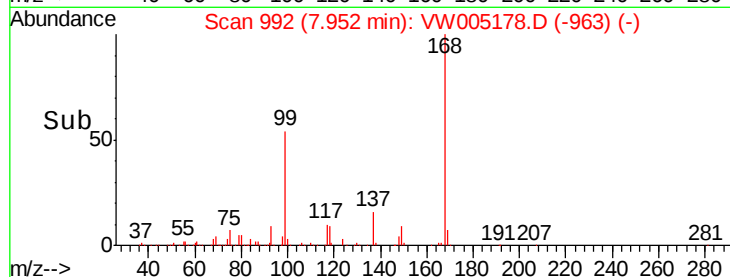
121 0.0 24.8 37.2#



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: 48.393 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005178.D

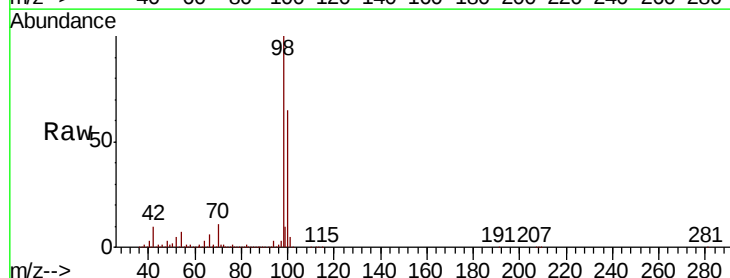
Acq: 06 Sep 2018 21:23

Tgt Ion: 98 Resp: 799155

Ion Ratio Lower Upper

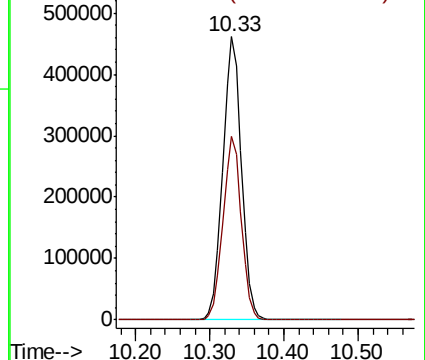
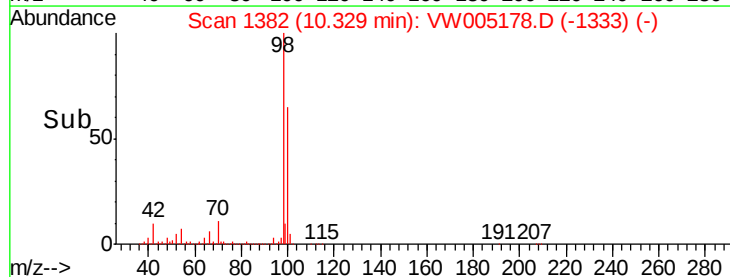
98 100

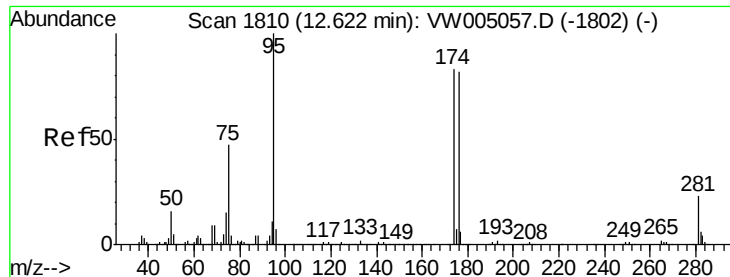
100 64.0 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

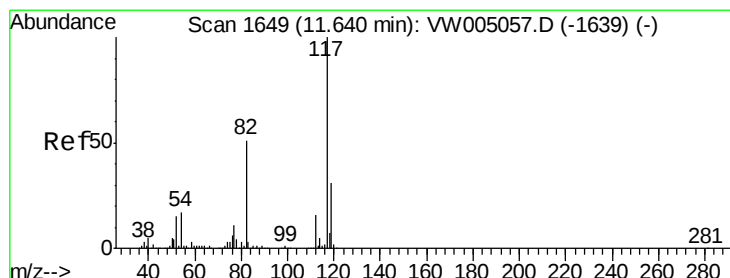
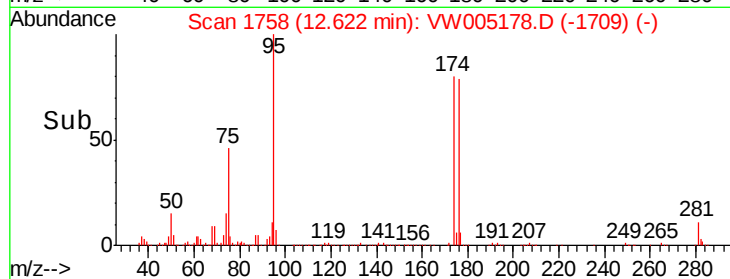
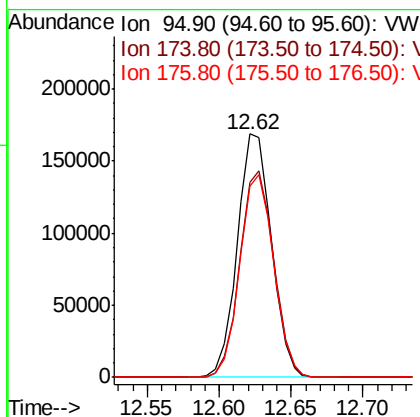
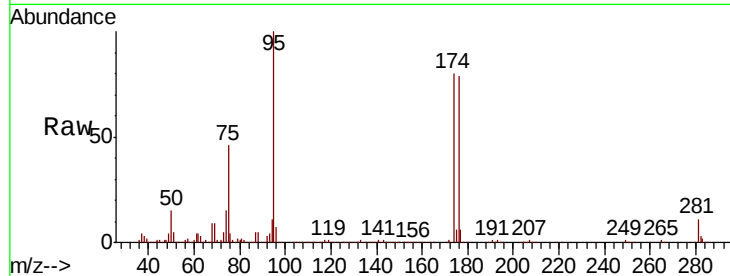




#62
4-Bromofluorobenzene
Concen: 47.634 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW005178.D
Acq: 06 Sep 2018 21:23

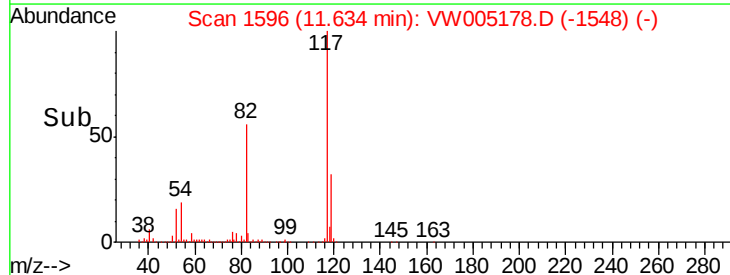
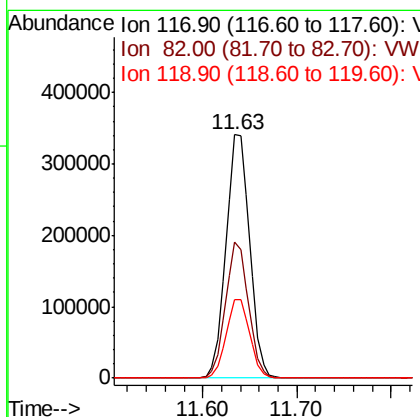
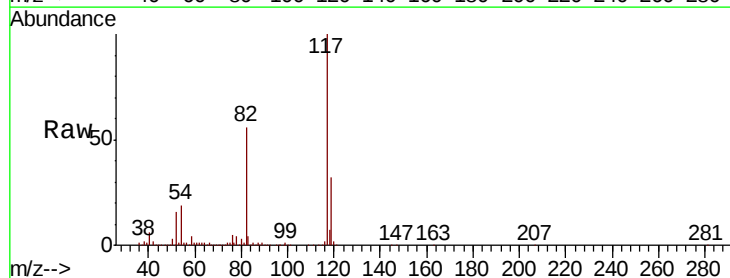
Instrument :
MSVOA_W
ClientSampleId :
EP1-WS-COMP-18

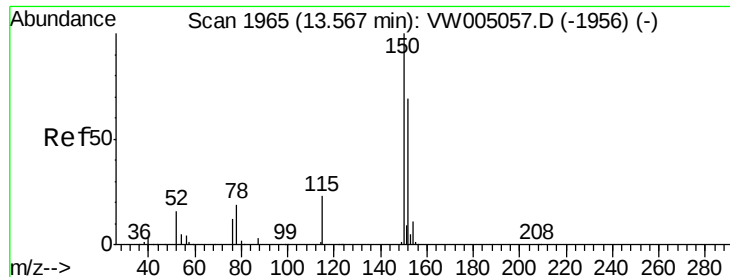
Tgt Ion: 95 Resp: 277370
Ion Ratio Lower Upper
95 100
174 84.7 0.0 173.4
176 82.7 0.0 167.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.01 min
Lab File: VW005178.D
Acq: 06 Sep 2018 21:23

Tgt Ion: 117 Resp: 592573
Ion Ratio Lower Upper
117 100
82 55.7 40.9 61.3
119 32.1 24.9 37.3



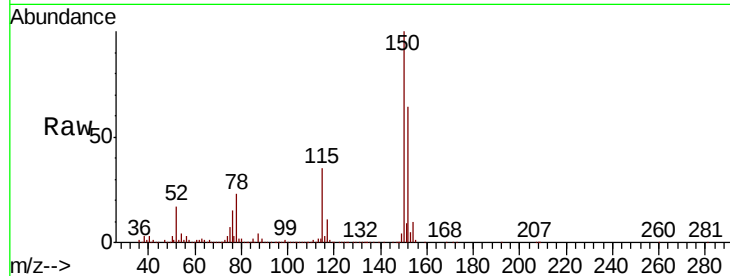


#72

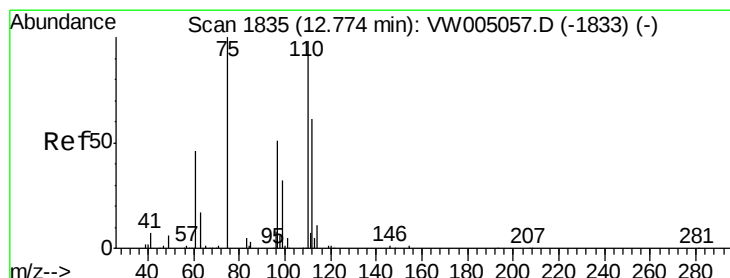
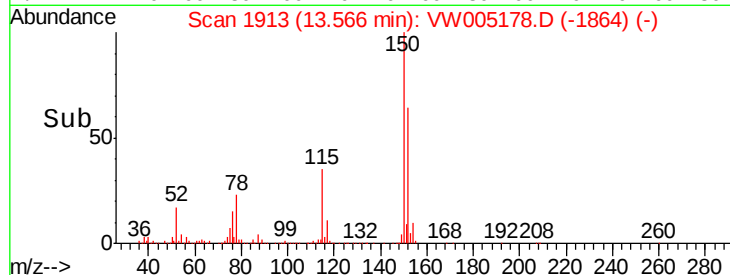
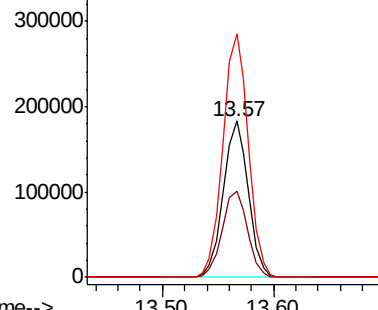
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005178.D
Acq: 06 Sep 2018 21:23

Instrument :
MSVOA_W
ClientSampleId :
EP1-WS-COMP-18

Tgt Ion: 152 Resp: 286060
Ion Ratio Lower Upper
152 100
115 56.1 27.8 83.4
150 158.3 0.0 351.4



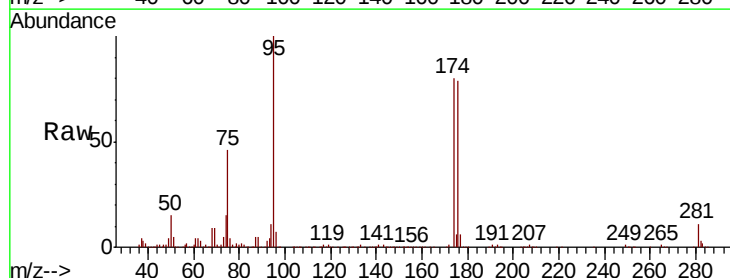
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



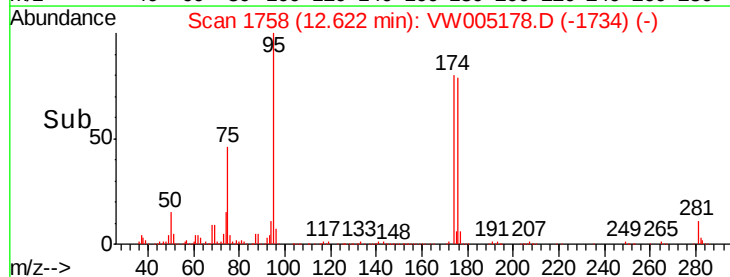
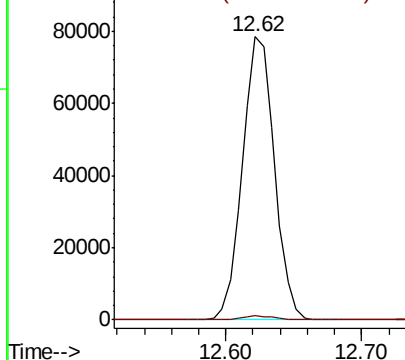
#76

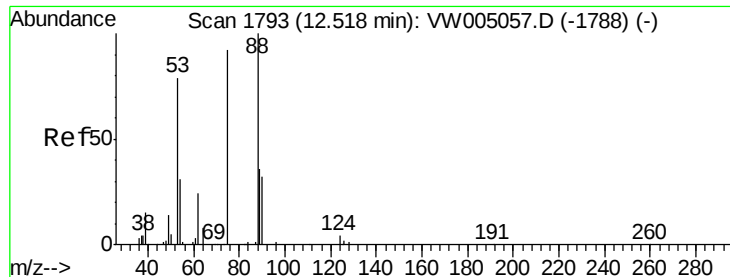
1,2,3-Trichloropropane
Concen: 60.084 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW005178.D
Acq: 06 Sep 2018 21:23

Tgt Ion: 75 Resp: 129014
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW

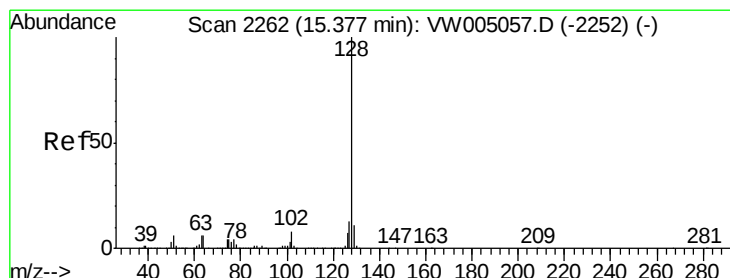
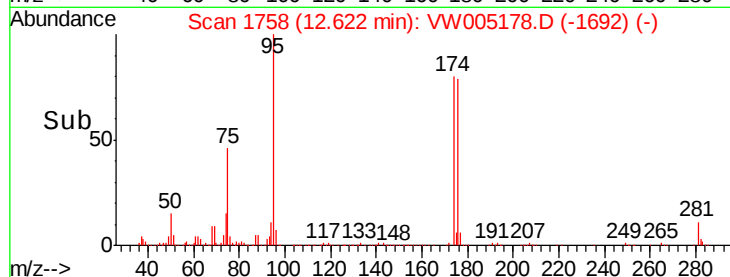
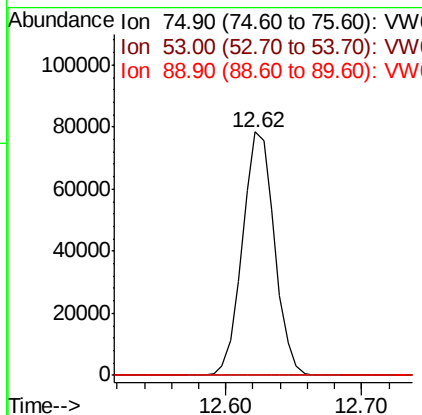
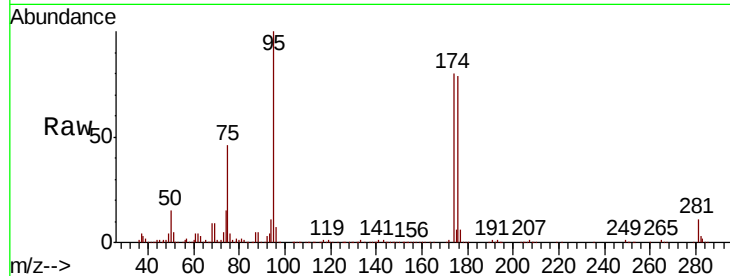




#81
trans-1,4-Dichloro-2-butene
Concen: 144.615 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.10 min
Lab File: VW005178.D
Acq: 06 Sep 2018 21:23

Instrument :
MSVOA_W
ClientSampleId :
EP1-WS-COMP-18

Tgt Ion: 75 Resp: 129014
Ion Ratio Lower Upper
75 100
53 0.2 69.8 104.8#
89 0.1 36.0 54.0#



#95
Naphthalene
Concen: 4.123 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.00 min
Lab File: VW005178.D
Acq: 06 Sep 2018 21:23

Tgt Ion: 128 Resp: 1610
Ion Ratio Lower Upper
128 100
127 14.5 10.4 15.6
129 22.6 8.7 13.1#

