

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW072519\
 Data File : VW011465.D
 Acq On : 24 Jul 2019 10:47
 Operator : SY/VA
 Sample : VW0725SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0725SBL01

Quant Time: Jul 24 11:08:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	260230	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	425490	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	353571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	149379	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	148501	45.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.82%	
35) Dibromofluoromethane	7.88	113	125341	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.84%	
50) Toluene-d8	10.32	98	514195	50.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.32%	
62) 4-Bromofluorobenzene	12.62	95	171627	45.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.36%	

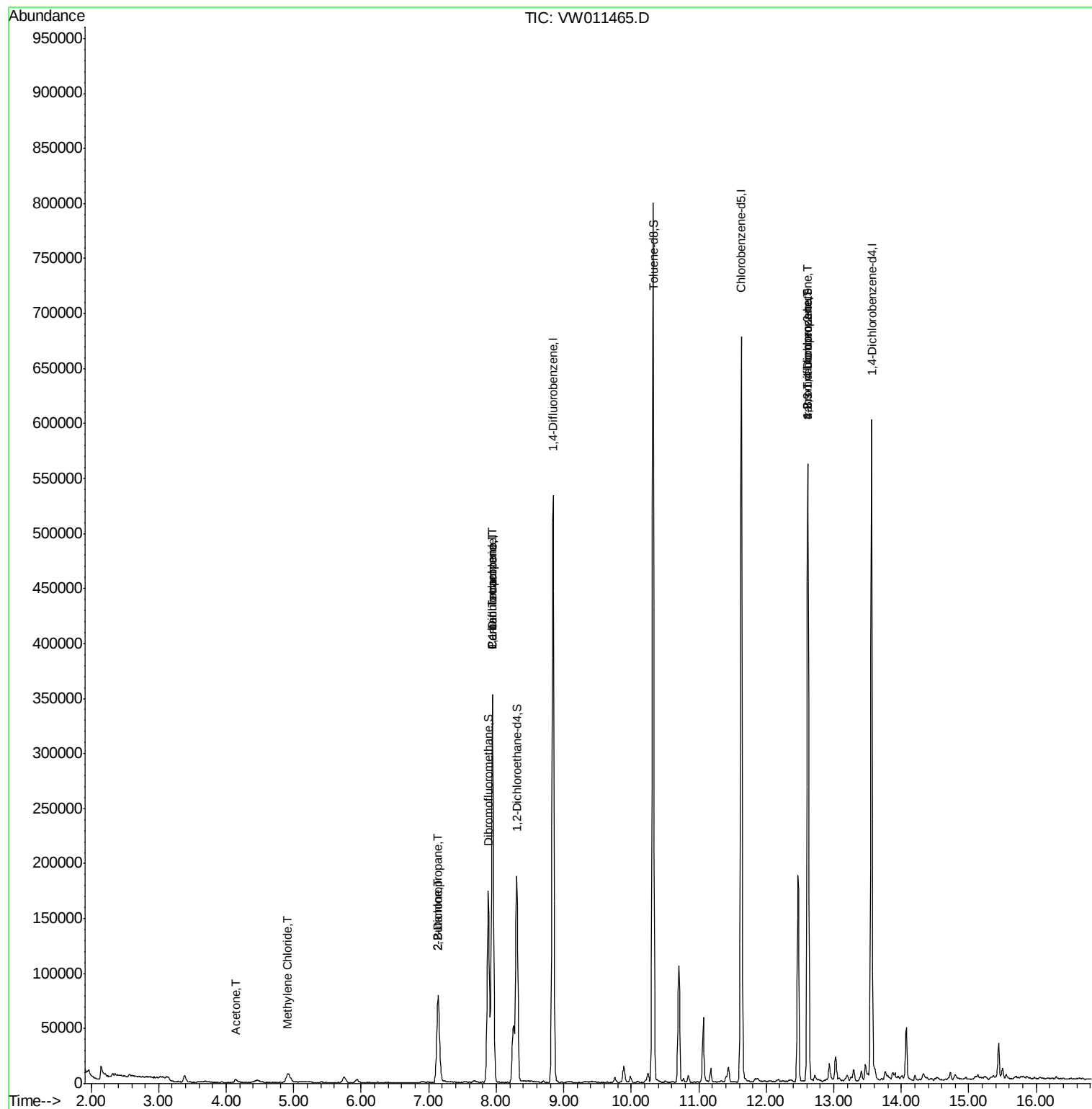
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	5611	7.132	ug/l	96
18) Methyl Acetate	4.65	43	170	Below Cal	#	57
20) Methylene Chloride	4.91	84	5478	1.765	ug/l	84
25) 2-Butanone	7.15	43	5366	4.345	ug/l #	82
26) 2,2-Dichloropropane	7.15	77	5414	1.749	ug/l #	53
36) 1,1-Dichloropropene	7.94	75	22481	4.962	ug/l #	51
38) Carbon Tetrachloride	7.95	117	26003	6.770	ug/l #	14
76) 1,2,3-Trichloropropane	12.62	75	89238	51.694	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	89238	116.923	ug/l #	6

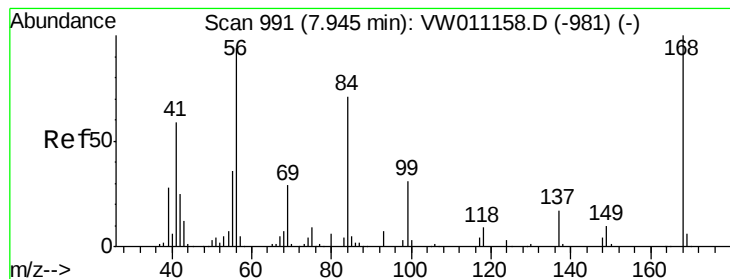
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW072519\
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ALS Vial : 3 Sample Multiplier: 1

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Quant Title : SW846 8260
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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: VW011465.D

Acq: 24 Jul 2019 10:47

Instrument :

MSVOA_W

ClientSampleId :

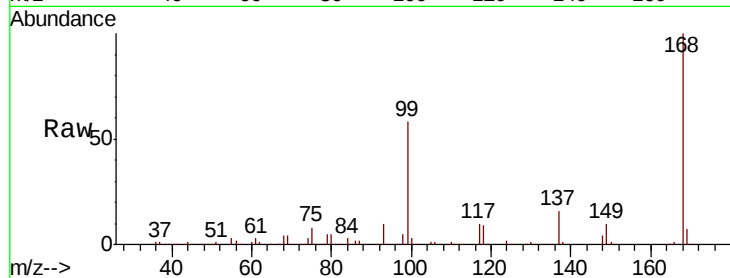
VW0725SBL01

Tgt Ion:168 Resp: 260230

Ion Ratio Lower Upper

168 100

99 57.5 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

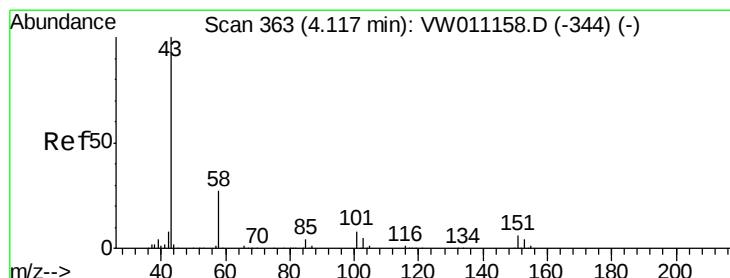
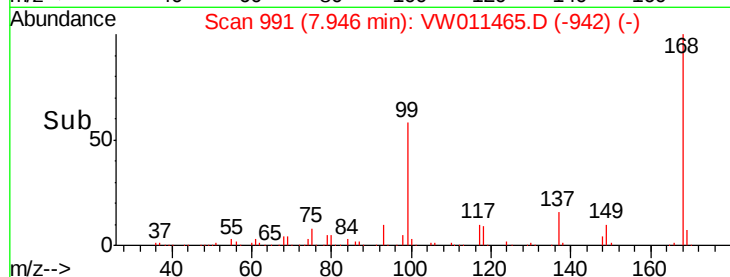
7.95

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 7.132 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW011465.D

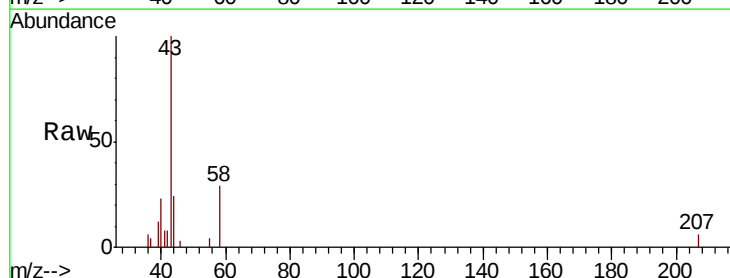
Acq: 24 Jul 2019 10:47

Tgt Ion: 43 Resp: 5611

Ion Ratio Lower Upper

43 100

58 29.3 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

2000

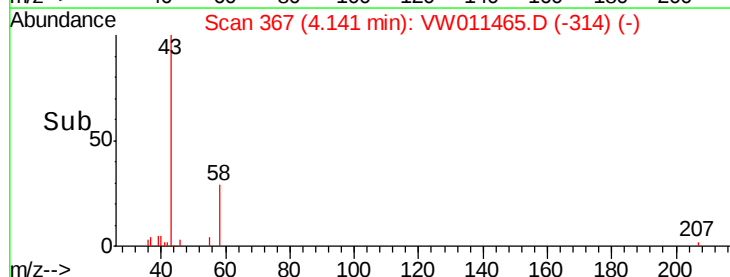
1500

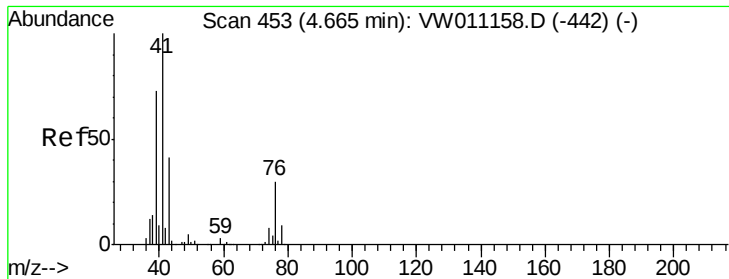
1000

500

0

Time--> 4.05 4.10 4.15 4.20 4.25

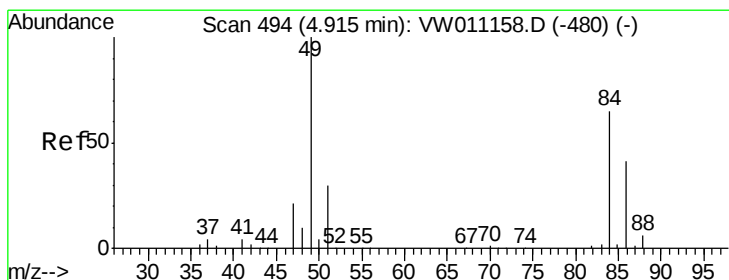
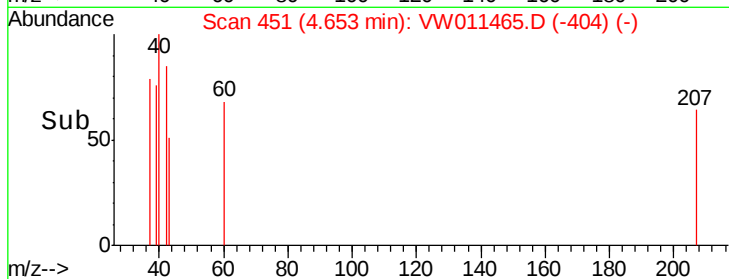
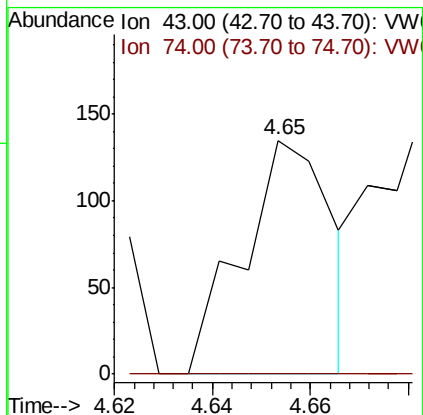
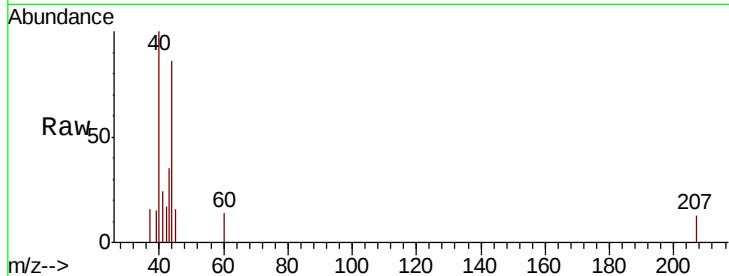




#18
Methyl Acetate
Concen: Below Cal
RT: 4.65 min Scan# 451
Delta R.T. -0.01 min
Lab File: VW011465.D
Acq: 24 Jul 2019 10:47

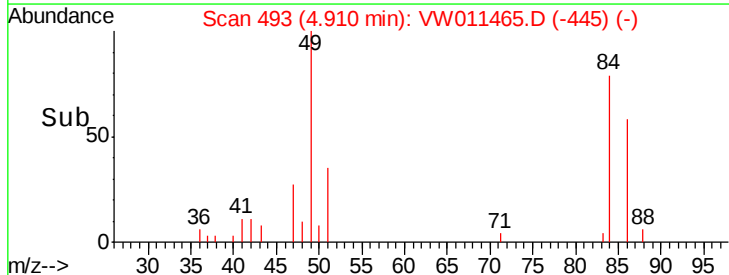
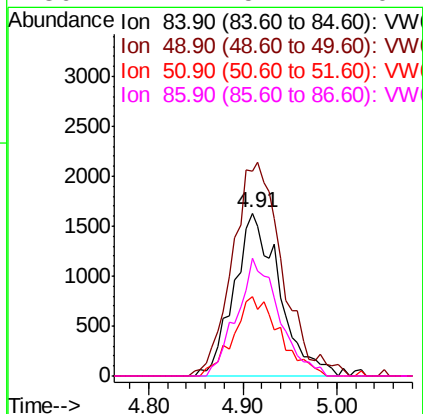
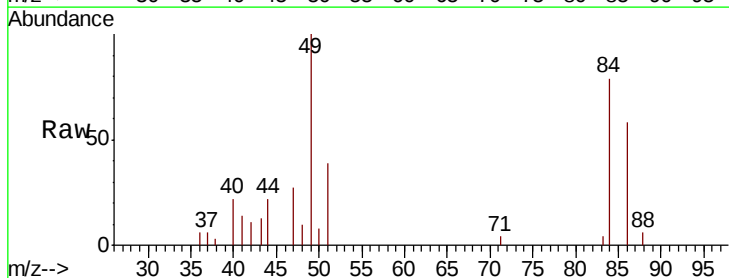
Instrument :
MSVOA_W
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VW0725SBL01

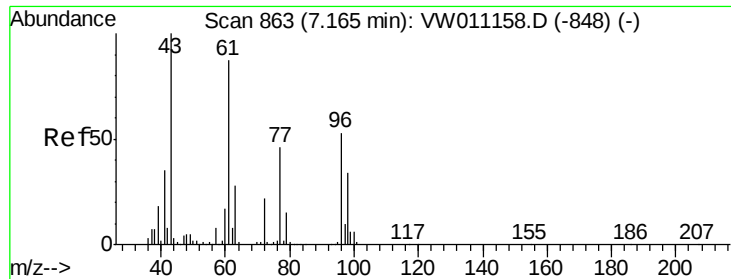
Tgt Ion: 43 Resp: 170
Ion Ratio Lower Upper
43 100
74 0.0 15.7 23.5#



#20
Methylene Chloride
Concen: 1.765 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011465.D
Acq: 24 Jul 2019 10:47

Tgt Ion: 84 Resp: 5478
Ion Ratio Lower Upper
84 100
49 126.0 123.8 185.6
51 48.7 37.4 56.2
86 72.7 51.1 76.7





#25

2-Butanone

Concen: 4.345 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW011465.D

Acq: 24 Jul 2019 10:47

Instrument :

MSVOA_W

ClientSampleId :

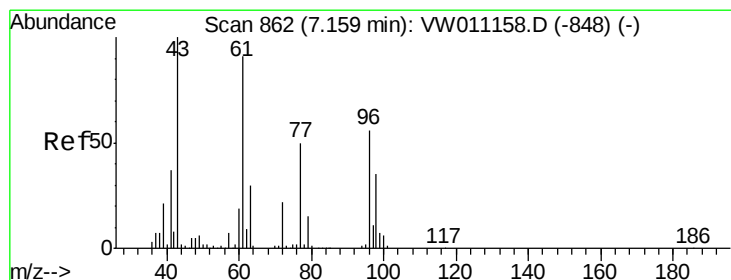
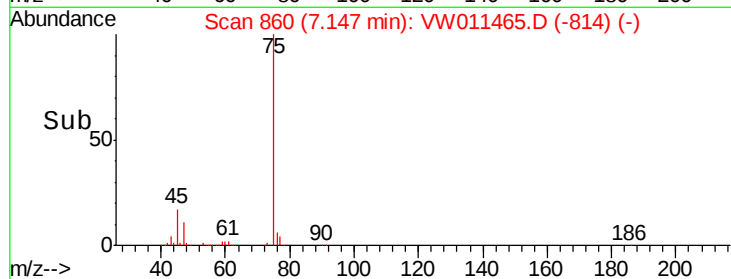
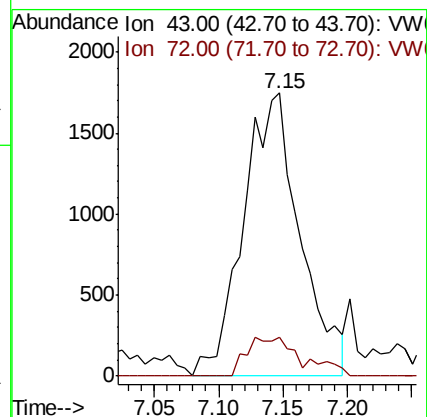
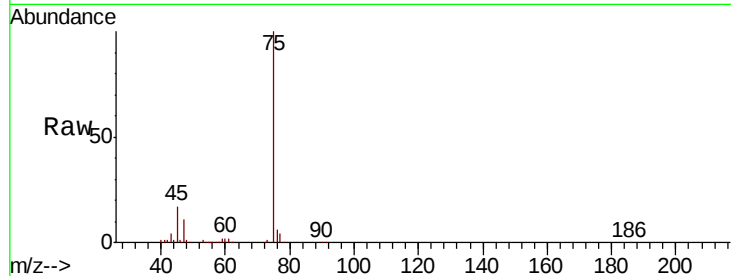
VW0725SBL01

Tgt Ion: 43 Resp: 5366

Ion Ratio Lower Upper

43 100

72 13.6 17.6 26.4#



#26

2,2-Dichloropropane

Concen: 1.749 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: VW011465.D

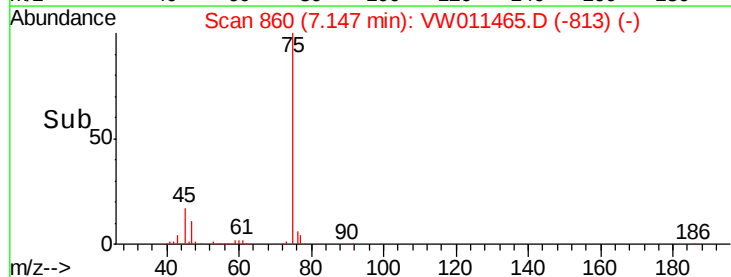
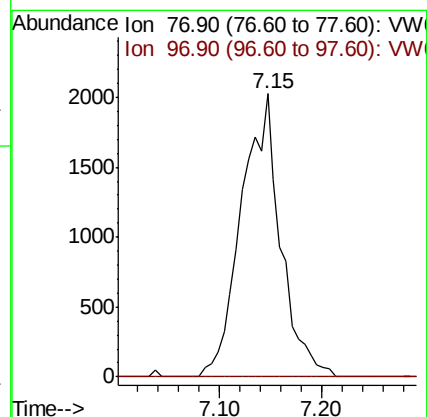
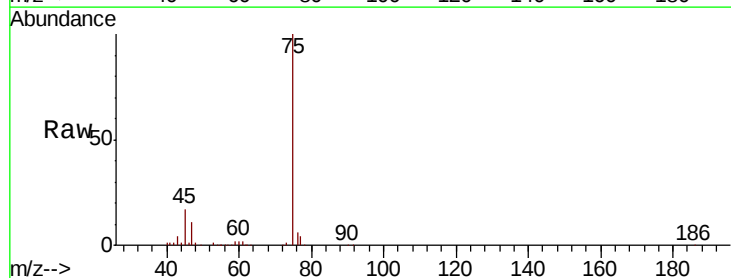
Acq: 24 Jul 2019 10:47

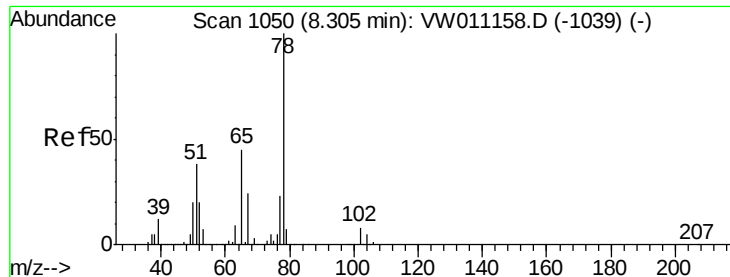
Tgt Ion: 77 Resp: 5414

Ion Ratio Lower Upper

77 100

97 0.0 11.2 33.5#

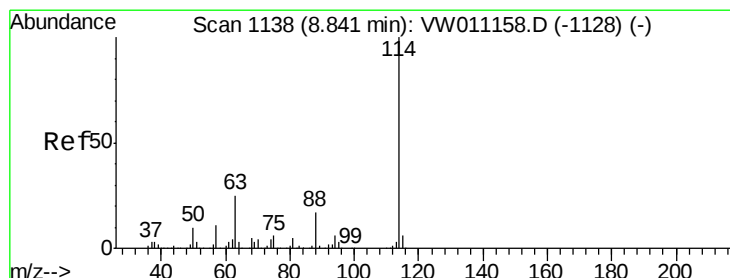
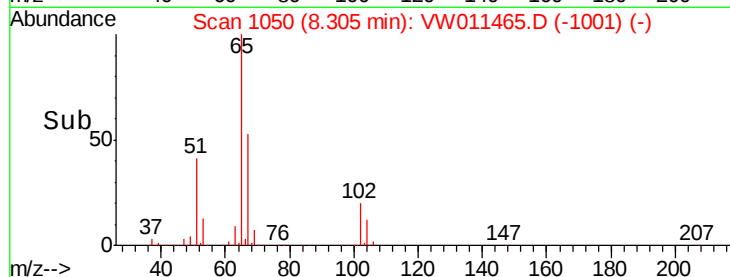
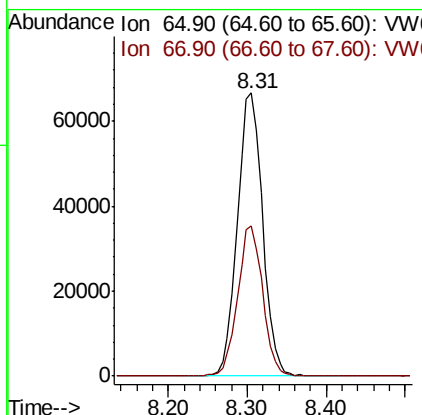
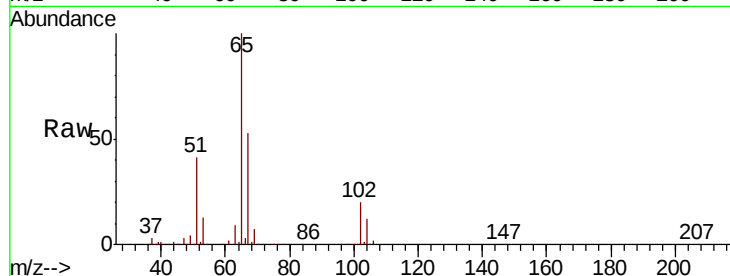




#33
 1,2-Dichloroethane-d4
 Concen: 45.415 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW011465.D
 Acq: 24 Jul 2019 10:47

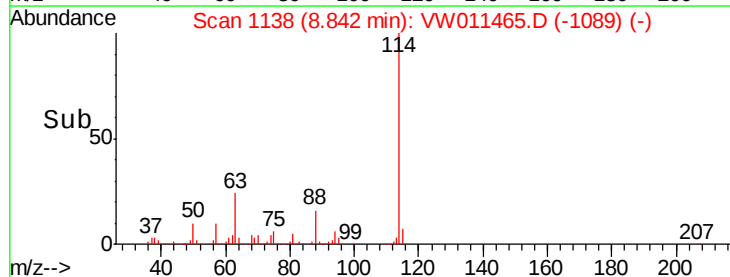
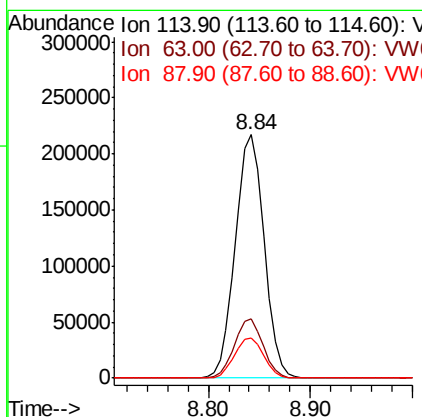
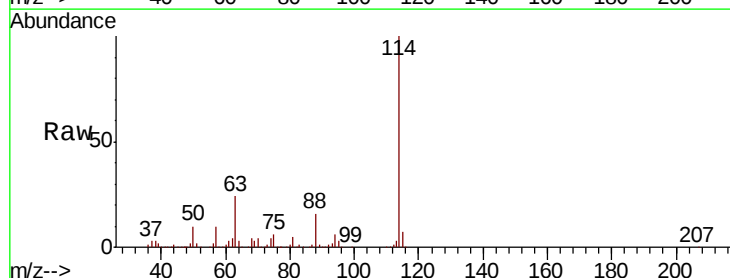
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 VW0725SBL01

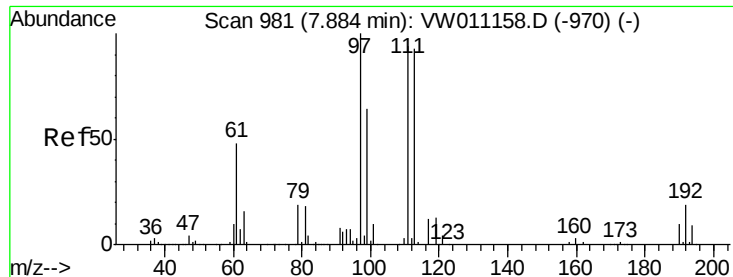
Tgt Ion: 65 Resp: 148501
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011465.D
 Acq: 24 Jul 2019 10:47

Tgt Ion: 114 Resp: 425490
 Ion Ratio Lower Upper
 114 100
 63 24.1 0.0 50.8
 88 16.4 0.0 34.2

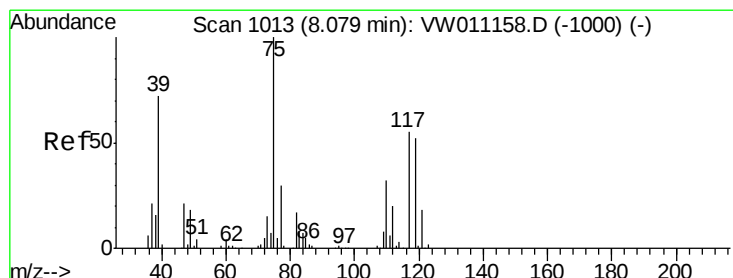
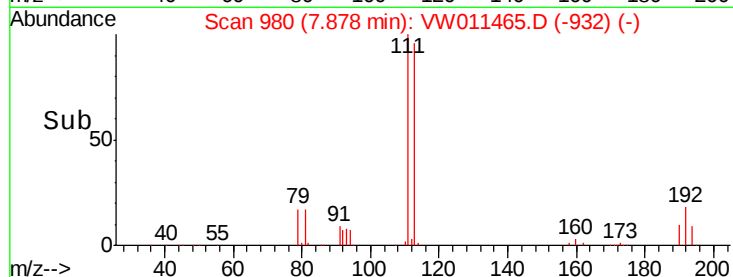
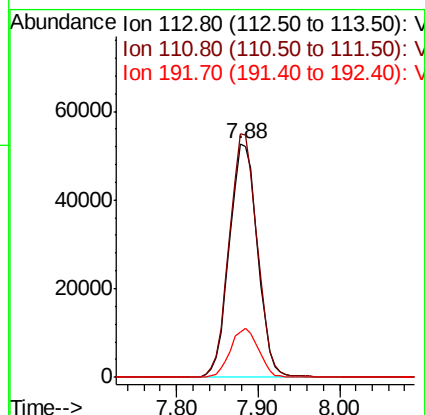
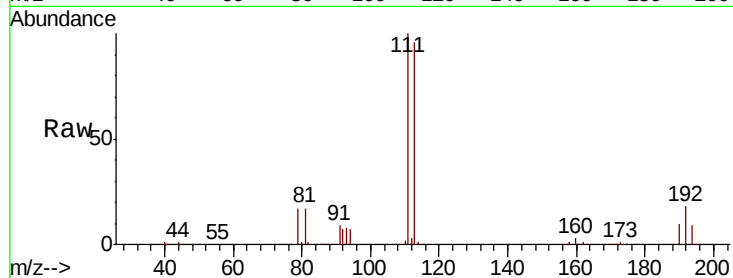




#35
 Dibromofluoromethane
 Concen: 49.423 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011465.D
 Acq: 24 Jul 2019 10:47

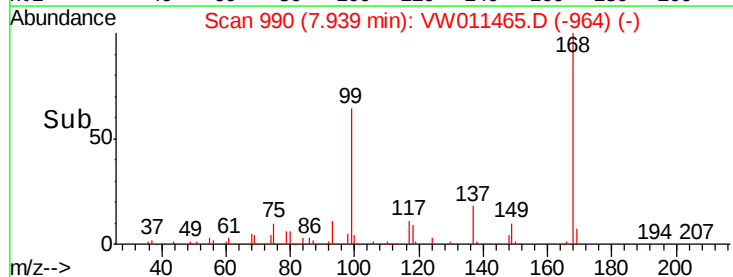
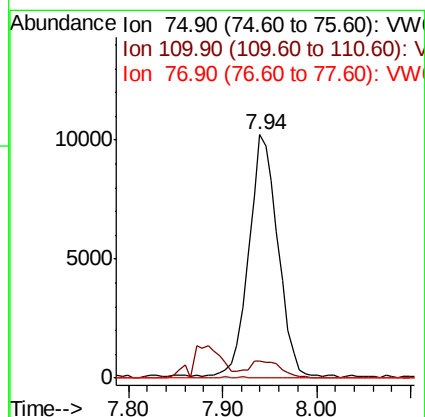
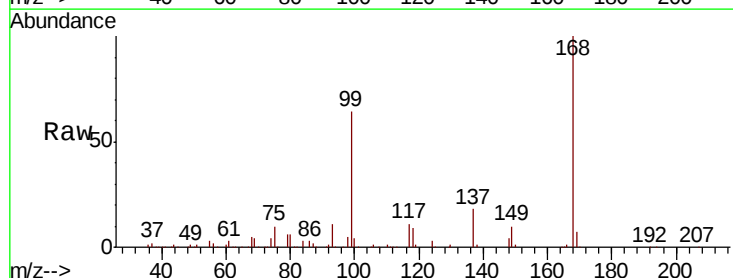
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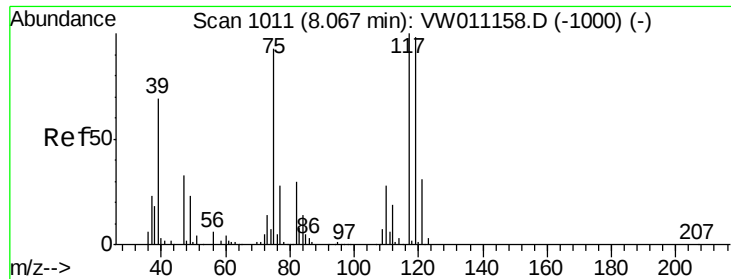
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.4	123.6
192	20.8	15.8	23.8



#36
 1,1-Dichloropropene
 Concen: 4.962 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW011465.D
 Acq: 24 Jul 2019 10:47

Tgt Ion	Ratio	Lower	Upper
75	100		
110	8.0	15.9	47.6#
77	0.1	24.6	36.8#

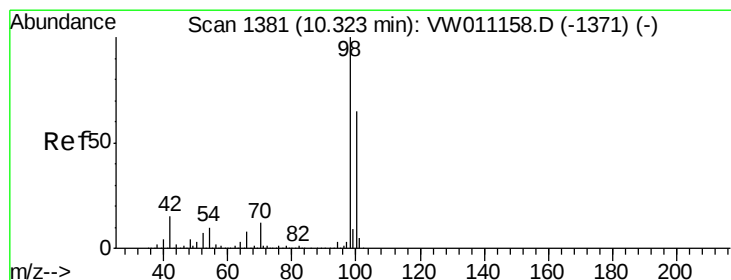
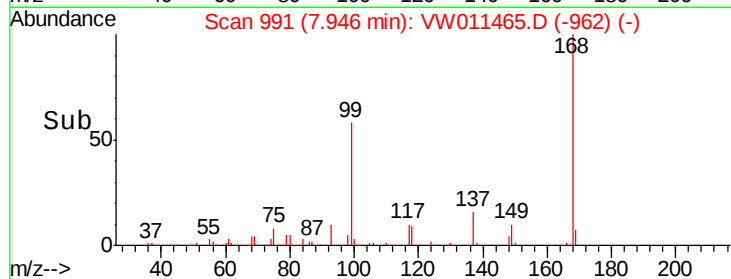
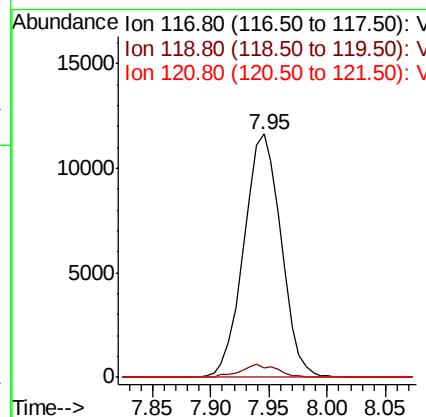
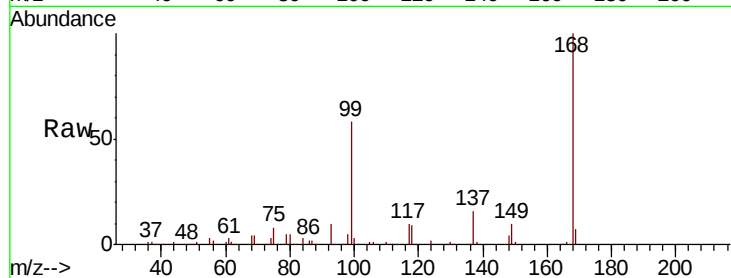




#38
Carbon Tetrachloride
Concen: 6.770 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW011465.D
Acq: 24 Jul 2019 10:47

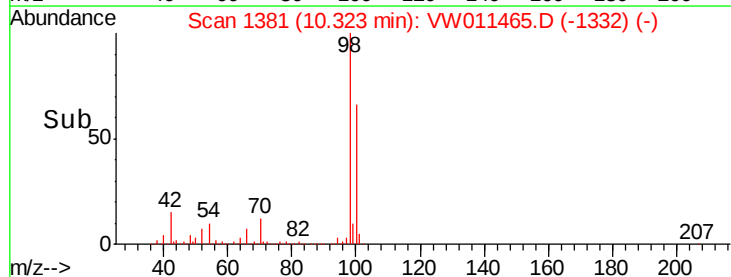
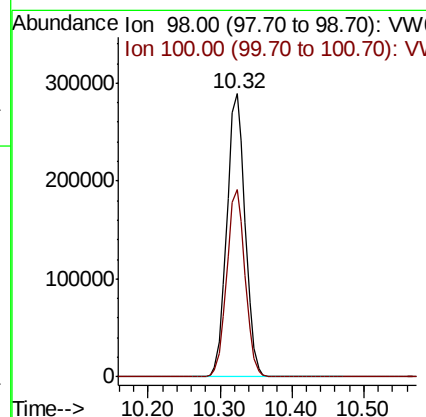
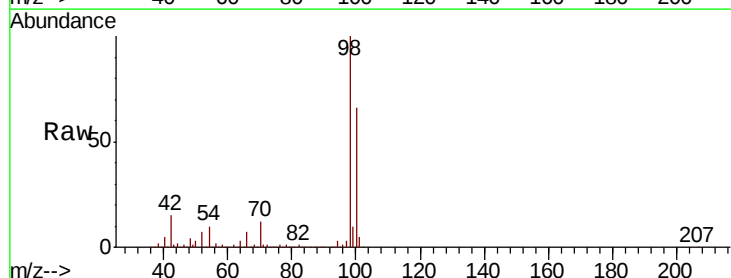
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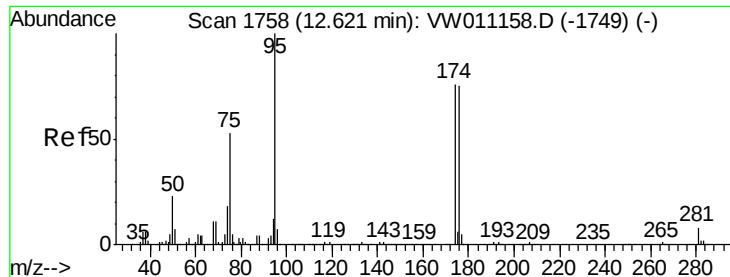
Tgt Ion:117 Resp: 26003
Ion Ratio Lower Upper
117 100
119 4.0 78.1 117.1#
121 0.0 25.1 37.7#



#50
Toluene-d8
Concen: 50.159 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011465.D
Acq: 24 Jul 2019 10:47

Tgt Ion: 98 Resp: 514195
Ion Ratio Lower Upper
98 100
100 66.1 52.4 78.6





#62

4-Bromofluorobenzene

Concen: 45.676 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW011465.D

Acq: 24 Jul 2019 10:47

Instrument :

MSVOA_W

ClientSampleId :

VW0725SBL01

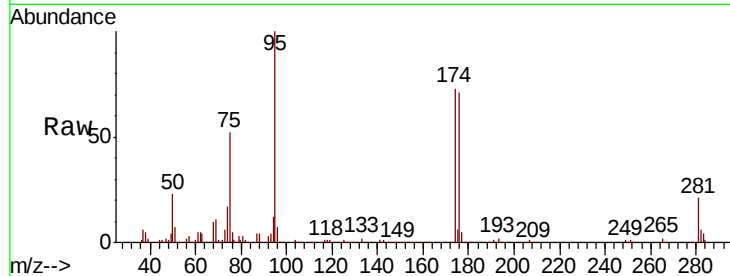
Tgt Ion: 95 Resp: 171627

Ion Ratio Lower Upper

95 100

174 75.9 0.0 147.6

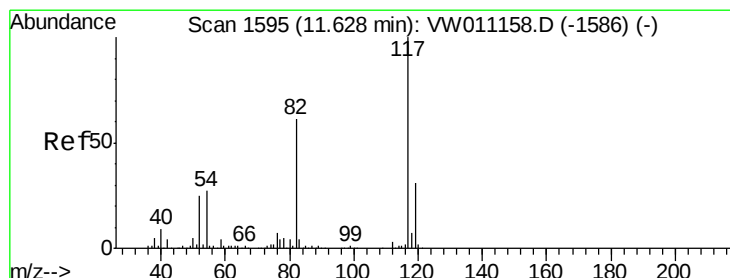
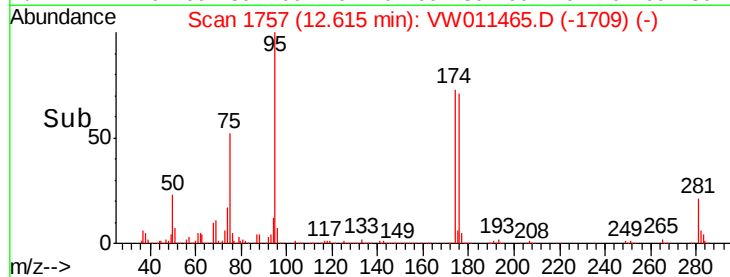
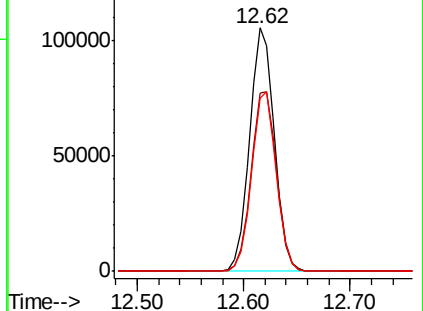
176 73.3 0.0 144.6



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# 1595

Delta R.T. 0.00 min

Lab File: VW011465.D

Acq: 24 Jul 2019 10:47

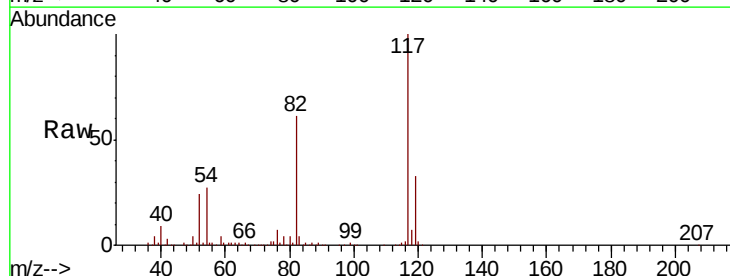
Tgt Ion: 117 Resp: 353571

Ion Ratio Lower Upper

117 100

82 60.7 48.9 73.3

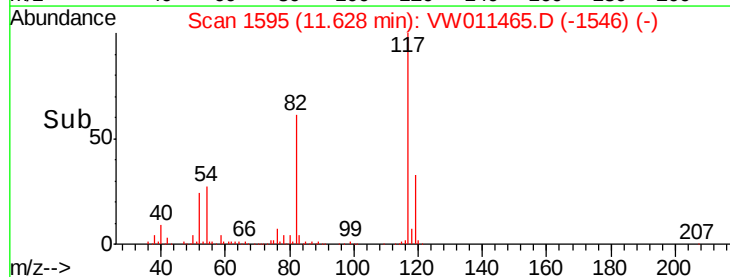
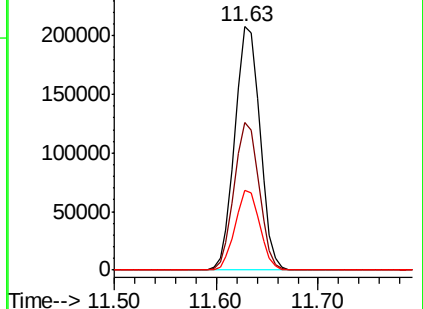
119 32.6 25.0 37.6

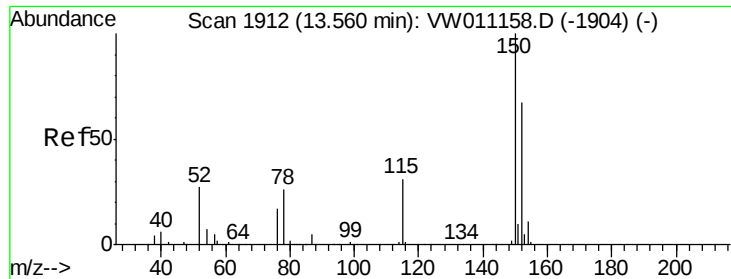


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW011465.D

Acq: 24 Jul 2019 10:47

Instrument :

MSVOA_W

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VW0725SBL01

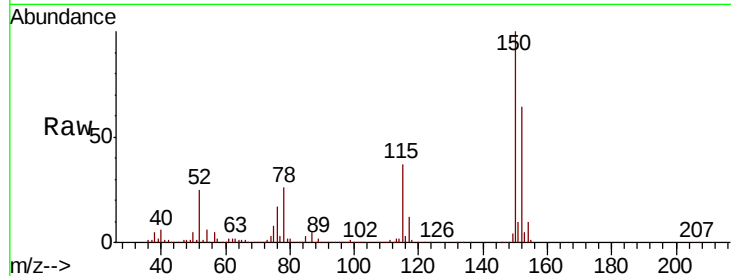
Tgt Ion:152 Resp: 149379

Ion Ratio Lower Upper

152 100

115 59.4 30.1 90.3

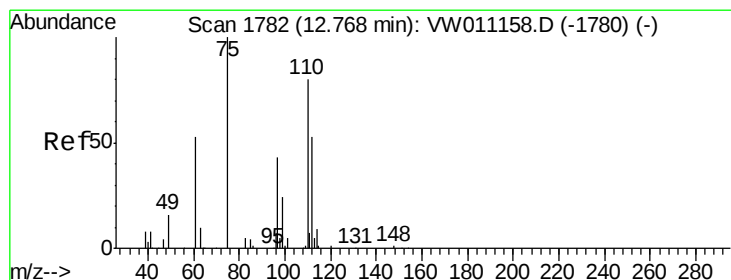
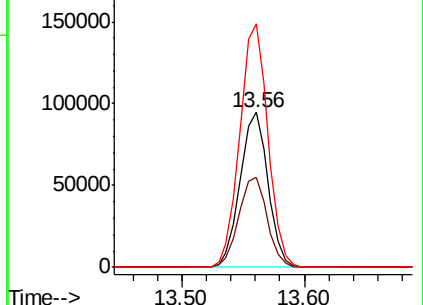
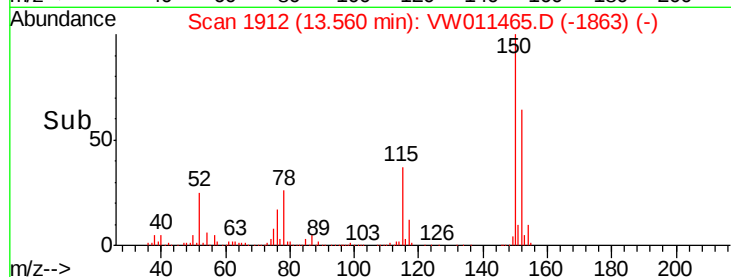
150 158.2 0.0 346.0



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: 51.694 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW011465.D

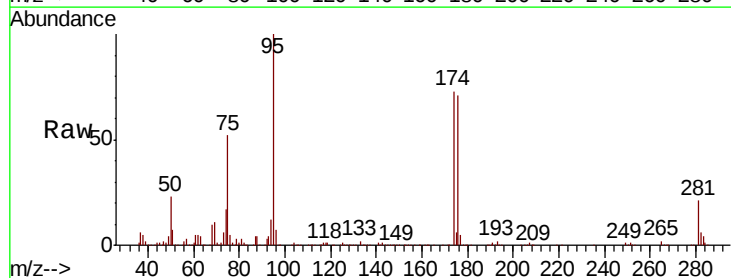
Acq: 24 Jul 2019 10:47

Tgt Ion: 75 Resp: 89238

Ion Ratio Lower Upper

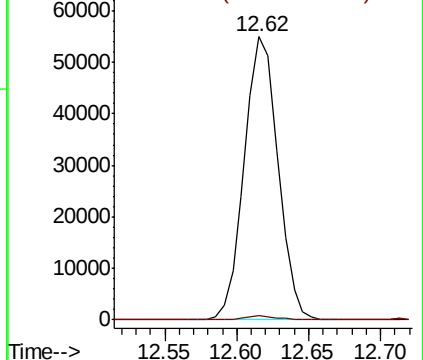
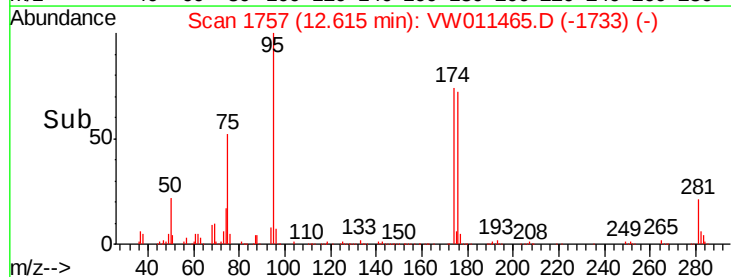
75 100

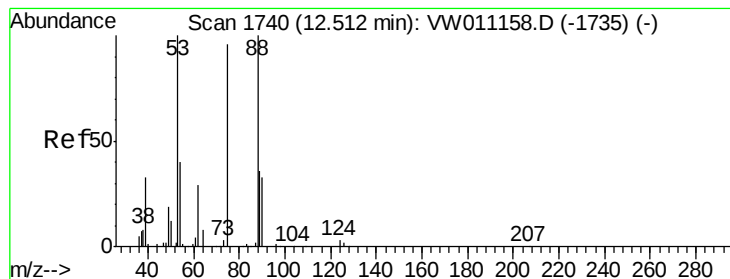
77 1.5 0.0 0.0#



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: 116.923 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011465.D

Acq: 24 Jul 2019 10:47

Instrument :

MSVOA_W

ClientSampleId :

VW0725SBL01

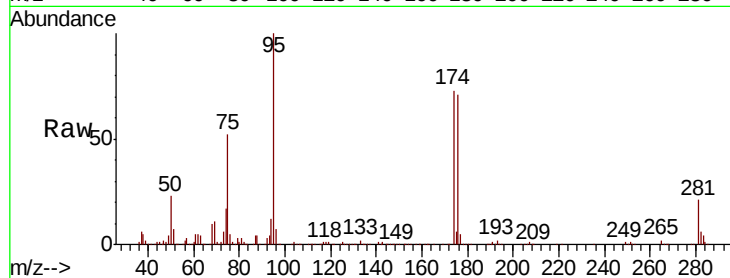
Tgt Ion: 75 Resp: 89238

Ion Ratio Lower Upper

75 100

53 0.0 89.8 134.6#

89 0.4 34.3 51.5#



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

