

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW052419\
 Data File : VW010546.D
 Acq On : 24 May 2019 13:15
 Operator : SY/VA
 Sample : K2977-06
 Misc : 5.63G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-W-5R(17-20)

Quant Time: May 24 13:57:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	132583	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	233411	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	204044	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	91279	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	68752	50.24	ug/l	0.00
Spiked Amount			Recovery	=	100.48%	
35) Dibromofluoromethane	7.88	113	70564	49.82	ug/l	0.00
Spiked Amount			Recovery	=	99.64%	
50) Toluene-d8	10.32	98	284152	52.52	ug/l	0.00
Spiked Amount			Recovery	=	105.04%	
62) 4-Bromofluorobenzene	12.62	95	103534	48.04	ug/l	0.00
Spiked Amount			Recovery	=	96.08%	

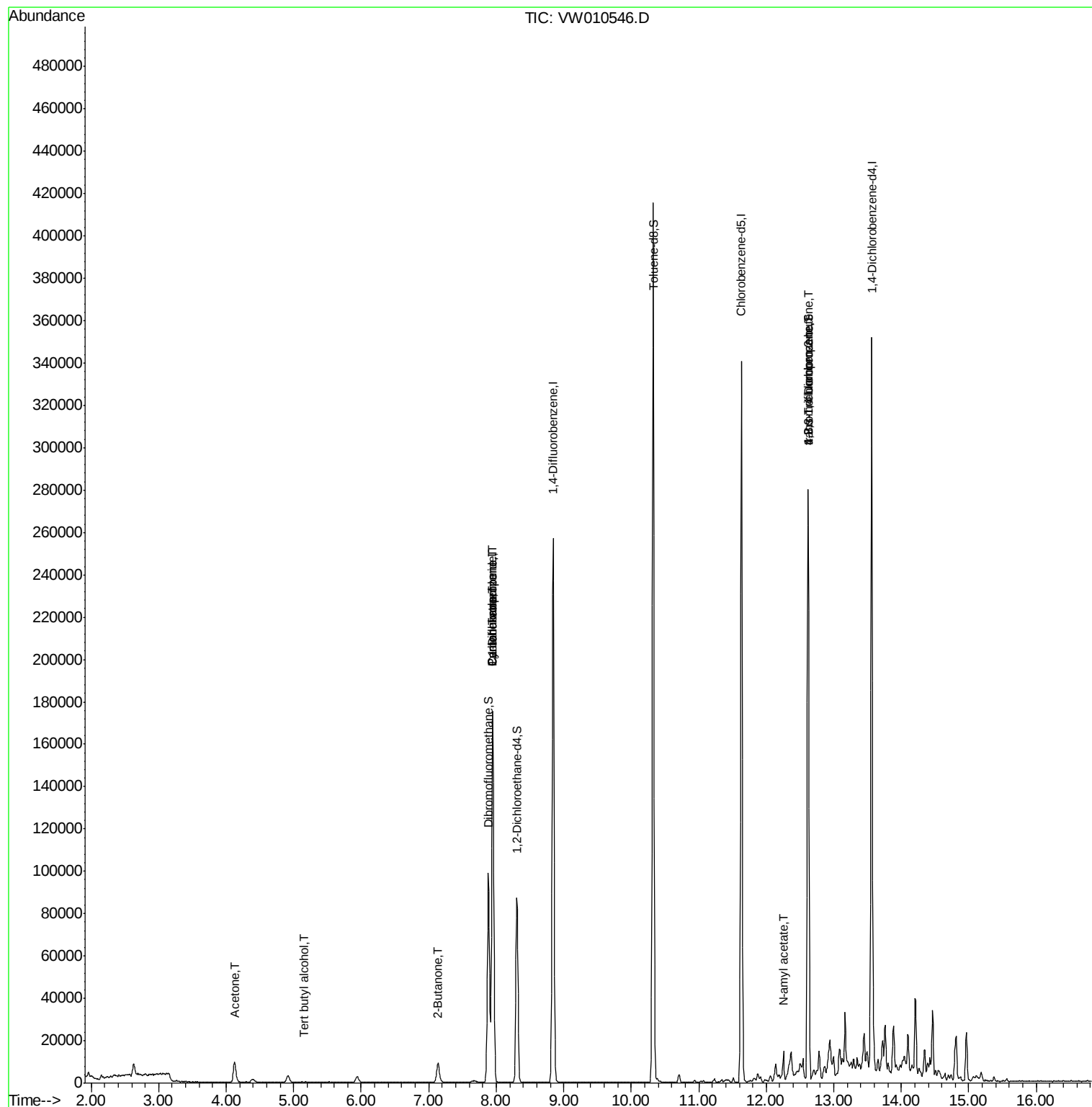
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	279	2.267	ug/l #	71
16) Acetone	4.12	43	17787	63.676	ug/l	98
20) Methylene Chloride	4.92	84	2653	Below Cal		91
25) 2-Butanone	7.13	43	646	1.616	ug/l #	45
31) Cyclohexane	7.95	56	2686	1.034	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	9924	4.564	ug/l #	49
38) Carbon Tetrachloride	7.95	117	13747	5.861	ug/l #	15
74) N-amyl acetate	12.26	43	2653	1.598	ug/l #	65
76) 1,2,3-Trichloropropane	12.62	75	48224	52.047	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	48224	108.624	ug/l #	14

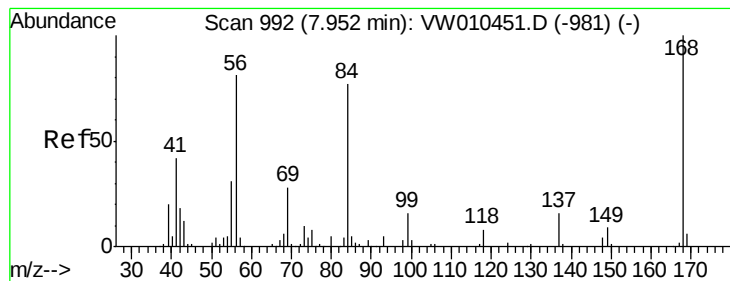
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW052419\
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Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
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: VW010546.D

Acq: 24 May 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

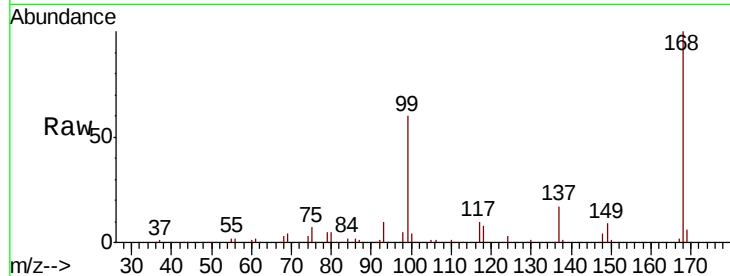
EP1-W-5R(17-20)

Tgt Ion: 168 Resp: 132583

Ion Ratio Lower Upper

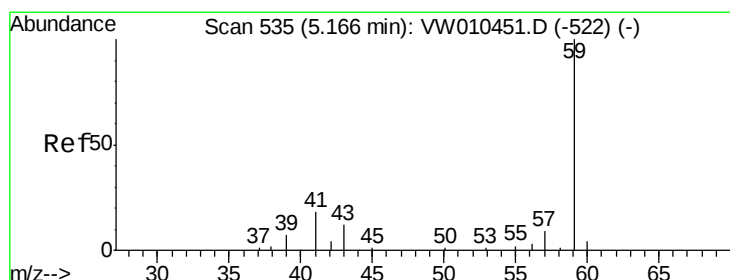
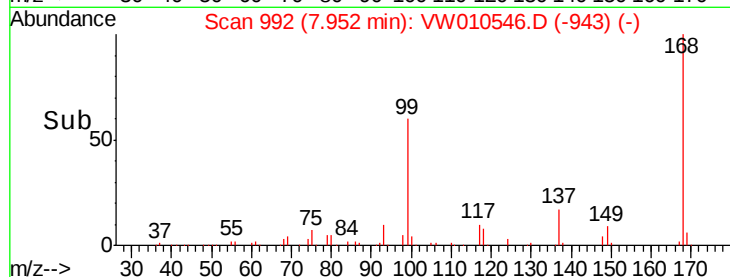
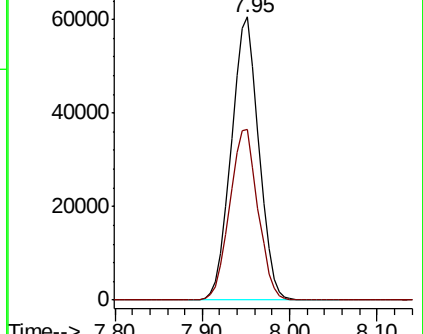
168 100

99 60.4 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 2.267 ug/l

RT: 5.17 min Scan# 535

Delta R.T. 0.00 min

Lab File: VW010546.D

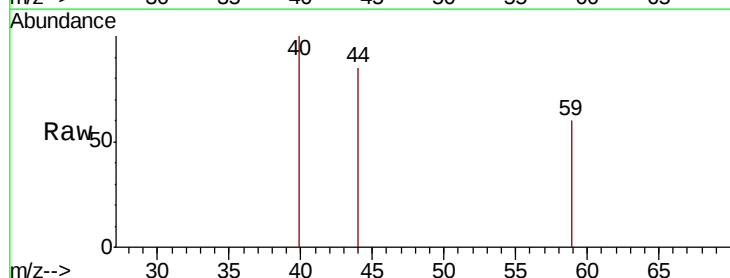
Acq: 24 May 2019 13:15

Tgt Ion: 59 Resp: 279

Ion Ratio Lower Upper

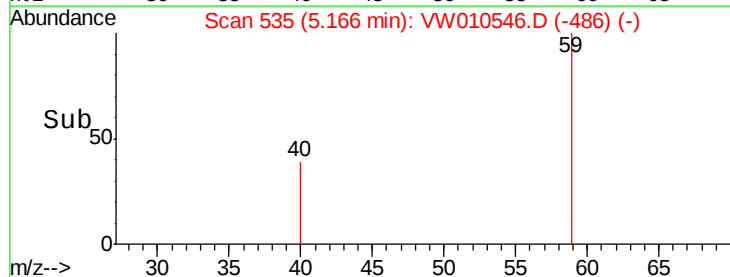
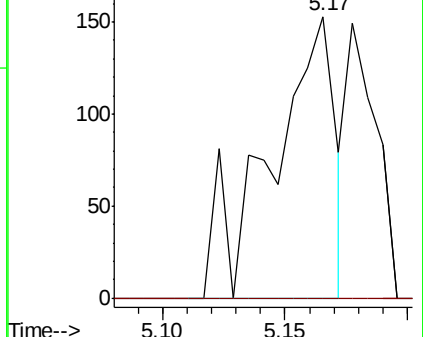
59 100

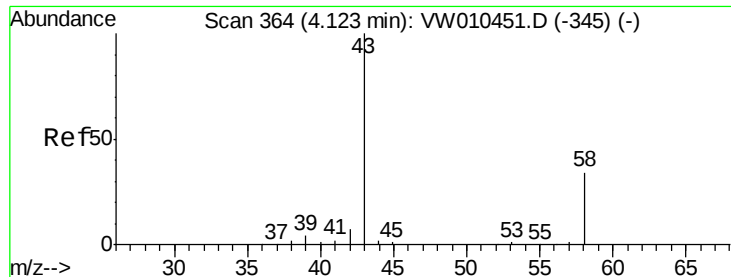
57 0.0 8.8 13.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

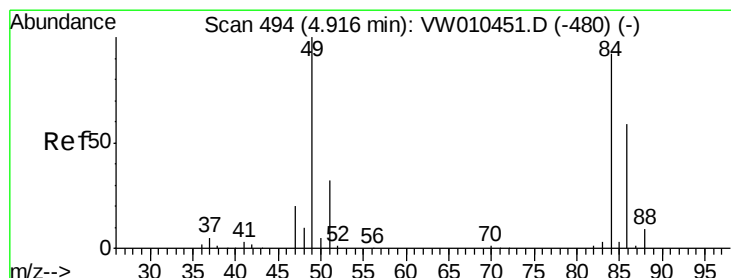
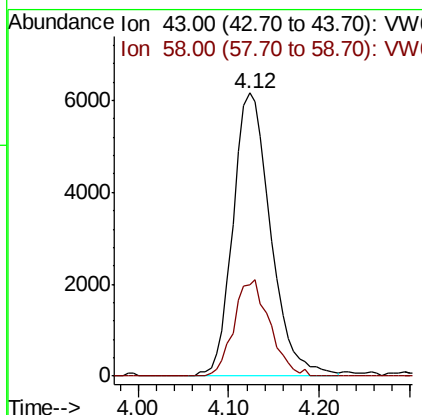
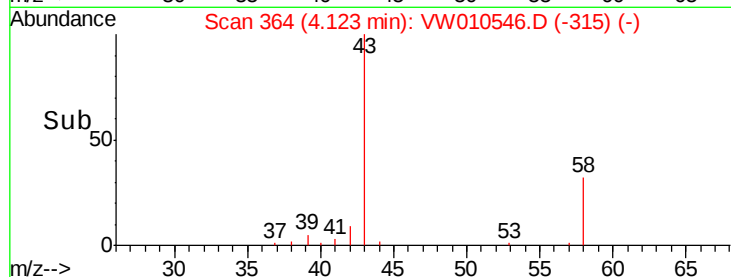
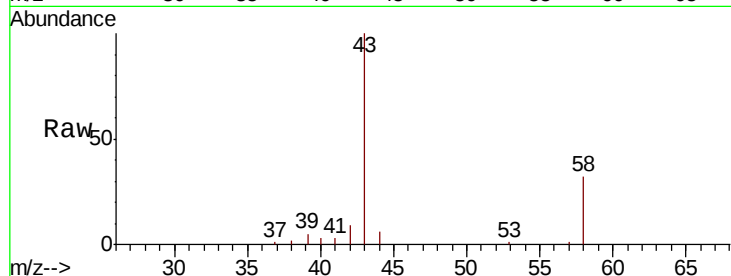




#16
Acetone
Concen: 63.676 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.00 min
Lab File: VW010546.D
Acq: 24 May 2019 13:15

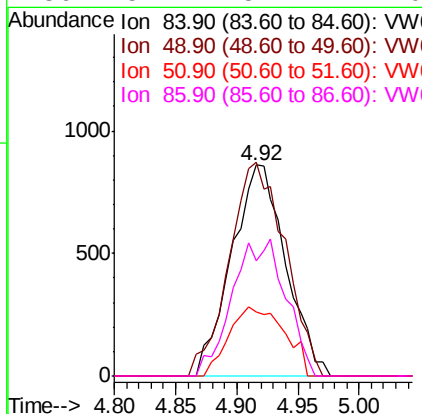
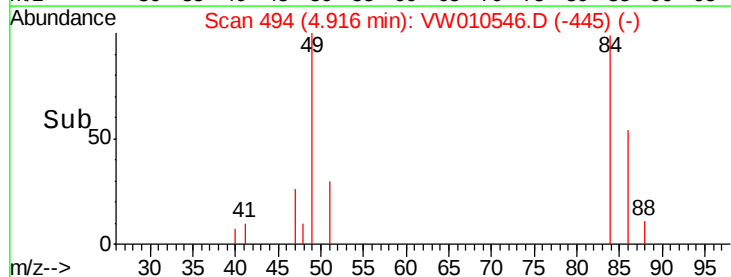
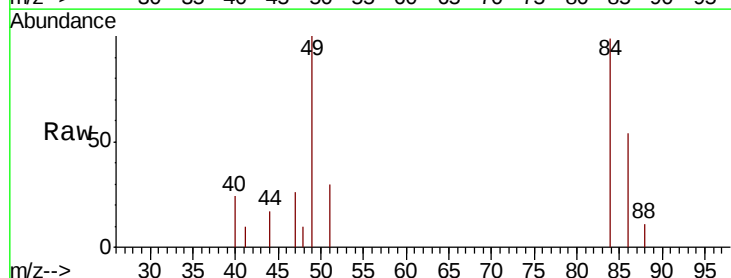
Instrument :
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EP1-W-5R(17-20)

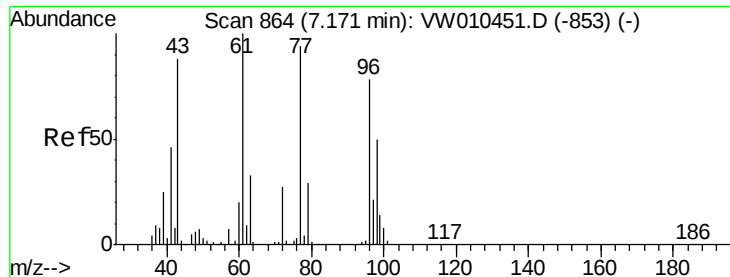
Tgt Ion: 43 Resp: 17787
Ion Ratio Lower Upper
43 100
58 32.5 27.0 40.4



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW010546.D
Acq: 24 May 2019 13:15

Tgt Ion: 84 Resp: 2653
Ion Ratio Lower Upper
84 100
49 101.2 87.2 130.8
51 30.1 27.7 41.5
86 54.4 51.4 77.0





#25

2-Butanone

Concen: 1.616 ug/l

RT: 7.13 min Scan# 857

Delta R.T. -0.04 min

Lab File: VW010546.D

Acq: 24 May 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

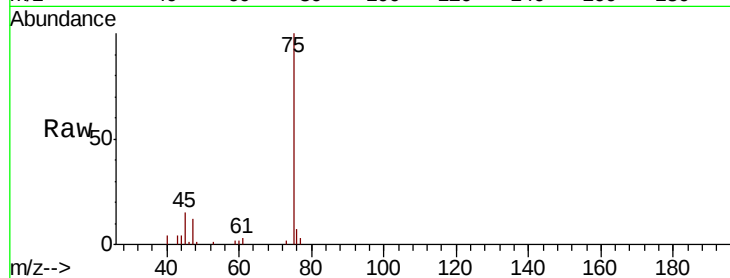
EP1-W-5R(17-20)

Tgt Ion: 43 Resp: 646

Ion Ratio Lower Upper

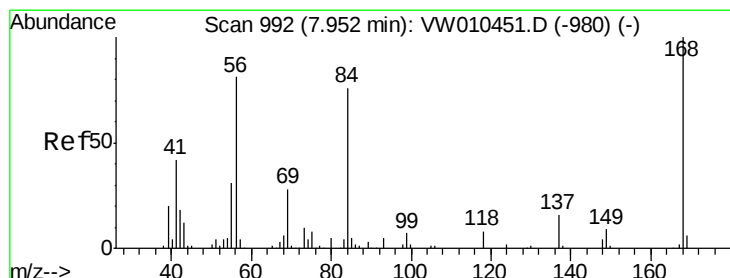
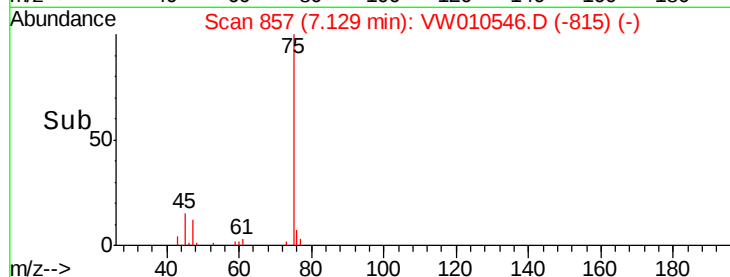
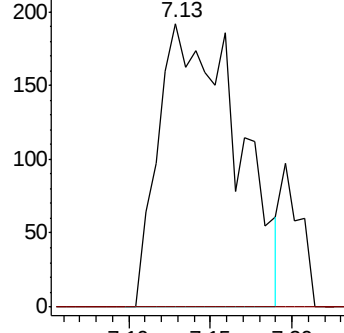
43 100

72 0.0 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#31

Cyclohexane

Concen: 1.034 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010546.D

Acq: 24 May 2019 13:15

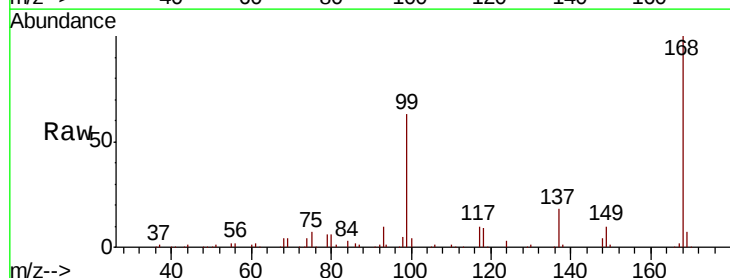
Tgt Ion: 56 Resp: 2686

Ion Ratio Lower Upper

56 100

69 180.4 28.2 42.2#

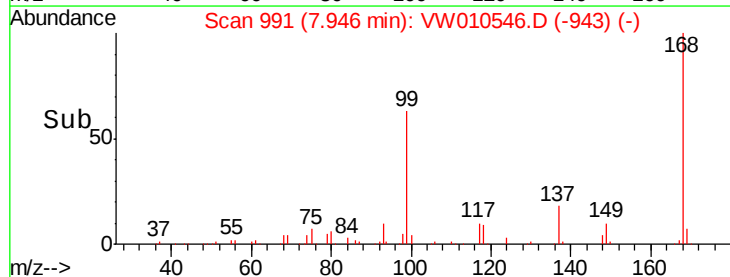
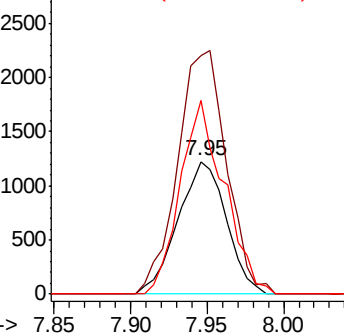
84 146.1 75.8 113.8#

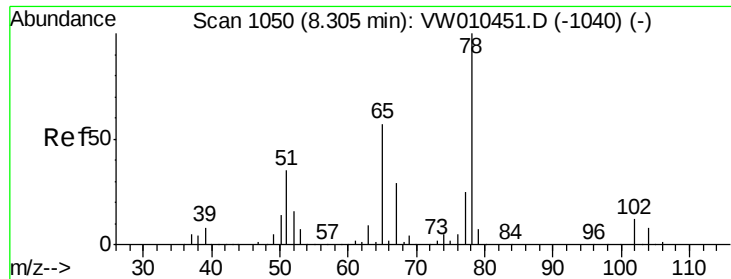


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 84.00 (83.70 to 84.70): VW

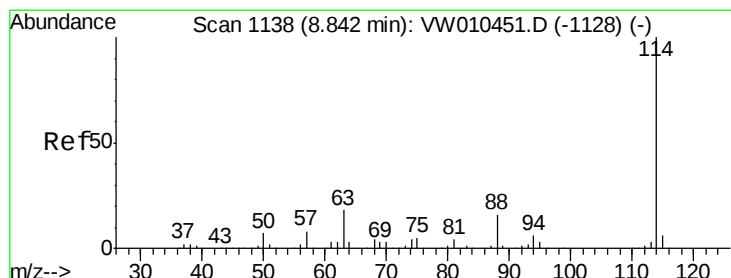
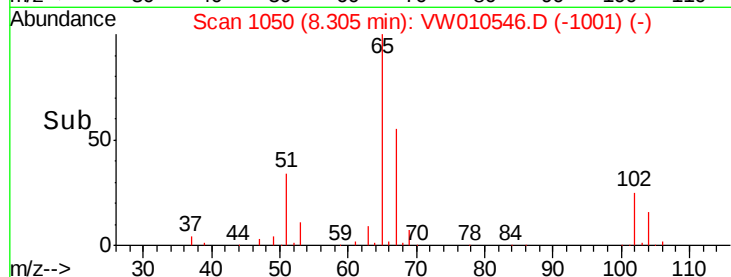
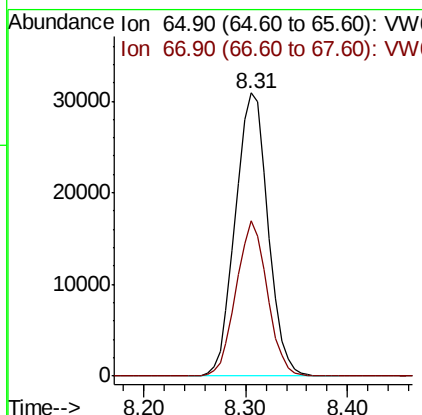
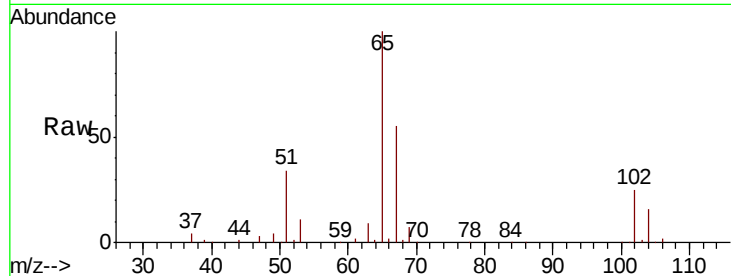




#33
 1,2-Dichloroethane-d4
 Concen: 50.240 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW010546.D
 Acq: 24 May 2019 13:15

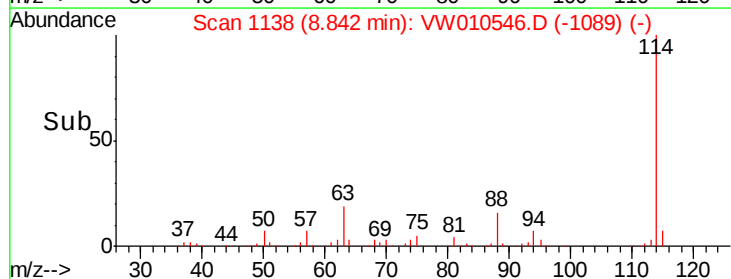
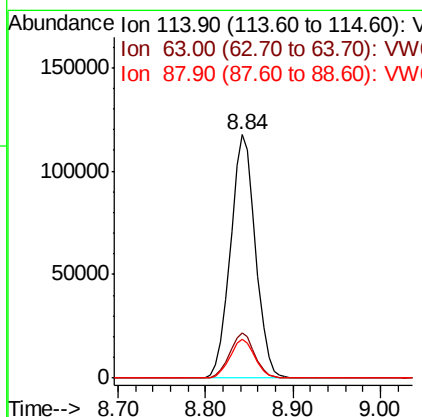
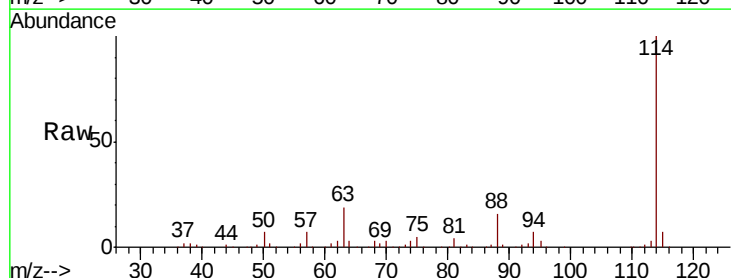
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-W-5R(17-20)

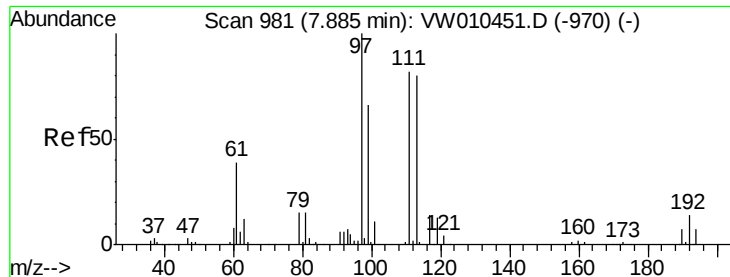
Tgt Ion: 65 Resp: 68752
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 103.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW010546.D
 Acq: 24 May 2019 13:15

Tgt Ion: 114 Resp: 233411
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 36.0
 88 15.9 0.0 32.0

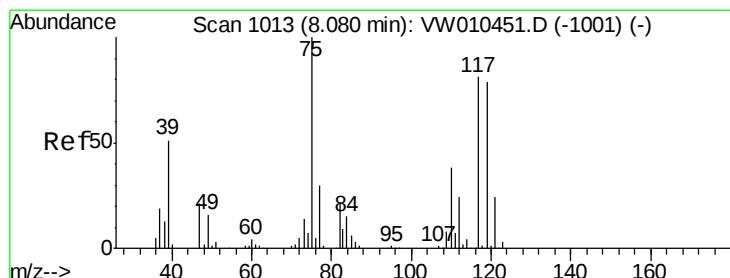
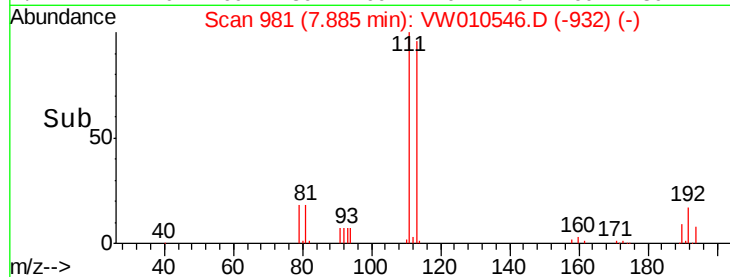
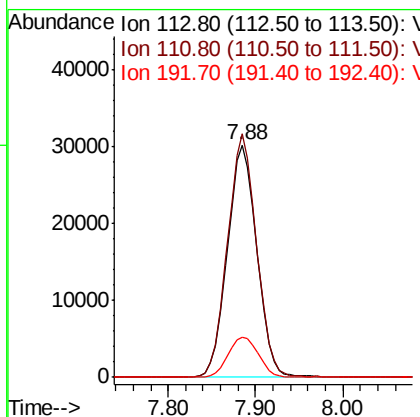
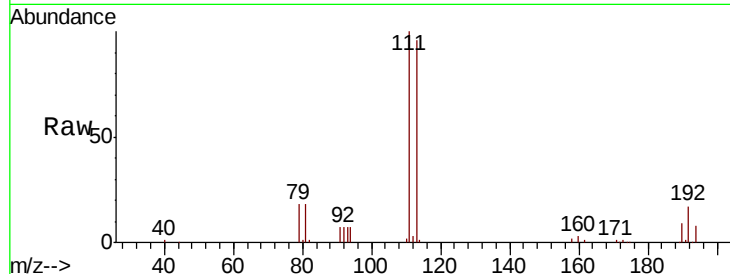




#35
 Dibromofluoromethane
 Concen: 49.823 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW010546.D
 Acq: 24 May 2019 13:15

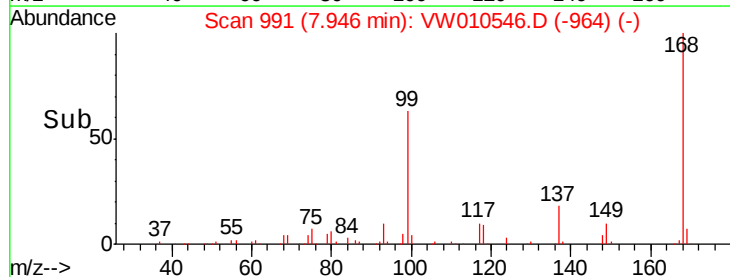
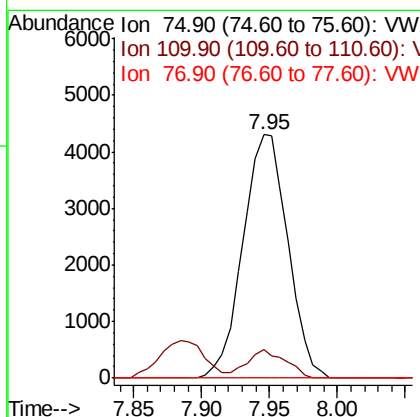
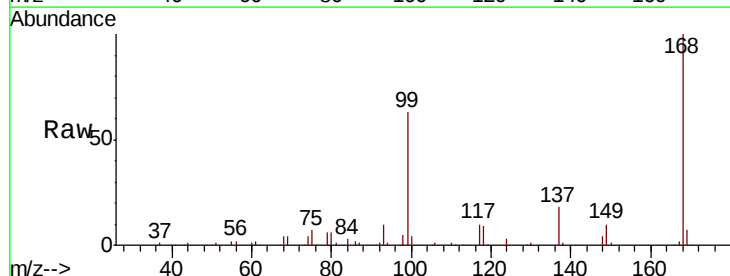
Instrument :
 MSVOA_W
 ClientSampleId :
 EP1-W-5R(17-20)

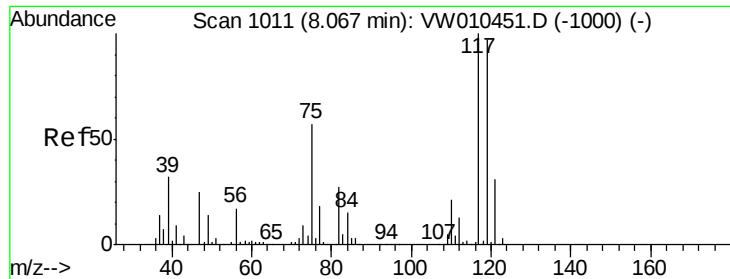
Tgt Ion:113 Resp: 70564
 Ion Ratio Lower Upper
 113 100
 111 103.7 82.2 123.4
 192 18.0 14.3 21.5



#36
 1,1-Dichloropropene
 Concen: 4.564 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW010546.D
 Acq: 24 May 2019 13:15

Tgt Ion: 75 Resp: 9924
 Ion Ratio Lower Upper
 75 100
 110 10.3 19.2 57.6#
 77 0.0 25.2 37.8#





#38

Carbon Tetrachloride

Concen: 5.861 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW010546.D

Acq: 24 May 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

EP1-W-5R(17-20)

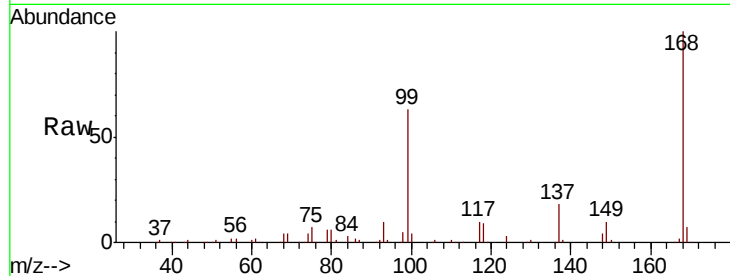
Tgt Ion: 117 Resp: 13747

Ion Ratio Lower Upper

117 100

119 4.7 77.4 116.0#

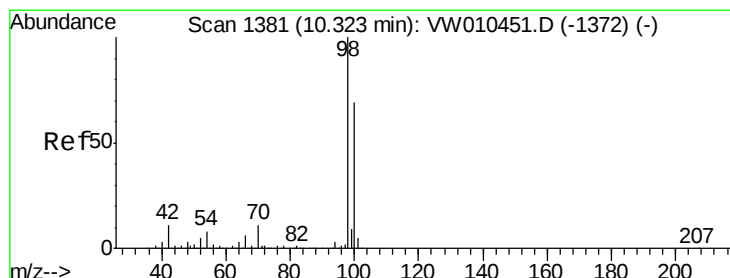
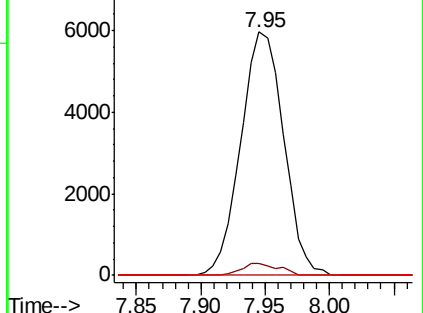
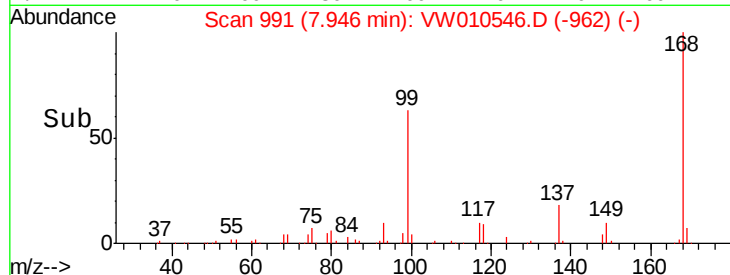
121 0.0 25.0 37.6#



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: 52.518 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW010546.D

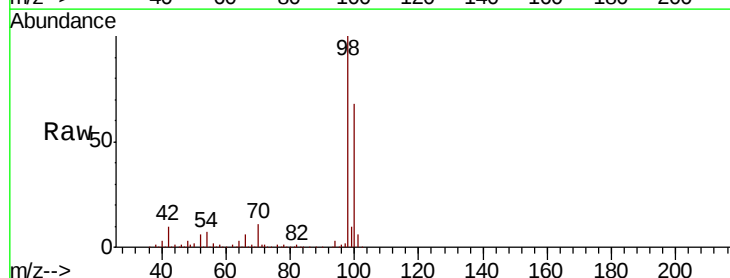
Acq: 24 May 2019 13:15

Tgt Ion: 98 Resp: 284152

Ion Ratio Lower Upper

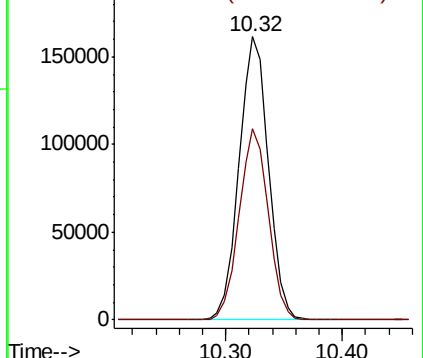
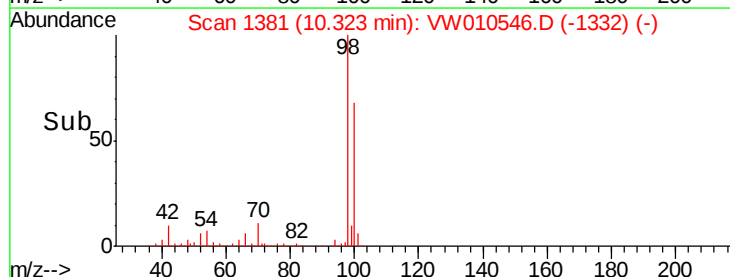
98 100

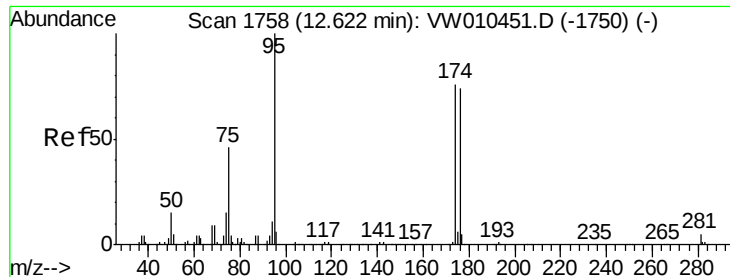
100 67.2 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 48.041 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW010546.D

Acq: 24 May 2019 13:15

Instrument :

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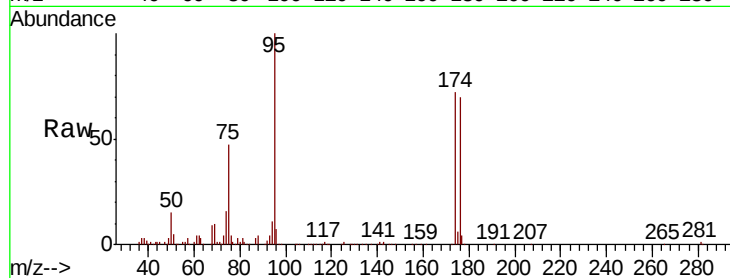
Tgt Ion: 95 Resp: 103534

Ion Ratio Lower Upper

95 100

174 70.9 0.0 148.6

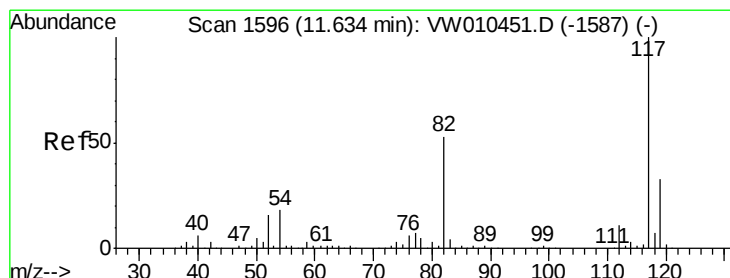
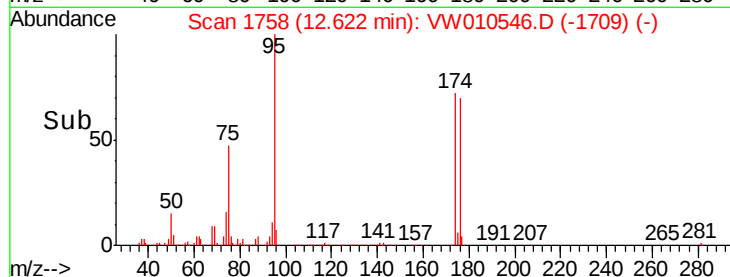
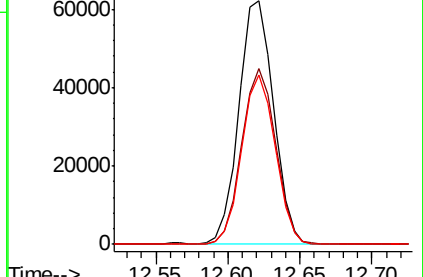
176 67.7 0.0 144.2



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: VW010546.D

Acq: 24 May 2019 13:15

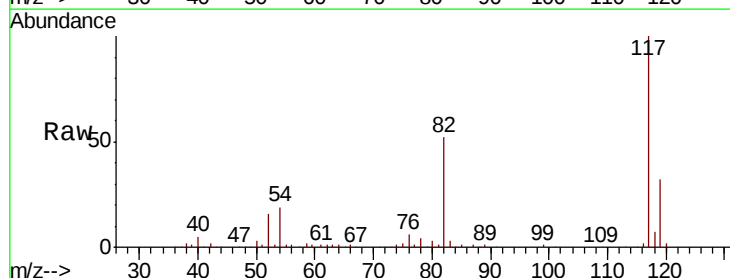
Tgt Ion: 117 Resp: 204044

Ion Ratio Lower Upper

117 100

82 51.7 42.8 64.2

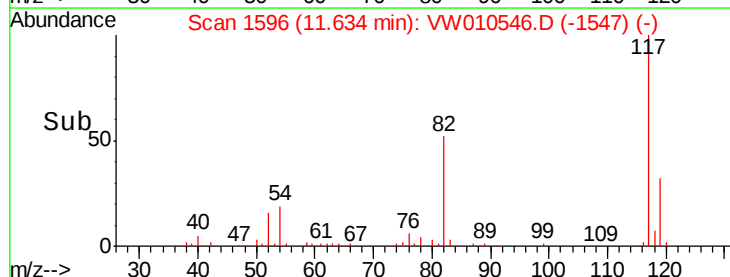
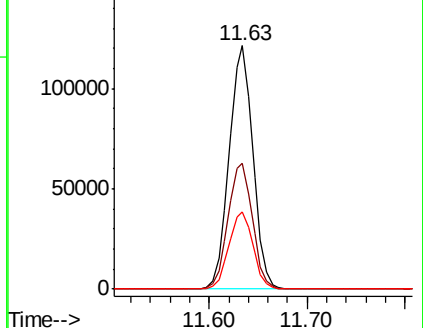
119 31.6 26.3 39.5

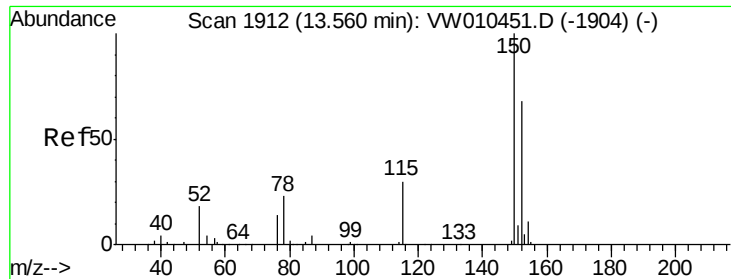


Abundance Ion 116.90 (116.60 to 117.60): VW

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. 0.00 min

Lab File: VW010546.D

Acq: 24 May 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

EP1-W-5R(17-20)

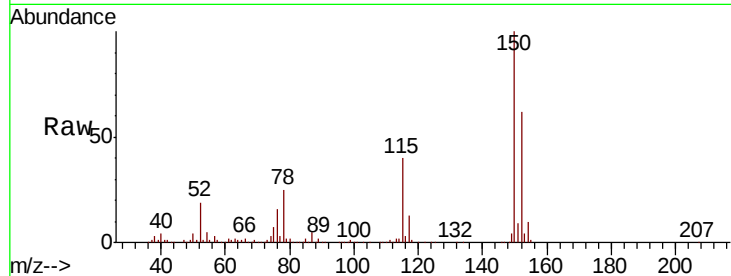
Tgt Ion:152 Resp: 91279

Ion Ratio Lower Upper

152 100

115 63.4 30.3 91.0

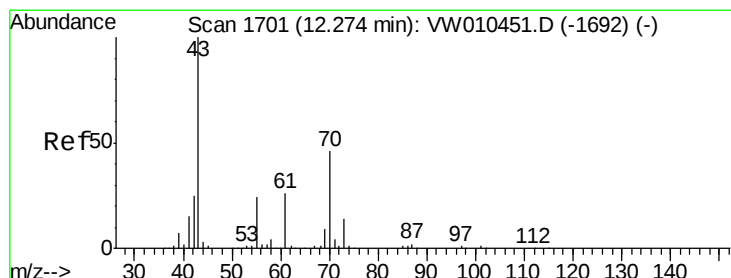
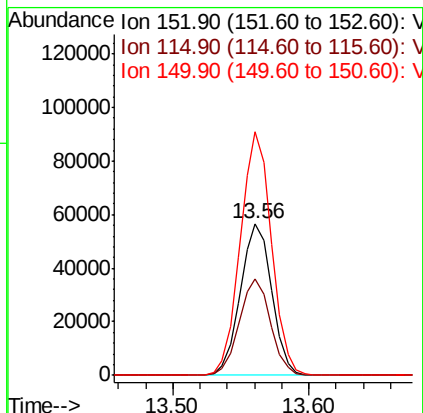
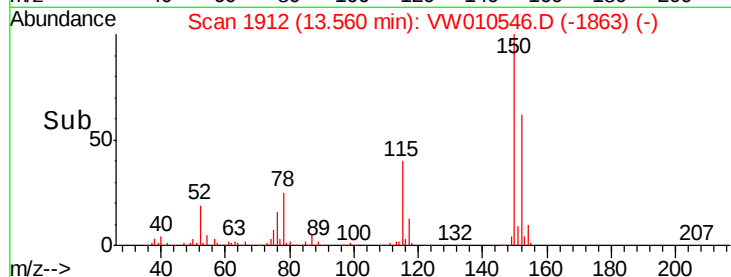
150 158.7 0.0 349.8



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



#74

N-ethyl acetate

Concen: 1.598 ug/l

RT: 12.26 min Scan# 1698

Delta R.T. -0.02 min

Lab File: VW010546.D

Acq: 24 May 2019 13:15

Tgt Ion: 43 Resp: 2653

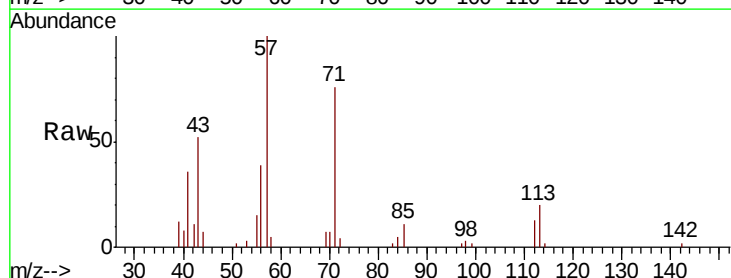
Ion Ratio Lower Upper

43 100

70 27.3 37.1 55.7#

55 40.0 19.6 29.4#

61 0.0 20.7 31.1#

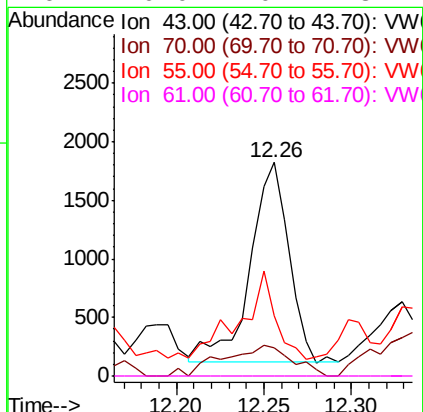
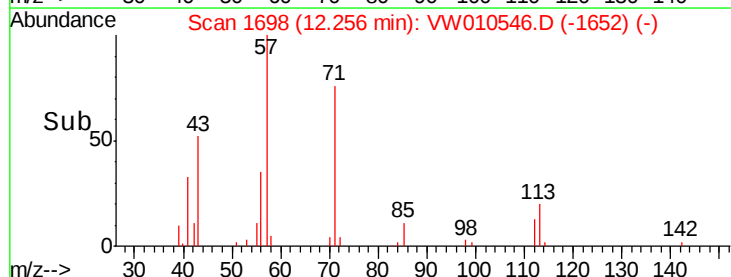


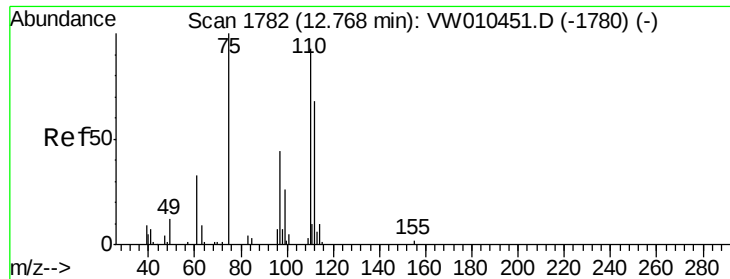
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#76

1,2,3-Trichloropropane

Concen: 52.047 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.15 min

Lab File: VW010546.D

Acq: 24 May 2019 13:15

Instrument :

MSVOA_W

ClientSampleId :

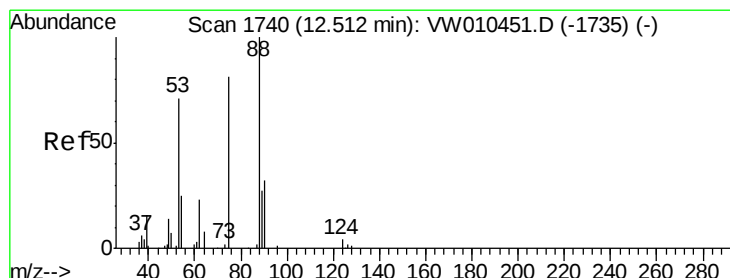
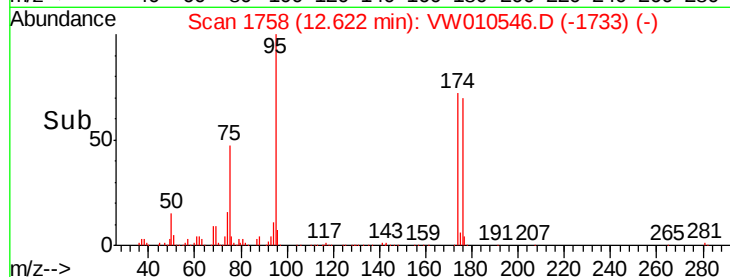
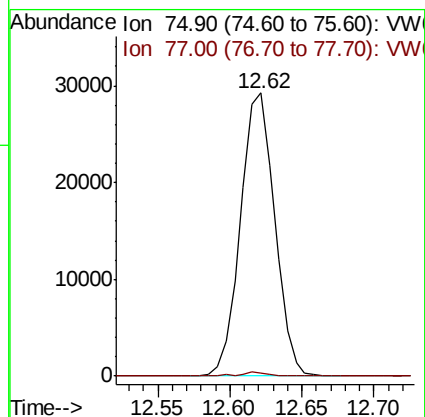
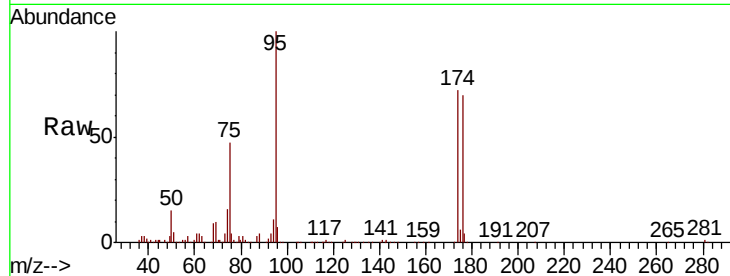
EP1-W-5R(17-20)

Tgt Ion: 75 Resp: 48224

Ion Ratio Lower Upper

75 100

77 1.2 170.0 510.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 108.624 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.11 min

Lab File: VW010546.D

Acq: 24 May 2019 13:15

Tgt Ion: 75 Resp: 48224

Ion Ratio Lower Upper

75 100

53 0.2 69.8 104.8#

89 0.0 39.5 59.3#

