

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070119\
 Data File : VW011086.D
 Acq On : 01 Jul 2019 15:48
 Operator : SY/VA
 Sample : K3580-09
 Misc : 5.08G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-15-9.5-10.0

Quant Time: Jul 02 08:36:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	198019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	343488	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	295597	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	125584	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	141099	54.51	ug/l	0.00
Spiked Amount			Recovery	=	109.02%	
35) Dibromofluoromethane	7.88	113	106418	50.74	ug/l	0.00
Spiked Amount			Recovery	=	101.48%	
50) Toluene-d8	10.32	98	429454	49.74	ug/l	0.00
Spiked Amount			Recovery	=	99.48%	
62) 4-Bromofluorobenzene	12.62	95	142800	45.22	ug/l	0.00
Spiked Amount			Recovery	=	90.44%	

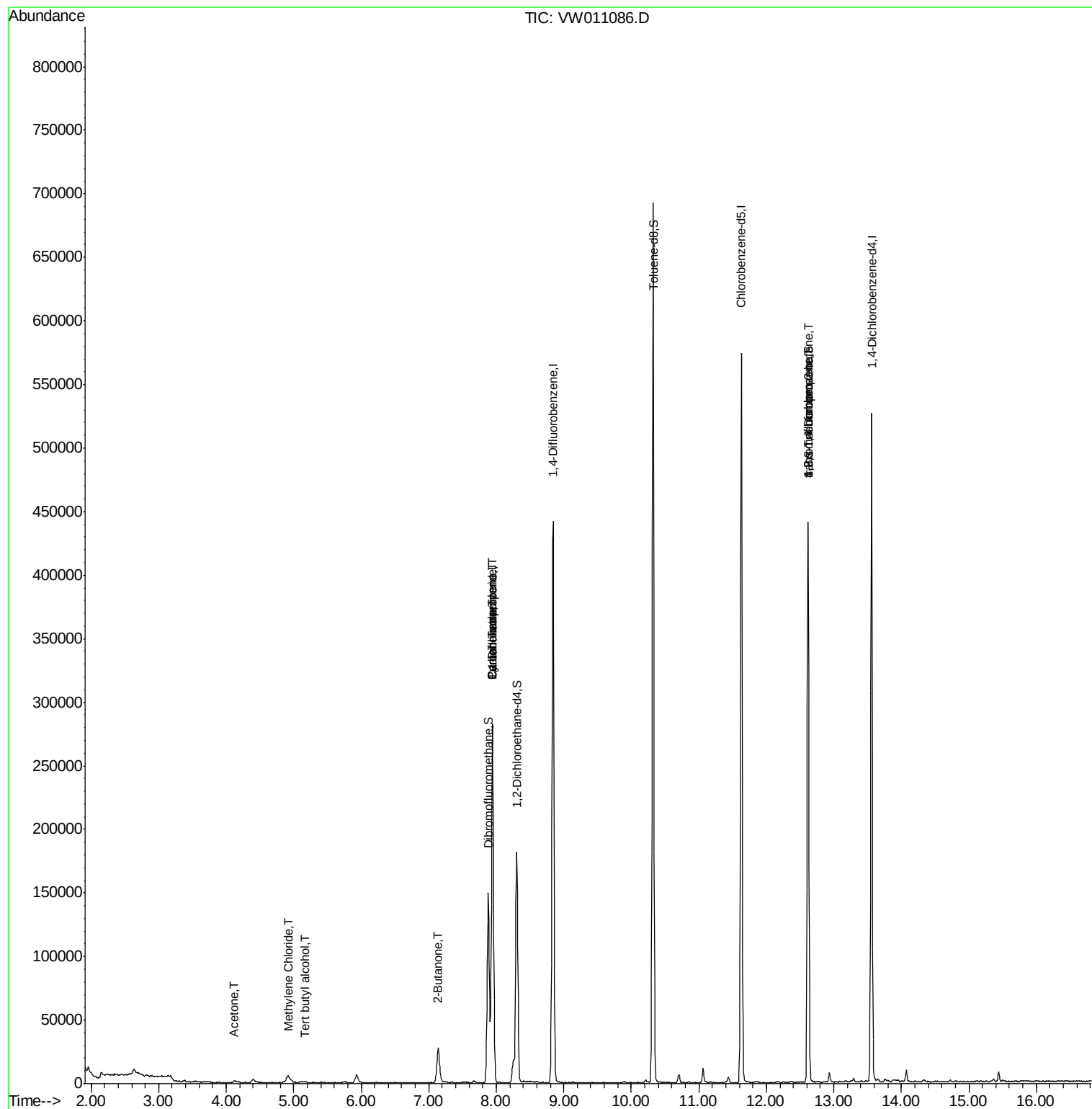
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	531	2.824	ug/l #	71
16) Acetone	4.12	43	2928	4.634	ug/l #	81
20) Methylene Chloride	4.92	84	3908	1.522	ug/l	96
25) 2-Butanone	7.13	43	2131	2.219	ug/l #	91
31) Cyclohexane	7.95	56	5190	1.048	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	18180	4.924	ug/l #	51
38) Carbon Tetrachloride	7.95	117	19492	6.411	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	78004	58.834	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	78004	119.014	ug/l #	3

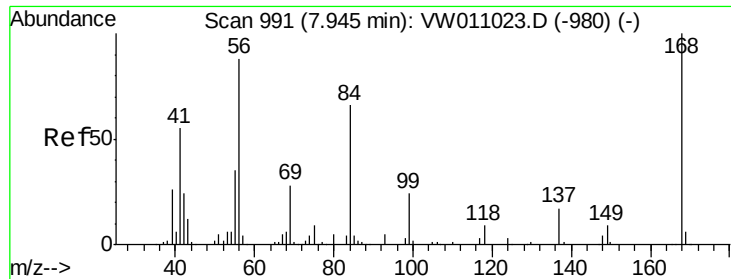
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Jun 28 01:55:46 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW011086.D

Acq: 01 Jul 2019 15:48

Instrument :

MSVOA_W

ClientSampleId :

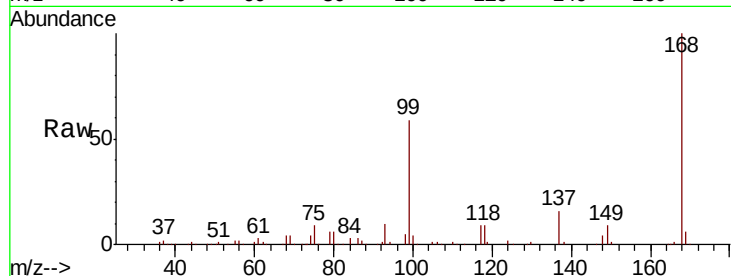
SB-15-9.5-10.0

Tot Ion:168 Resp: 198019

Ion Ratio Lower Upper

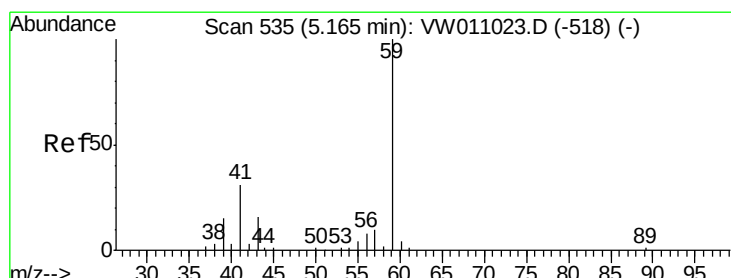
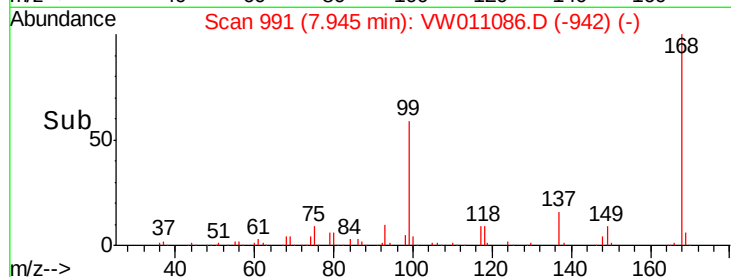
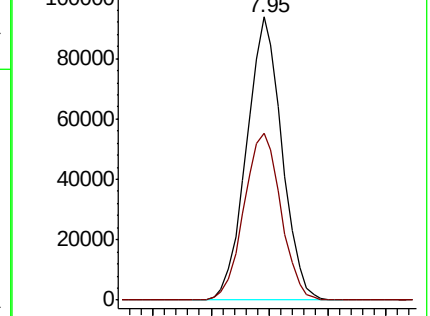
168 100

99 59.1 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 2.824 ug/l

RT: 5.17 min Scan# 535

Delta R.T. -0.00 min

Lab File: VW011086.D

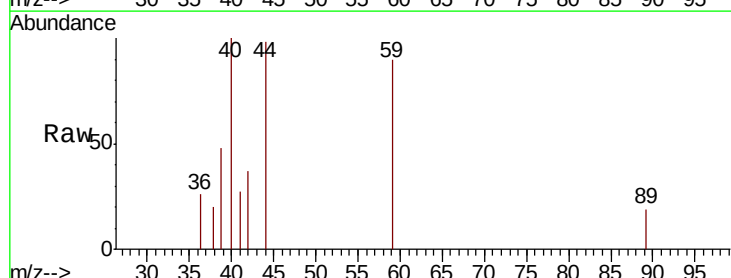
Acq: 01 Jul 2019 15:48

Tgt Ion: 59 Resp: 531

Ion Ratio Lower Upper

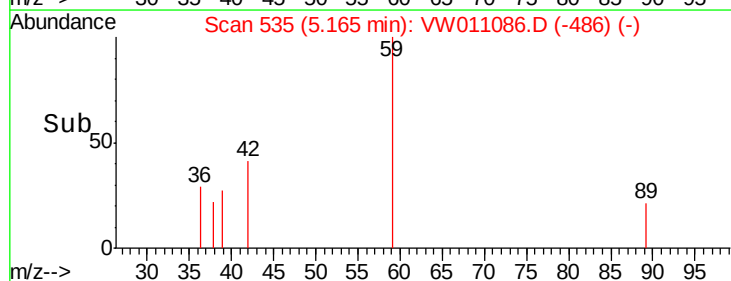
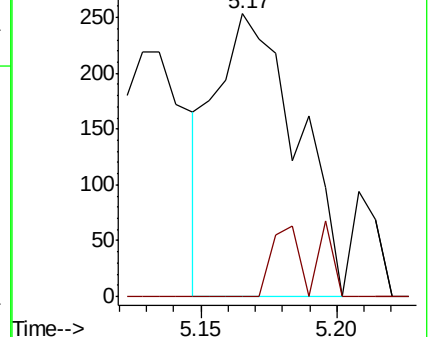
59 100

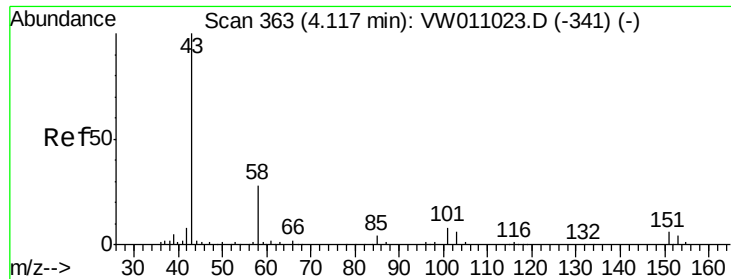
57 0.0 9.0 13.4#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 4.634 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW011086.D

Acq: 01 Jul 2019 15:48

Instrument :

MSVOA_W

ClientSampleId :

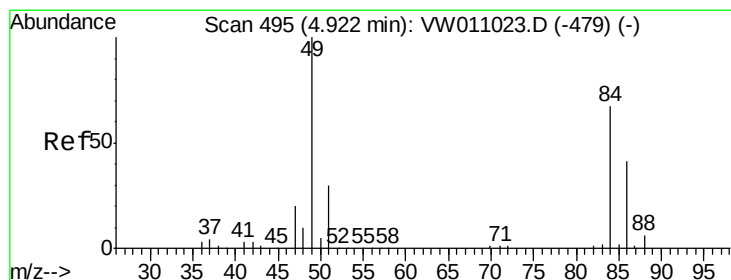
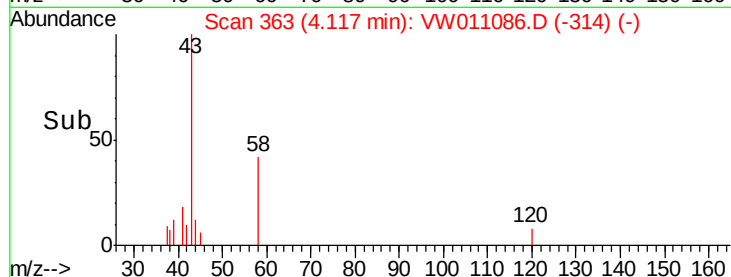
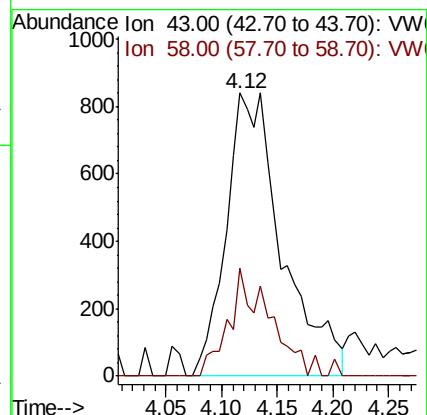
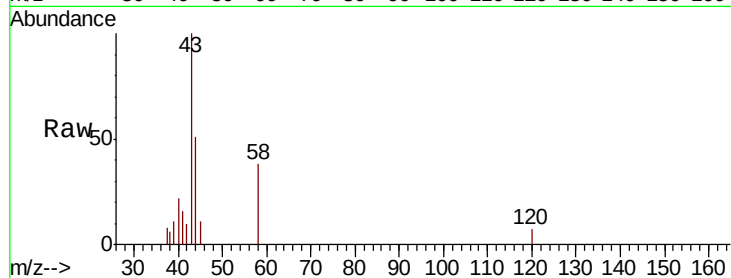
SB-15-9.5-10.0

Tot Ion: 43 Resp: 2928

Ion Ratio Lower Upper

43 100

58 38.2 22.5 33.7#



#20

Methylene Chloride

Concen: 1.522 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW011086.D

Acq: 01 Jul 2019 15:48

Tgt Ion: 84 Resp: 3908

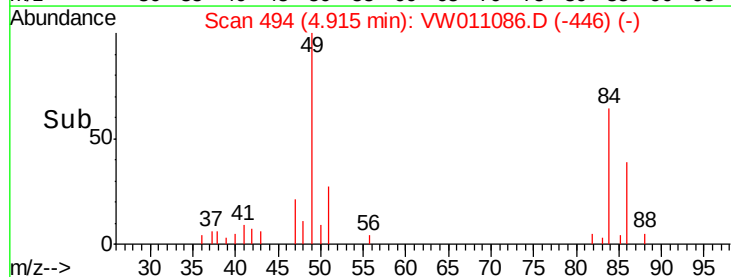
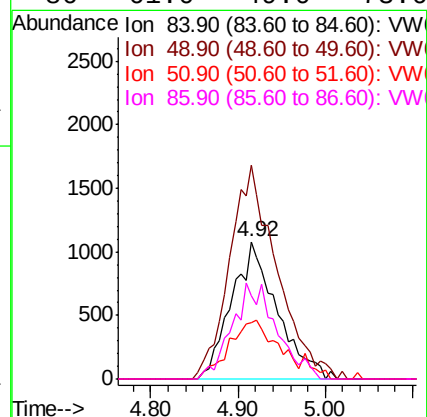
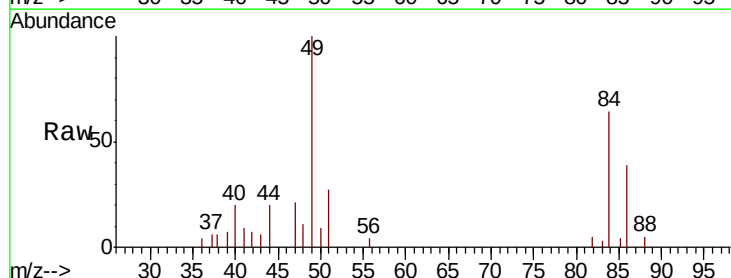
Ion Ratio Lower Upper

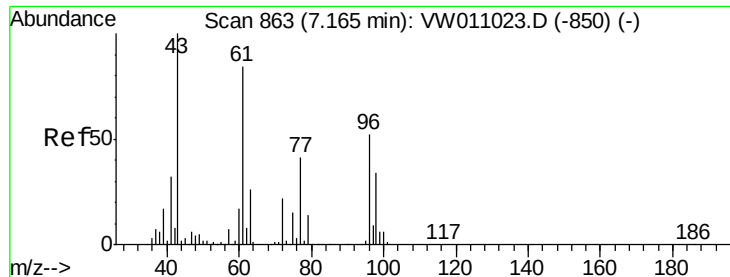
84 100

49 155.8 119.6 179.4

51 41.6 35.6 53.4

86 61.0 49.0 73.6

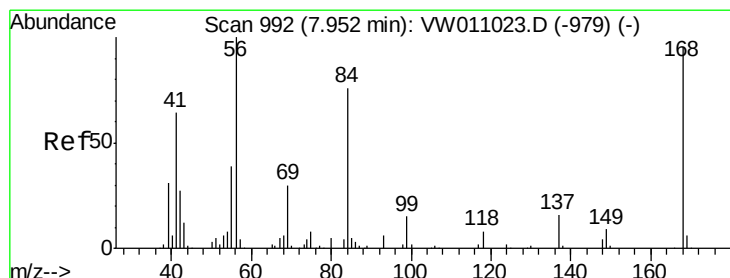
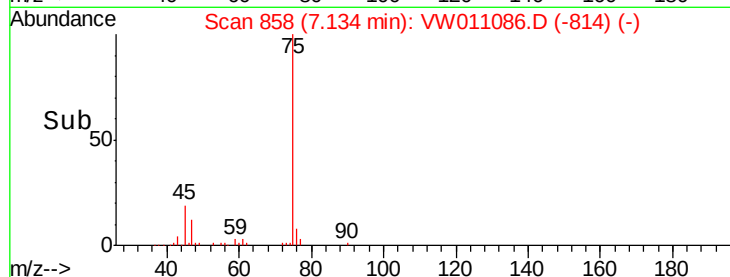
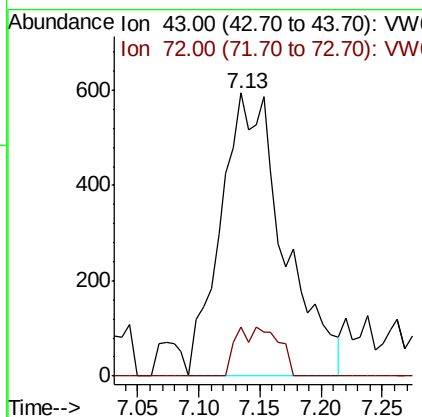
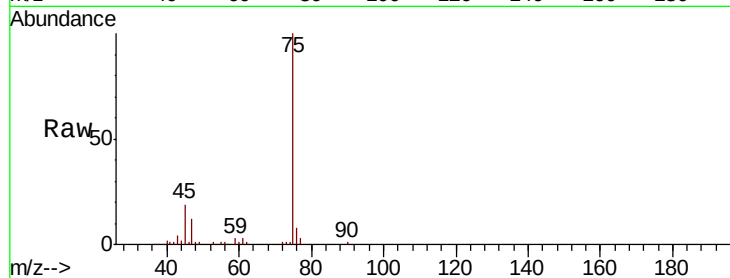




#25
2-Butanone
Concen: 2.219 ug/l
RT: 7.13 min Scan# 858
Delta R.T. -0.03 min
Lab File: VW011086.D
Acq: 01 Jul 2019 15:48

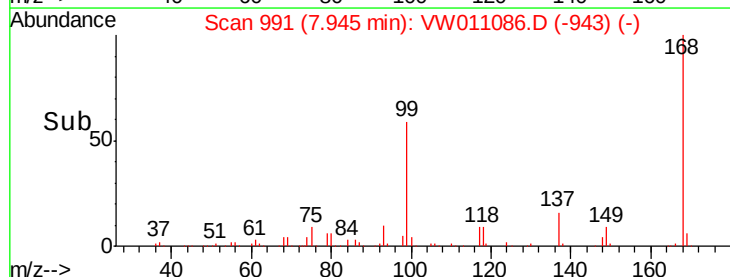
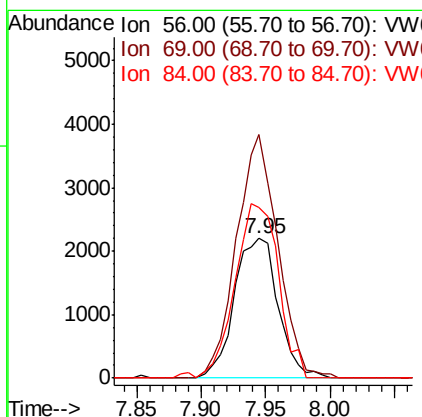
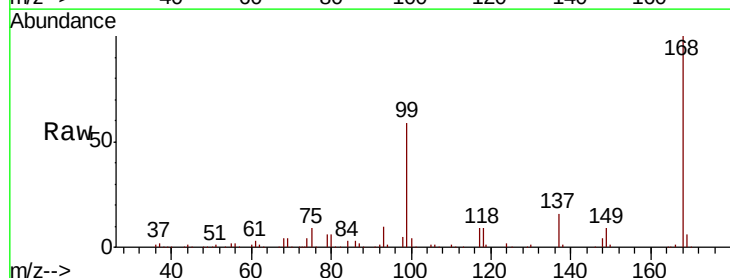
Instrument :
MSVOA_W
ClientSampleId :
SB-15-9.5-10.0

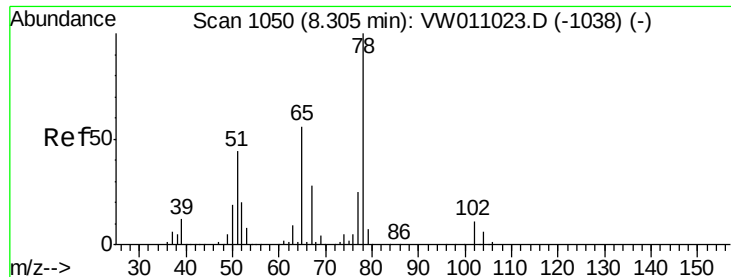
Tot Ion: 43 Resp: 2131
Ion Ratio Lower Upper
43 100
72 17.2 17.2 25.8#



#31
Cyclohexane
Concen: 1.048 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW011086.D
Acq: 01 Jul 2019 15:48

Tgt Ion: 56 Resp: 5190
Ion Ratio Lower Upper
56 100
69 174.5 24.2 36.2#
84 122.6 60.6 90.8#

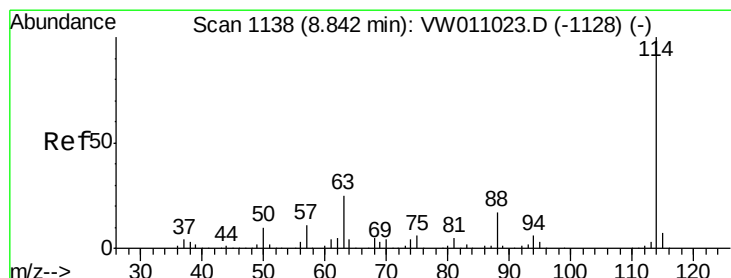
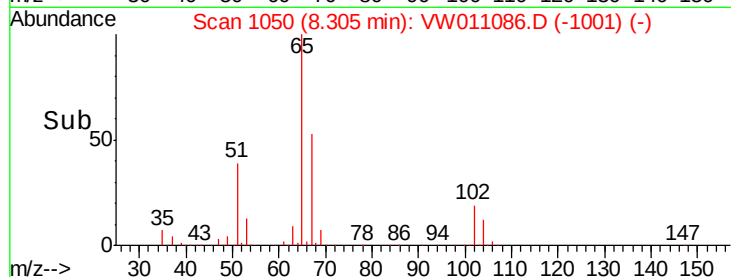
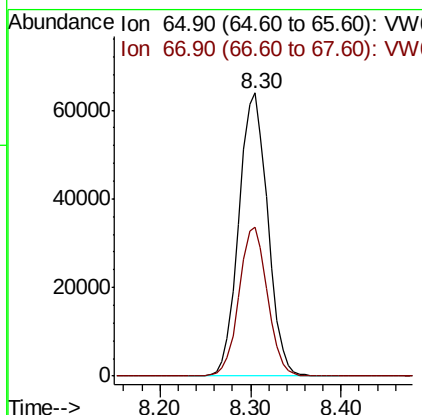
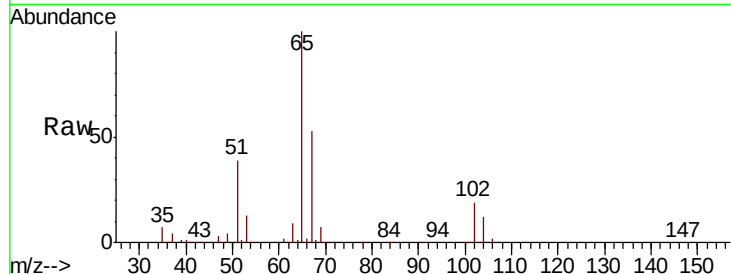




#33
 1,2-Dichloroethane-d4
 Concen: 54.507 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011086.D
 Acq: 01 Jul 2019 15:48

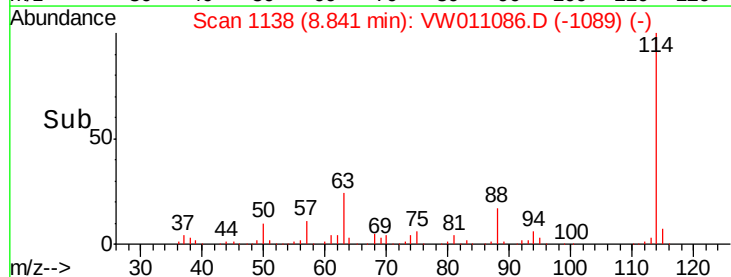
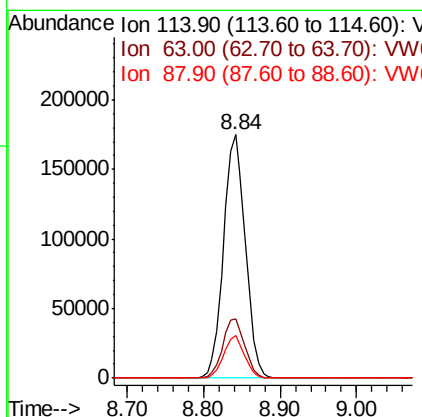
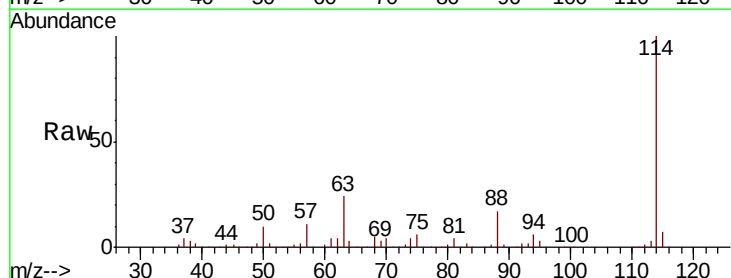
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-15-9.5-10.0

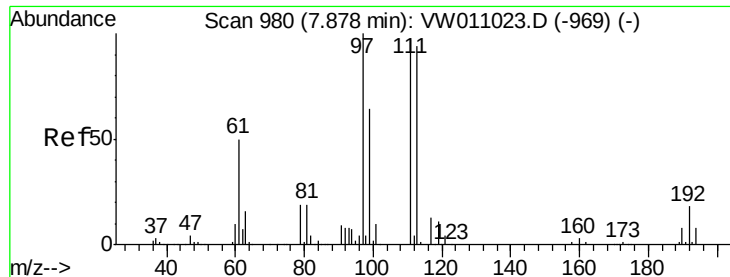
Tot Ion: 65 Resp: 141099
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011086.D
 Acq: 01 Jul 2019 15:48

Tgt Ion: 114 Resp: 343488
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 50.6
 88 17.3 0.0 34.0





#35

Dibromofluoromethane

Concen: 50.736 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW011086.D

Acq: 01 Jul 2019 15:48

Instrument :

MSVOA_W

ClientSampleId :

SB-15-9.5-10.0

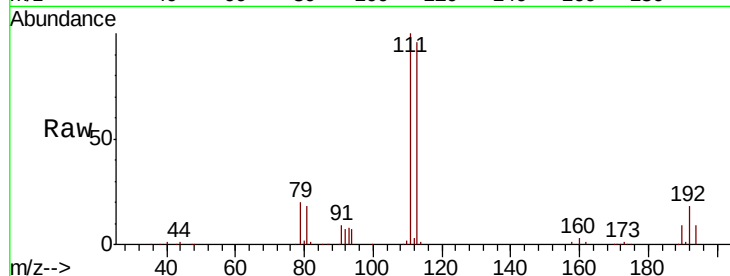
Tot Ion:113 Resp: 106418

Ion Ratio Lower Upper

113 100

111 103.7 83.8 125.6

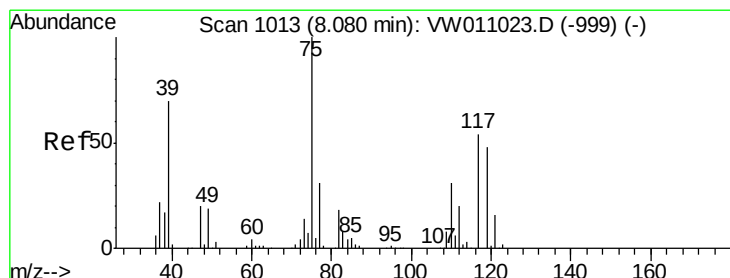
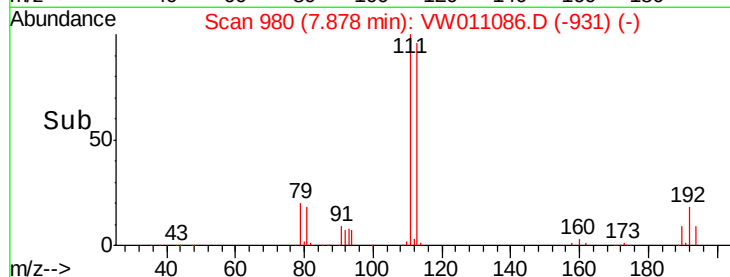
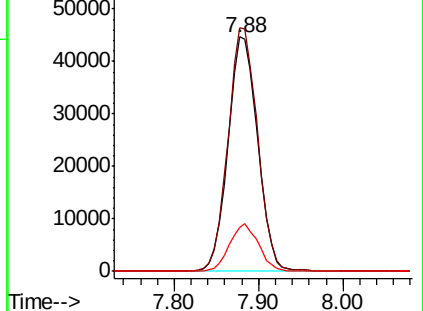
192 19.8 16.0 24.0



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: 4.924 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW011086.D

Acq: 01 Jul 2019 15:48

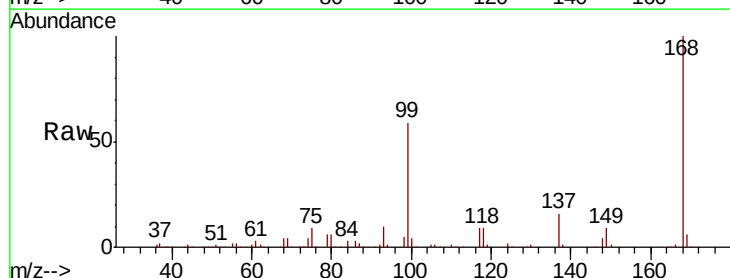
Tgt Ion: 75 Resp: 18180

Ion Ratio Lower Upper

75 100

110 8.4 15.5 46.5#

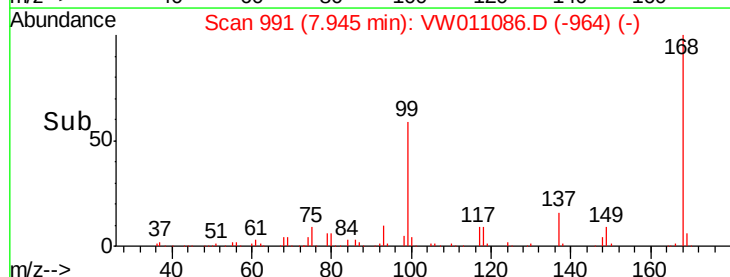
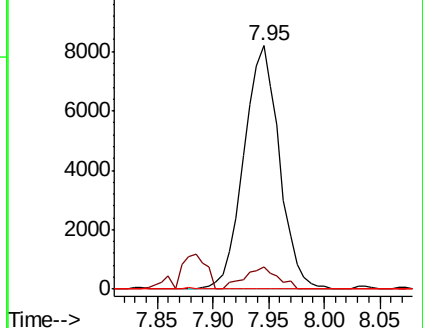
77 0.0 24.9 37.3#

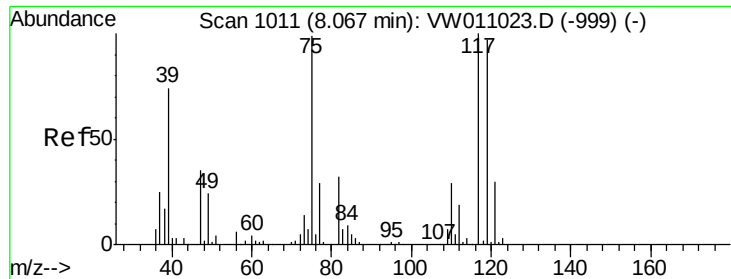


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

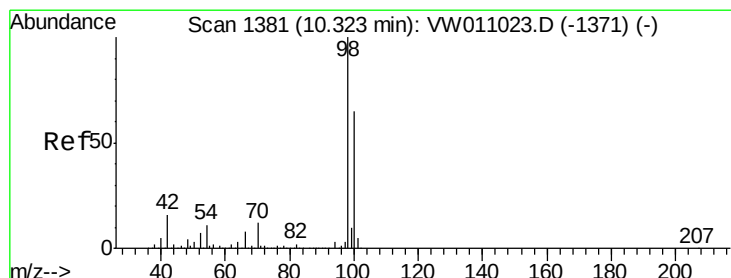
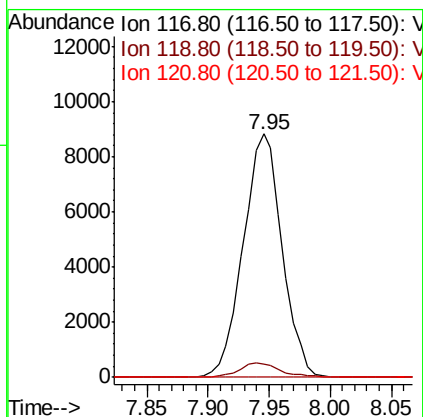
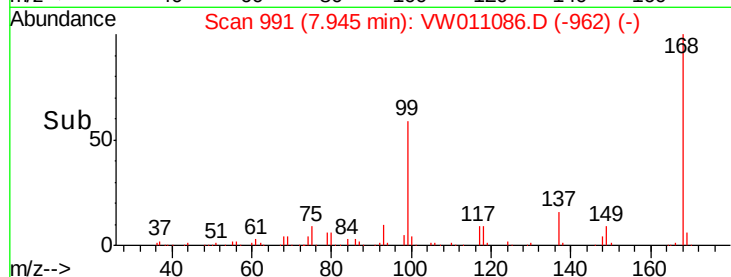
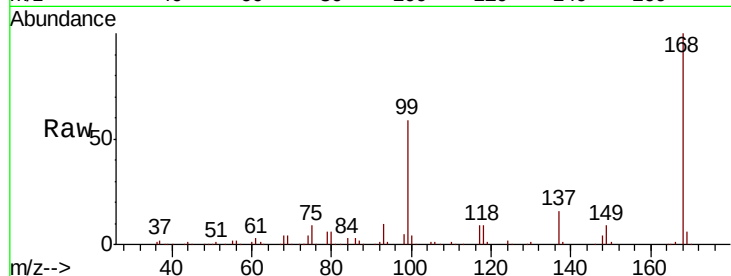




#38
Carbon Tetrachloride
Concen: 6.411 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW011086.D
Acq: 01 Jul 2019 15:48

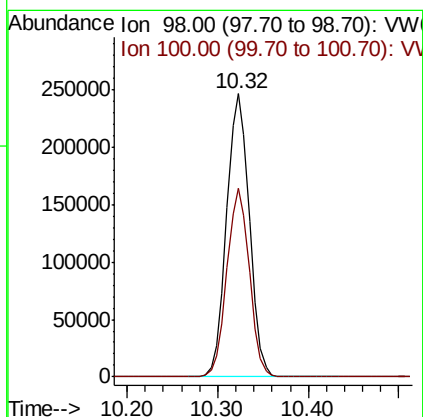
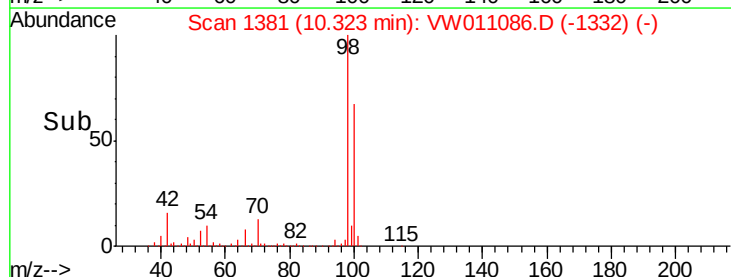
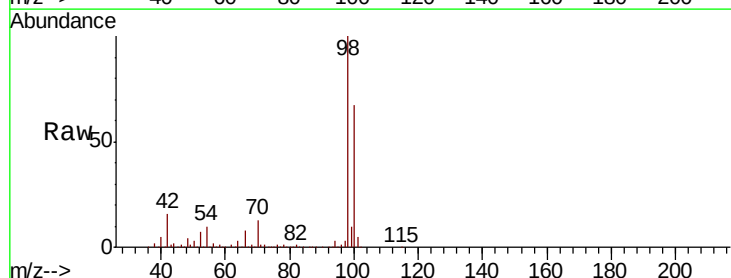
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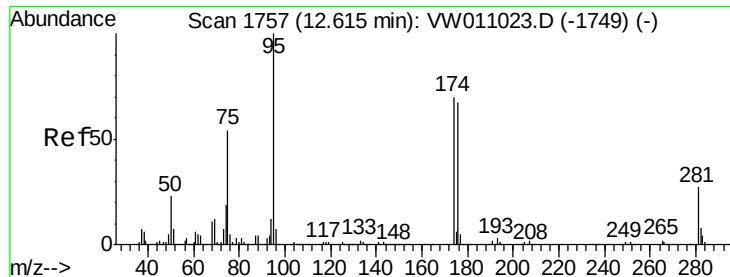
Tot Ion:117 Resp: 19492
Ion Ratio Lower Upper
117 100
119 5.4 77.7 116.5#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 49.741 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011086.D
Acq: 01 Jul 2019 15:48

Tgt Ion: 98 Resp: 429454
Ion Ratio Lower Upper
98 100
100 65.5 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 45.221 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW011086.D

Acq: 01 Jul 2019 15:48

Instrument :

MSVOA_W

ClientSampleId :

SB-15-9.5-10.0

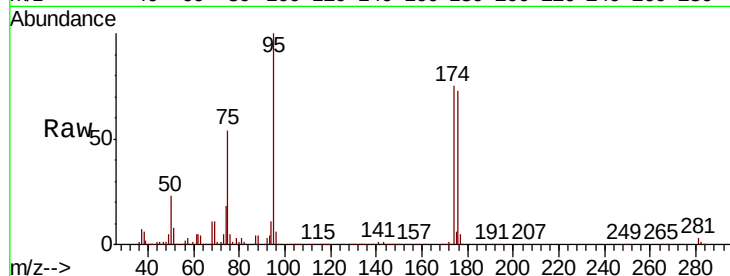
Tot Ion: 95 Resp: 142800

Ion Ratio Lower Upper

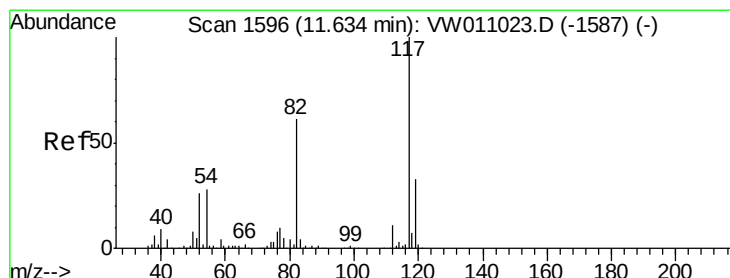
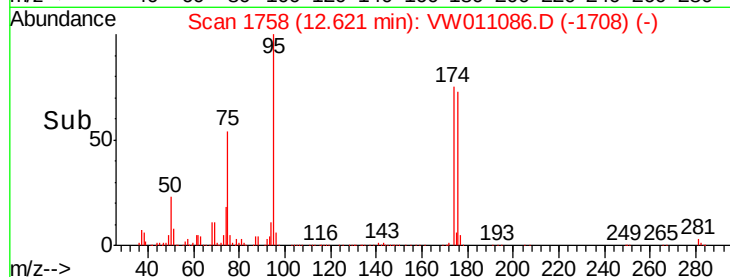
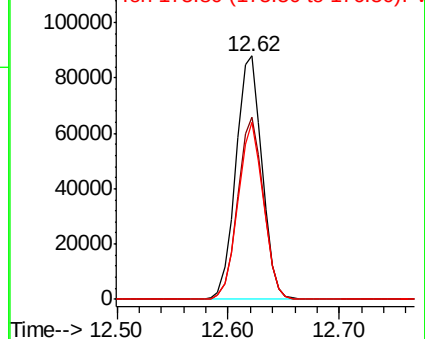
95 100

174 73.5 0.0 149.2

176 70.7 0.0 143.6



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: VW011086.D

Acq: 01 Jul 2019 15:48

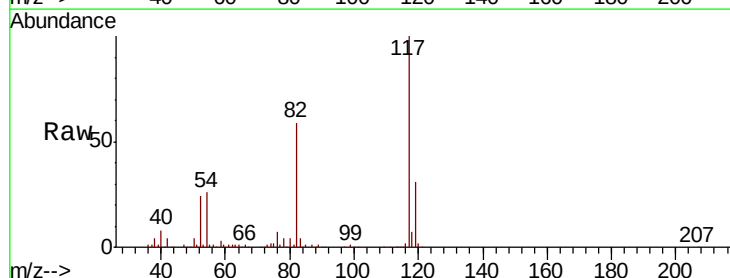
Tgt Ion: 117 Resp: 295597

Ion Ratio Lower Upper

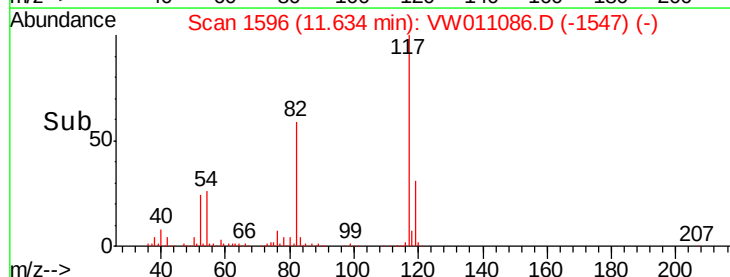
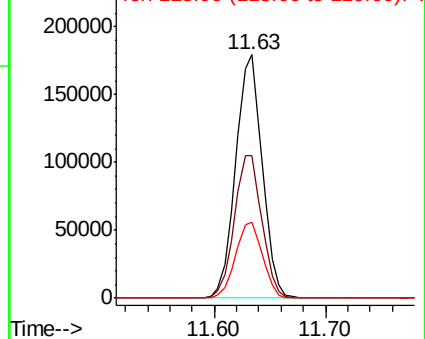
117 100

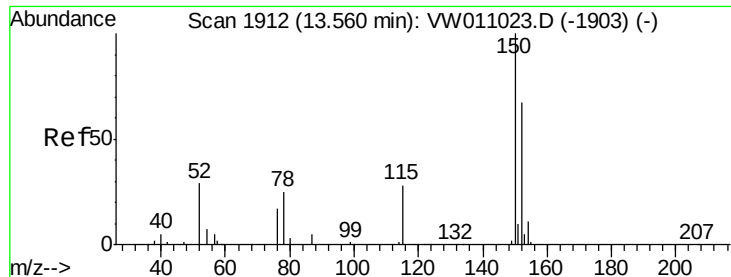
82 58.6 48.6 73.0

119 31.1 26.1 39.1



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: VW011086.D

Acq: 01 Jul 2019 15:48

Instrument :

MSVOA_W

ClientSampleId :

SB-15-9.5-10.0

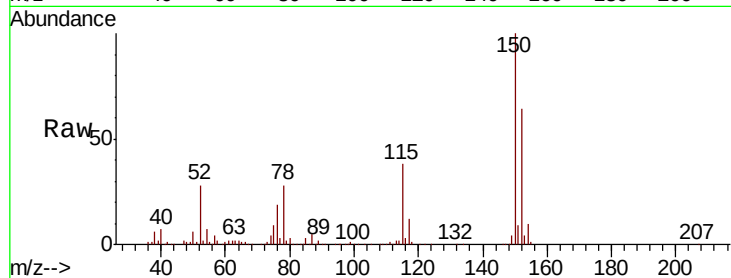
Tot Ion:152 Resp: 125584

Ion Ratio Lower Upper

152 100

115 60.8 30.7 92.1

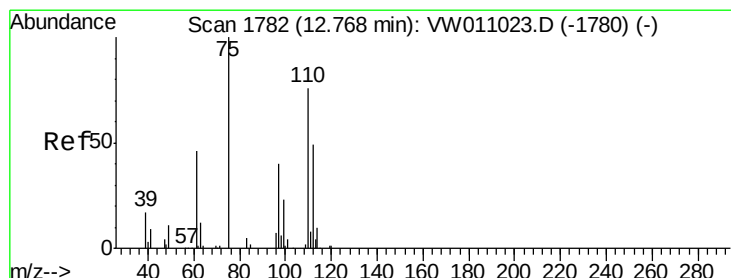
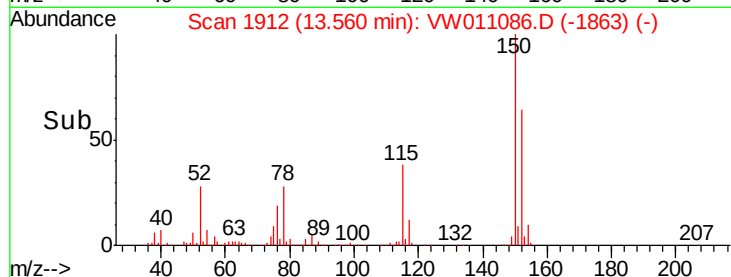
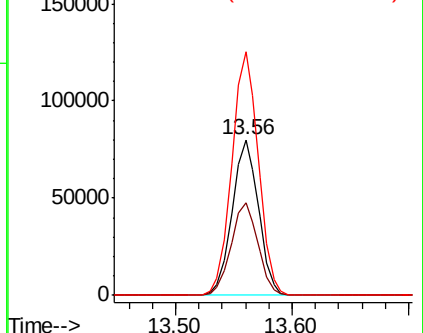
150 158.3 0.0 341.8



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



#76

1,2,3-Trichloropropane

Concen: 58.834 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011086.D

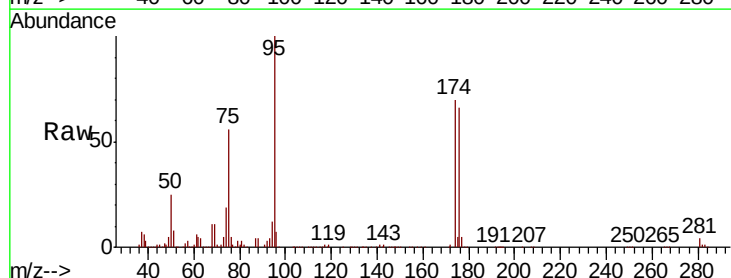
Acq: 01 Jul 2019 15:48

Tgt Ion: 75 Resp: 78004

Ion Ratio Lower Upper

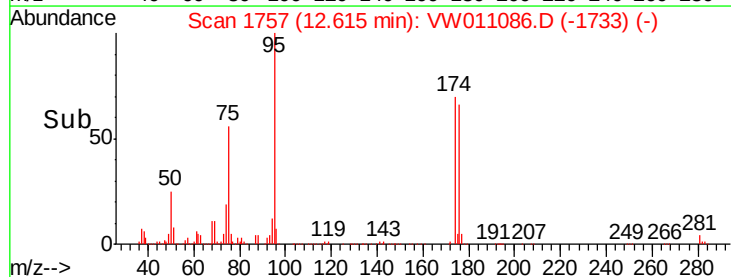
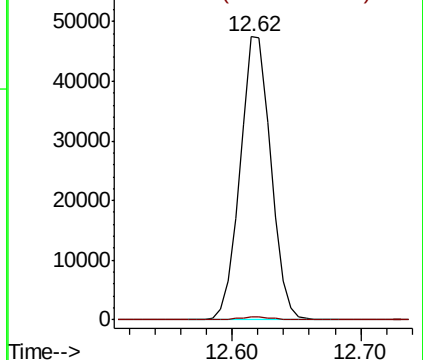
75 100

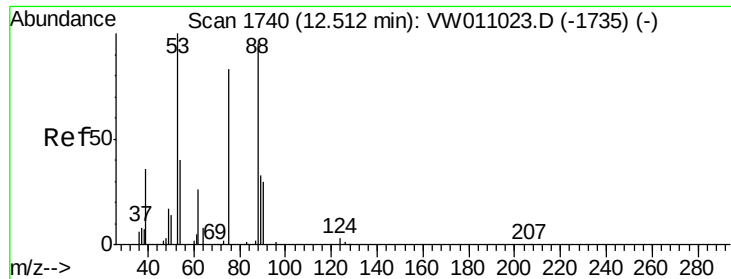
77 1.1 0.0 0.0#



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: 119.014 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW011086.D
 Acq: 01 Jul 2019 15:48

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-15-9.5-10.0

Tot Ion: 75 Resp: 78004
 Ion Ratio Lower Upper
 75 100
 53 0.3 95.6 143.4#
 89 0.0 34.4 51.6#

