

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071819\
 Data File : VW011353.D
 Acq On : 19 Jul 2019 01:10
 Operator : SY/VA
 Sample : K3835-01
 Misc : 4.79G/5ML/MSVOA W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 19 06:49:25 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	150752	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	228094	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	140716	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	37184	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	104161	54.99	ug/l	0.00
Spiked Amount			Recovery	=	109.98%	
35) Dibromofluoromethane	7.88	113	77988	57.36	ug/l	0.00
Spiked Amount			Recovery	=	114.72%	
50) Toluene-d8	10.32	98	211353	38.46	ug/l	0.00
Spiked Amount			Recovery	=	76.92%	
62) 4-Bromofluorobenzene	12.62	95	44812	22.25	ug/l	0.00
Spiked Amount			Recovery	=	44.50%	

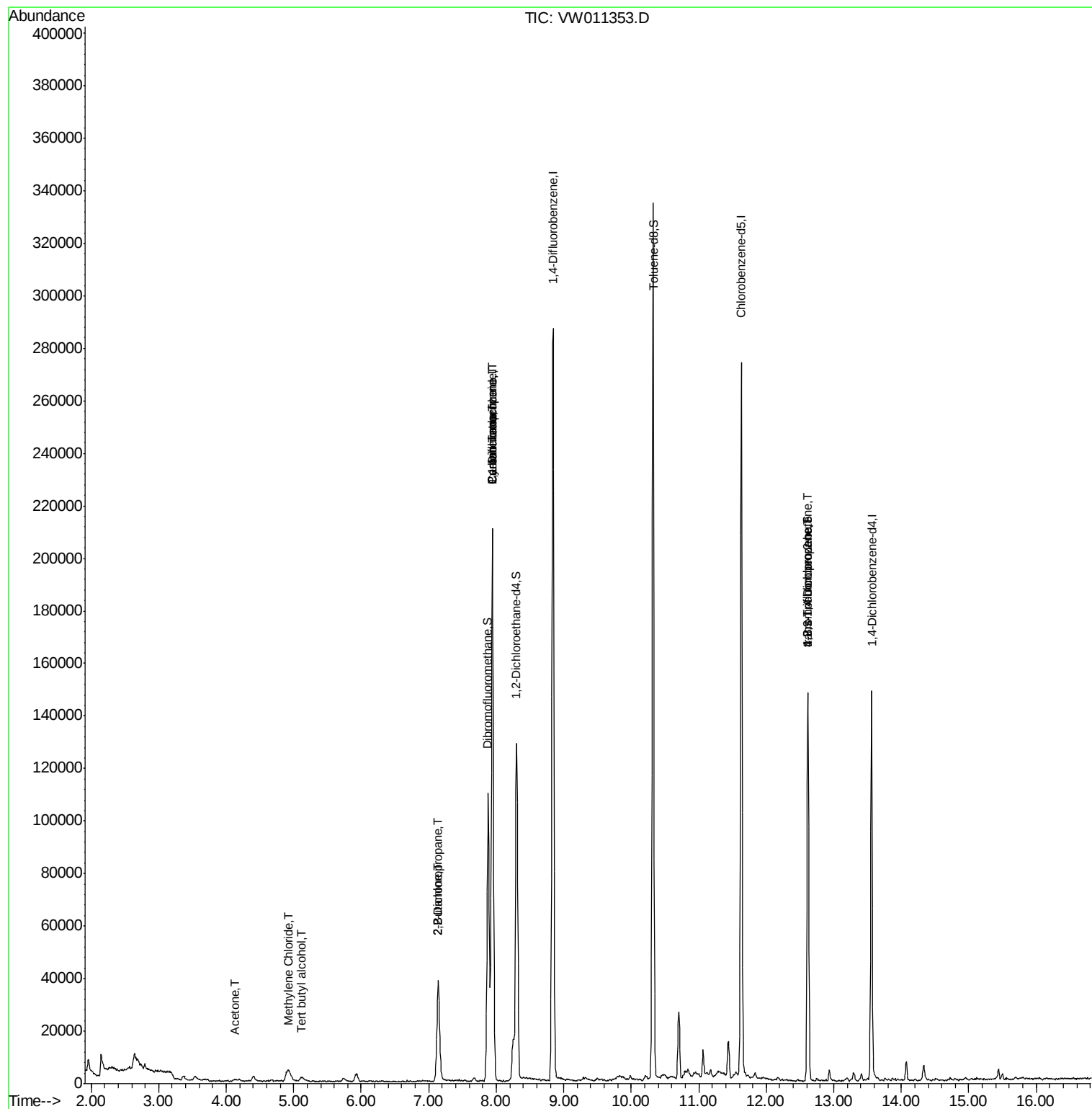
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.11	59	792	5.647	ug/l #	70
16) Acetone	4.13	43	1710	3.752	ug/l #	89
18) Methyl Acetate	4.68	43	1499	Below Cal	#	85
20) Methylene Chloride	4.93	84	3182	1.770	ug/l #	83
25) 2-Butanone	7.13	43	2488	3.478	ug/l #	84
26) 2,2-Dichloropropane	7.14	77	2532	1.412	ug/l #	53
31) Cyclohexane	7.95	56	4174	1.138	ug/l #	12
36) 1,1-Dichloropropene	7.95	75	13052	5.373	ug/l #	51
38) Carbon Tetrachloride	7.95	117	15229	7.396	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	23996	55.842	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	23996	126.305	ug/l #	5

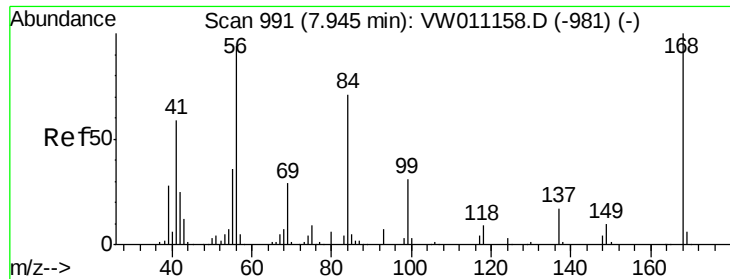
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW011353.D

Acq: 19 Jul 2019 01:10

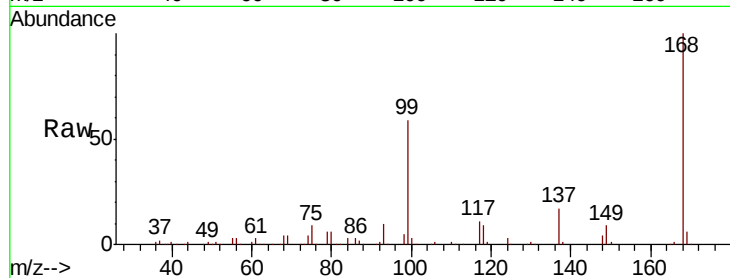
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 150752

Ion Ratio Lower Upper

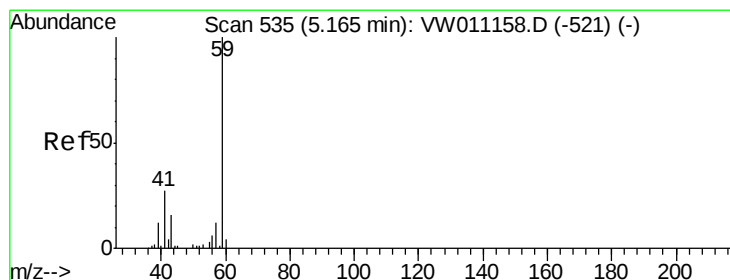
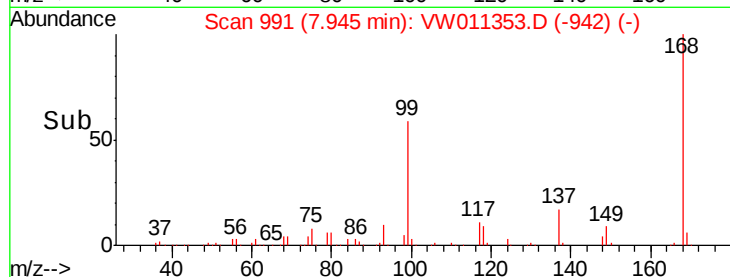
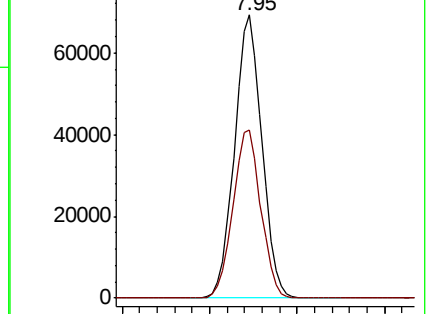
168 100

99 59.2 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 5.647 ug/l

RT: 5.11 min Scan# 526

Delta R.T. -0.05 min

Lab File: VW011353.D

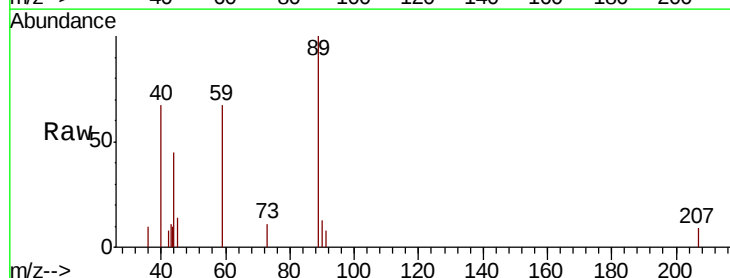
Acq: 19 Jul 2019 01:10

Tgt Ion: 59 Resp: 792

Ion Ratio Lower Upper

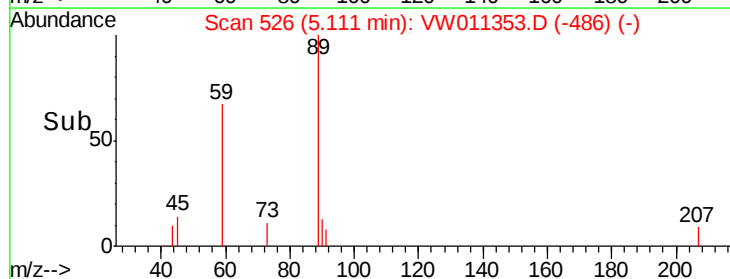
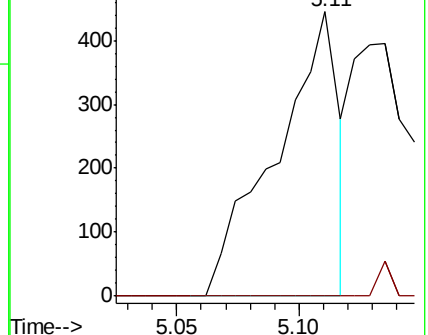
59 100

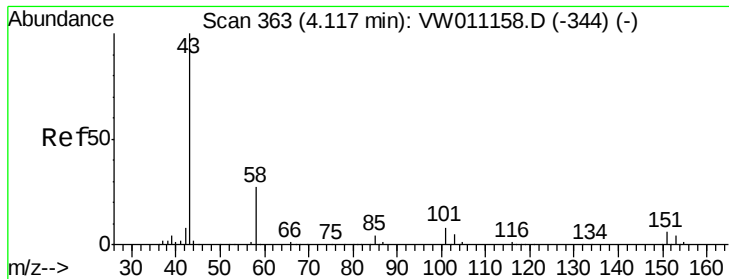
57 0.0 9.0 13.6#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 3.752 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW011353.D

Acq: 19 Jul 2019 01:10

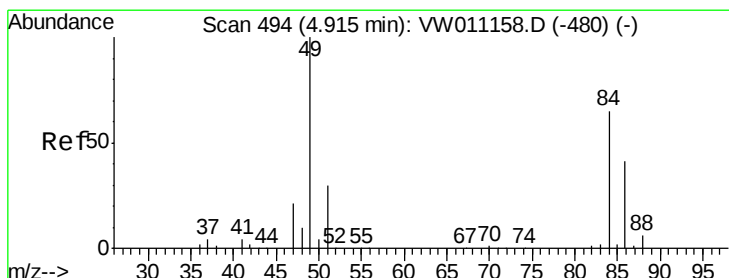
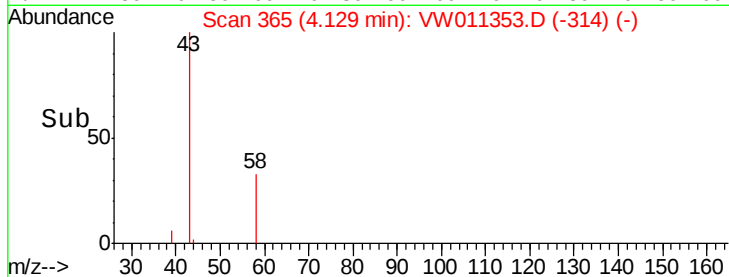
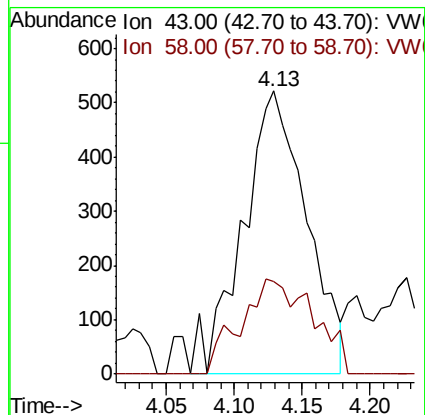
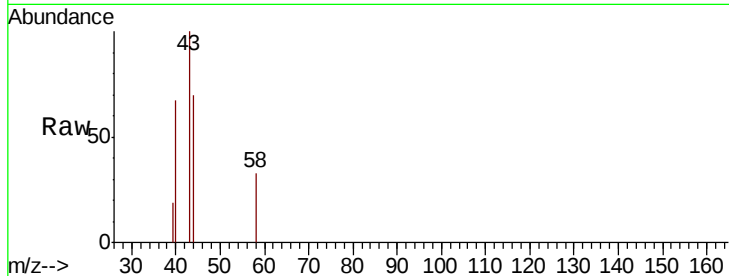
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 1710

Ion Ratio Lower Upper

43 100

58 32.8 21.8 32.6#



#20

Methylene Chloride

Concen: 1.770 ug/l

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW011353.D

Acq: 19 Jul 2019 01:10

Tgt Ion: 84 Resp: 3182

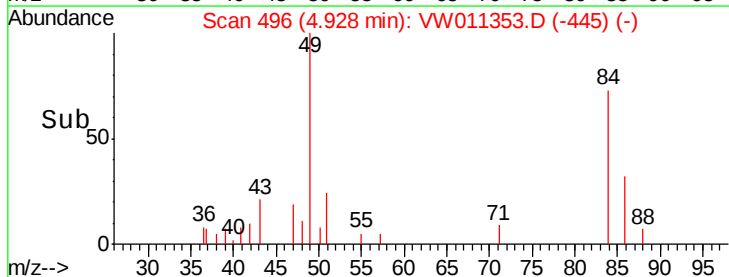
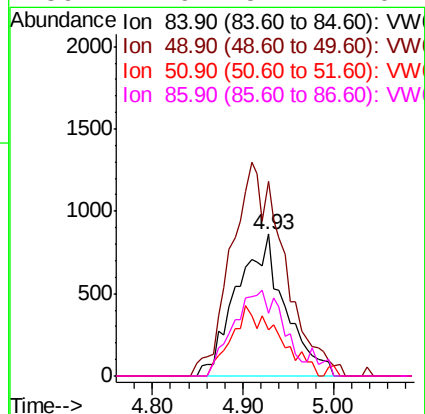
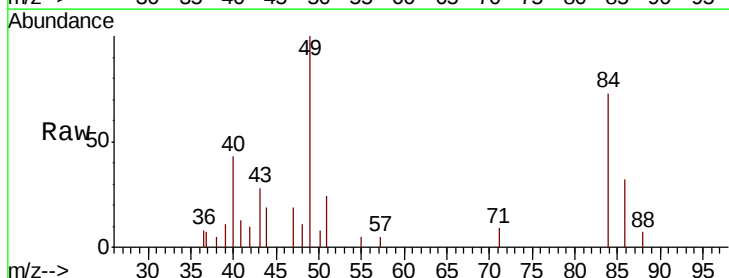
Ion Ratio Lower Upper

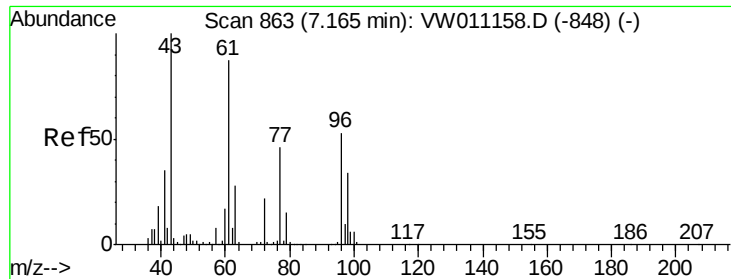
84 100

49 137.8 123.8 185.6

51 32.5 37.4 56.2#

86 44.6 51.1 76.7#





#25

2-Butanone

Concen: 3.478 ug/l

RT: 7.13 min Scan# 858

Delta R.T. -0.03 min

Lab File: VW011353.D

Acq: 19 Jul 2019 01:10

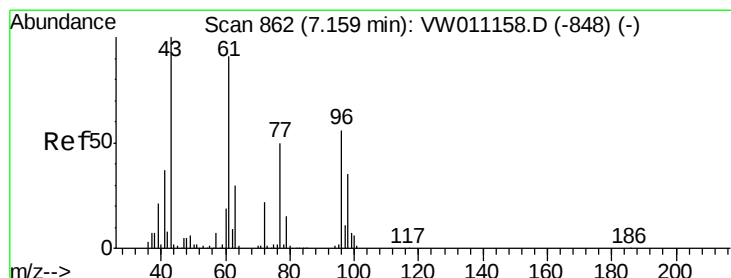
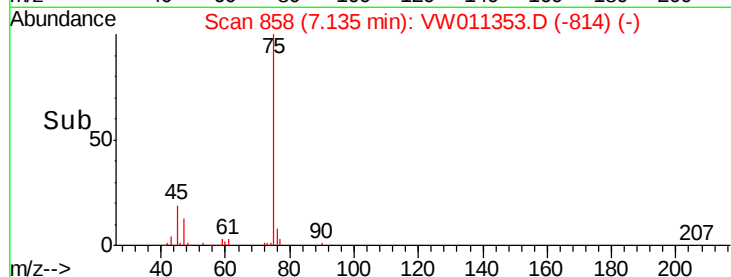
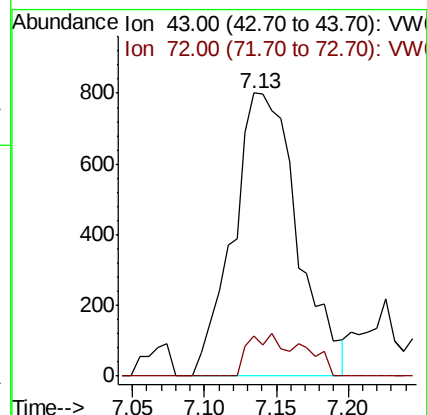
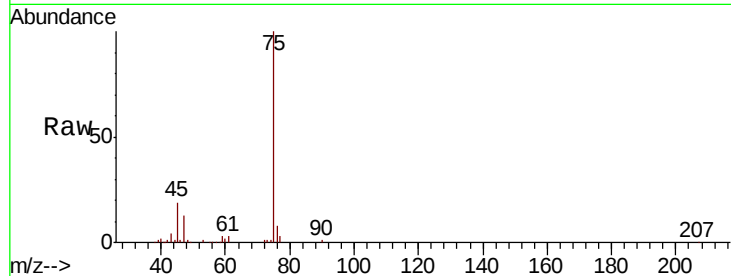
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 2488

Ion Ratio Lower Upper

43 100

72 14.4 17.6 26.4#



#26

2,2-Dichloropropane

Concen: 1.412 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: VW011353.D

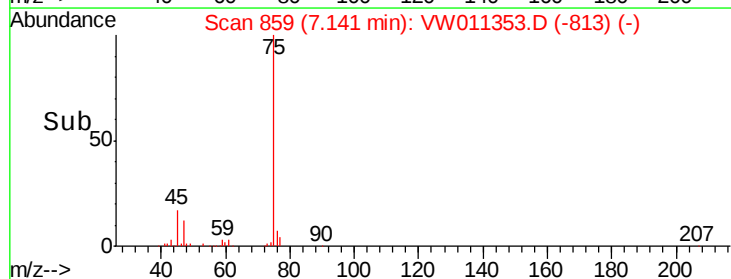
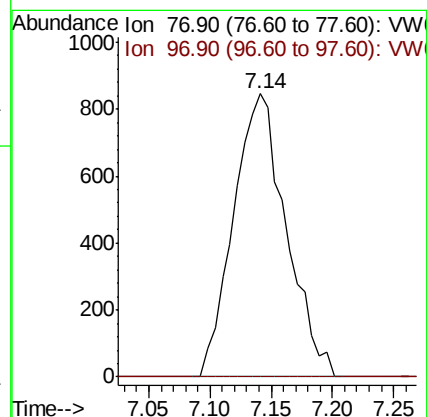
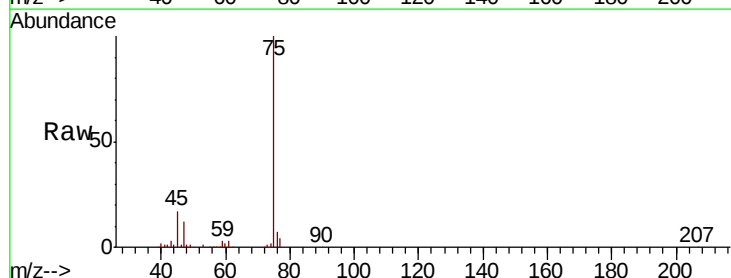
Acq: 19 Jul 2019 01:10

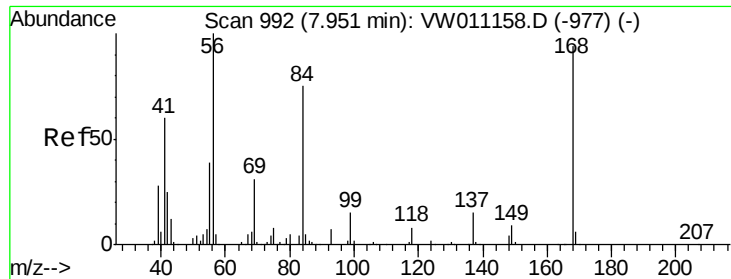
Tgt Ion: 77 Resp: 2532

Ion Ratio Lower Upper

77 100

97 0.0 11.2 33.5#

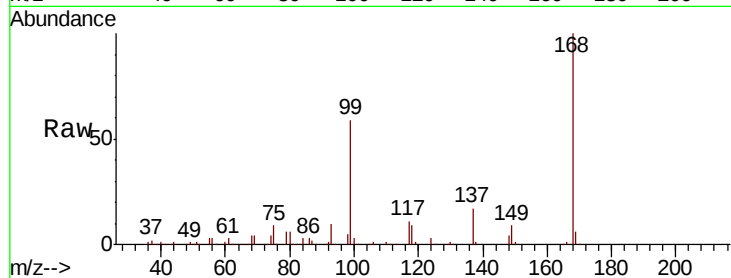




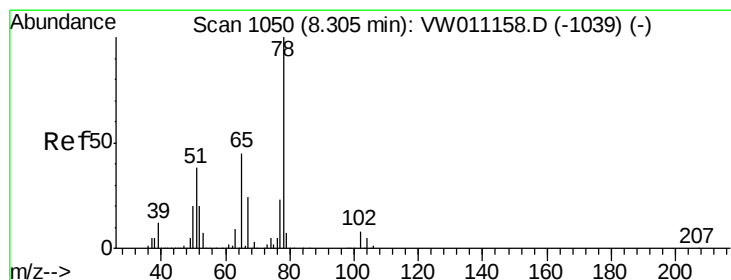
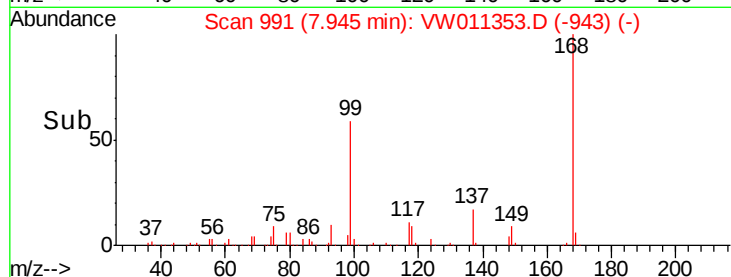
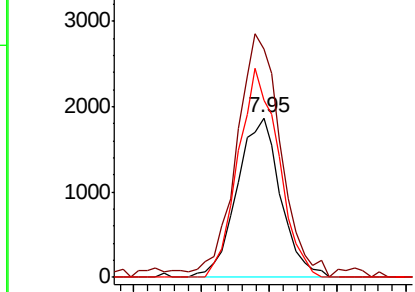
#31
Cyclohexane
Concen: 1.138 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW011353.D
Acq: 19 Jul 2019 01:10

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 4174
Ion Ratio Lower Upper
56 100
69 139.9 24.6 36.8#
84 111.4 60.1 90.1#

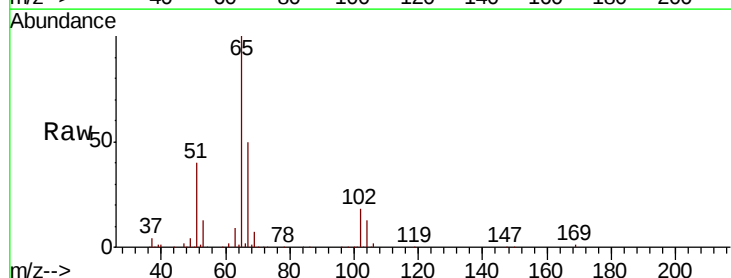


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

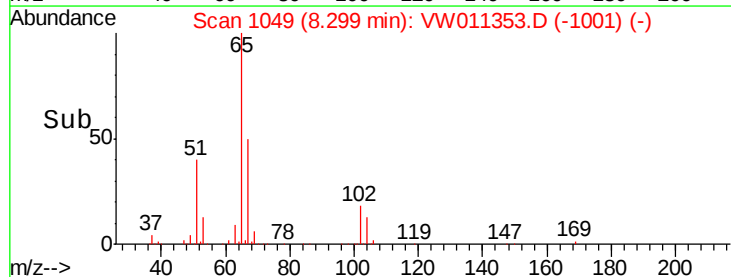
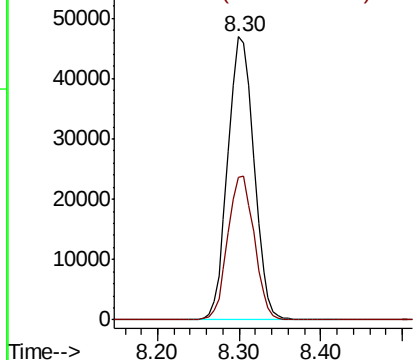


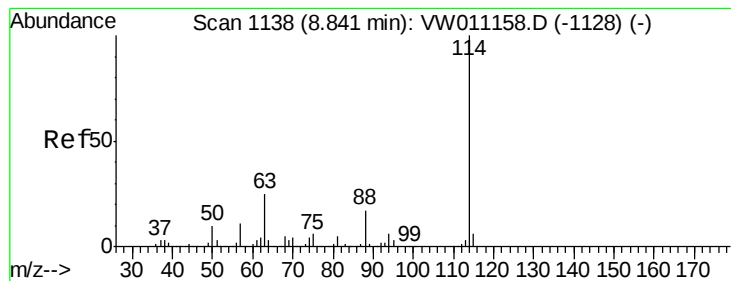
#33
1,2-Dichloroethane-d4
Concen: 54.988 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW011353.D
Acq: 19 Jul 2019 01:10

Tgt Ion: 65 Resp: 104161
Ion Ratio Lower Upper
65 100
67 51.4 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: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW011353.D

Acq: 19 Jul 2019 01:10

Instrument :

MSVOA_W

ClientSampleId :

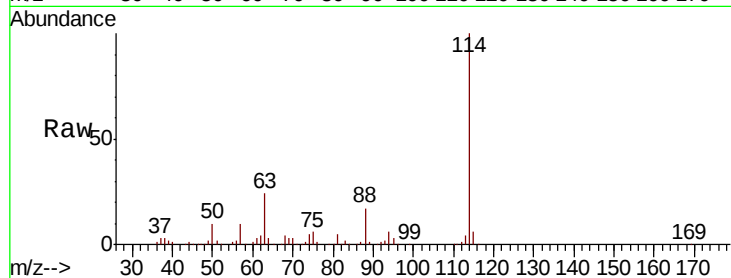
Tot Ion:114 Resp: 228094

Ion Ratio Lower Upper

114 100

63 24.2 0.0 50.8

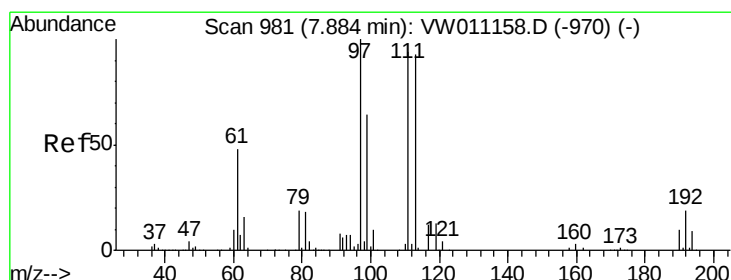
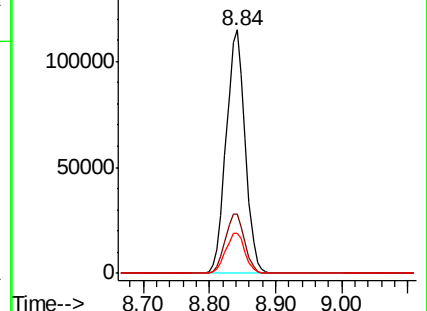
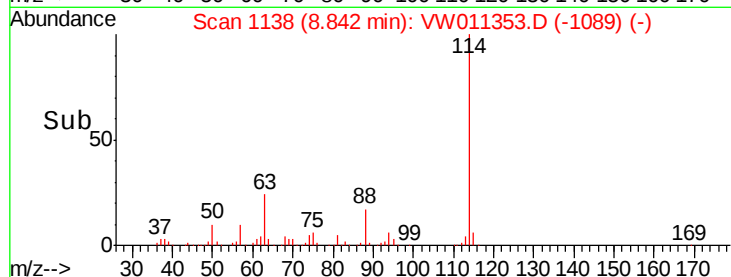
88 16.6 0.0 34.2



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35

Dibromofluoromethane

Concen: 57.363 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW011353.D

Acq: 19 Jul 2019 01:10

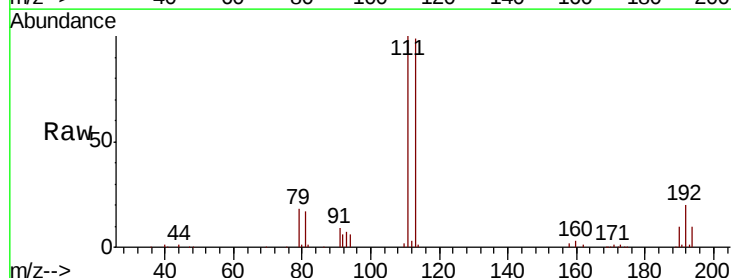
Tgt Ion:113 Resp: 77988

Ion Ratio Lower Upper

113 100

111 102.9 82.4 123.6

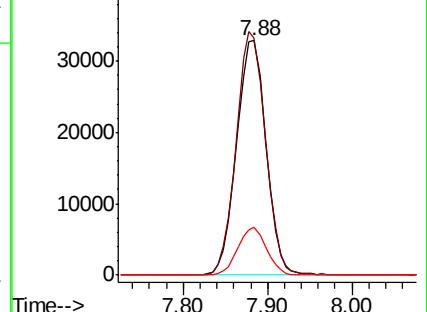
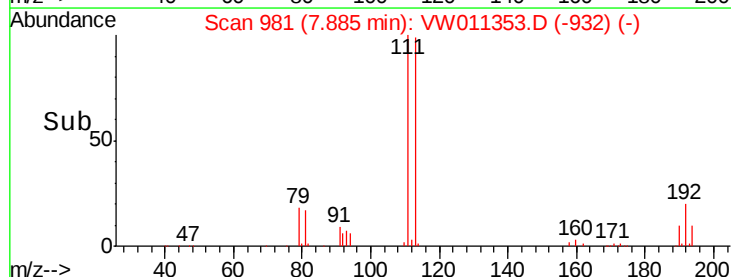
192 19.6 15.8 23.8

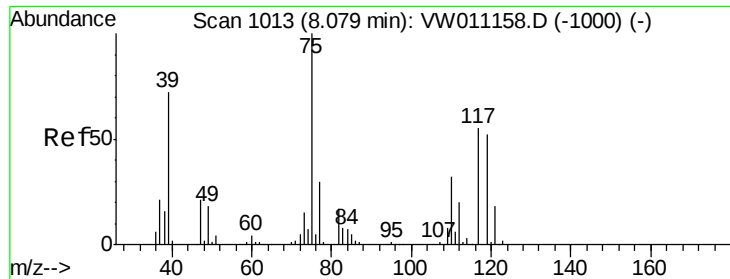


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.373 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.13 min

Lab File: VW011353.D

Acq: 19 Jul 2019 01:10

Instrument :

MSVOA_W

ClientSampleId :

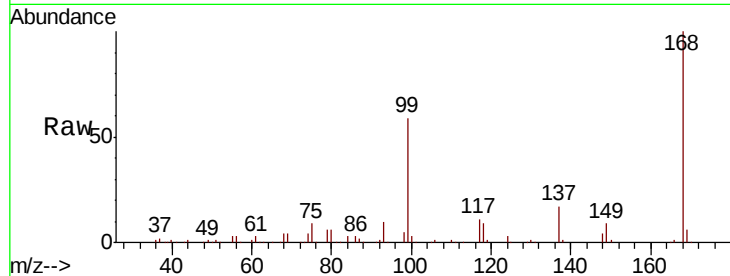
Tot Ion: 75 Resp: 13052

Ion Ratio Lower Upper

75 100

110 8.7 15.9 47.6#

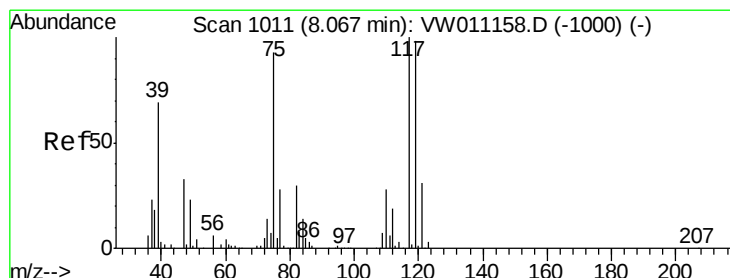
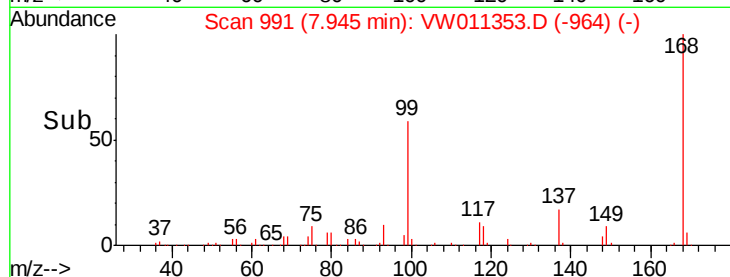
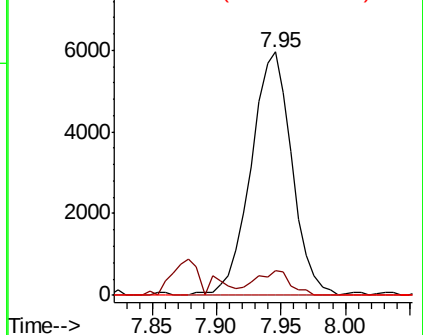
77 0.0 24.6 36.8#



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: 7.396 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW011353.D

Acq: 19 Jul 2019 01:10

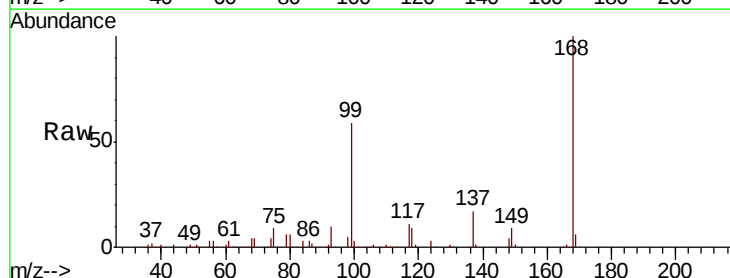
Tgt Ion: 117 Resp: 15229

Ion Ratio Lower Upper

117 100

119 6.4 78.1 117.1#

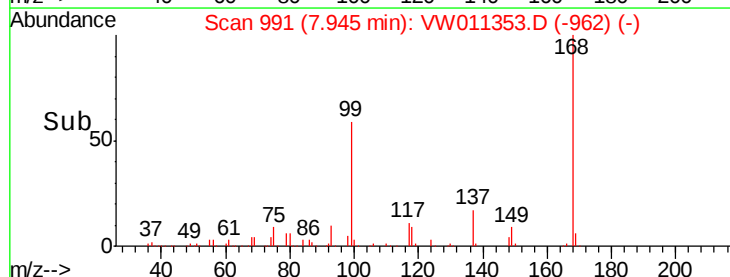
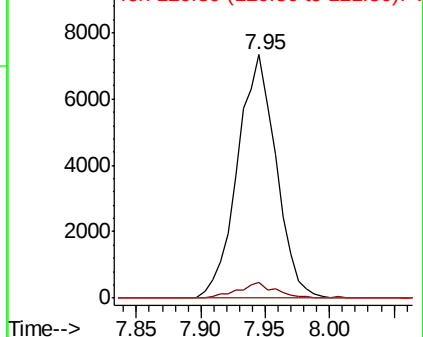
121 0.0 25.1 37.7#

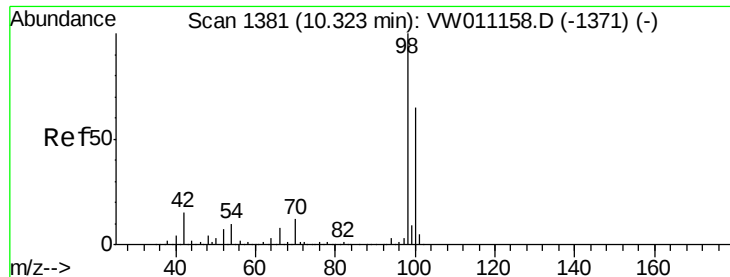


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V





#50

Toluene-d8

Concen: 38.459 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011353.D

Acq: 19 Jul 2019 01:10

Instrument :

MSVOA_W

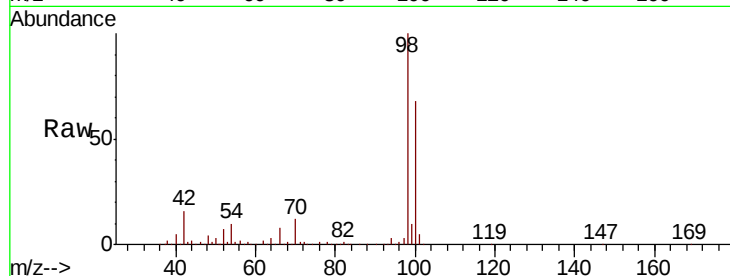
ClientSampleId :

Tot Ion: 98 Resp: 211353

Ion Ratio Lower Upper

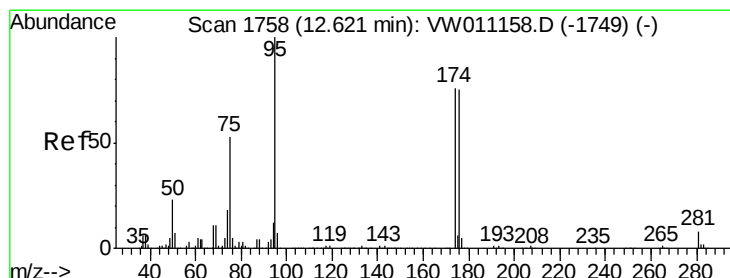
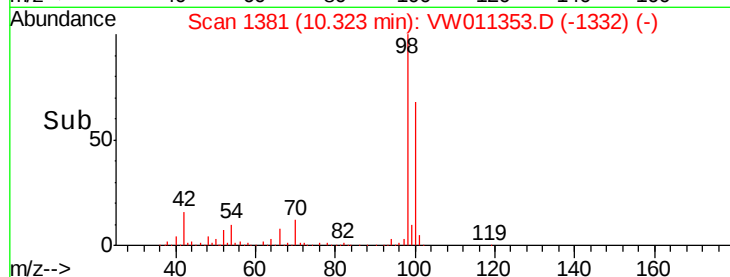
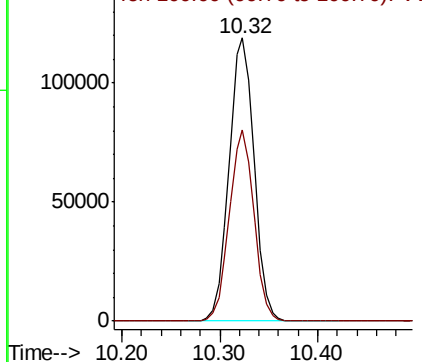
98 100

100 66.3 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 22.247 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW011353.D

Acq: 19 Jul 2019 01:10

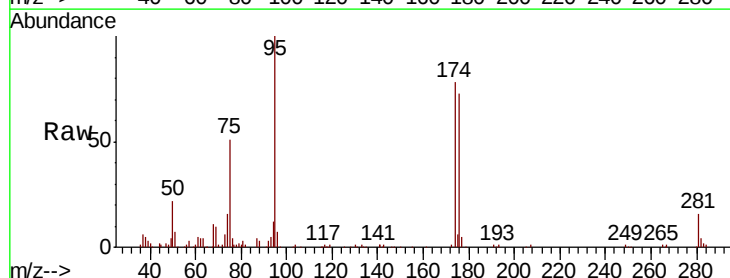
Tgt Ion: 95 Resp: 44812

Ion Ratio Lower Upper

95 100

174 74.2 0.0 147.6

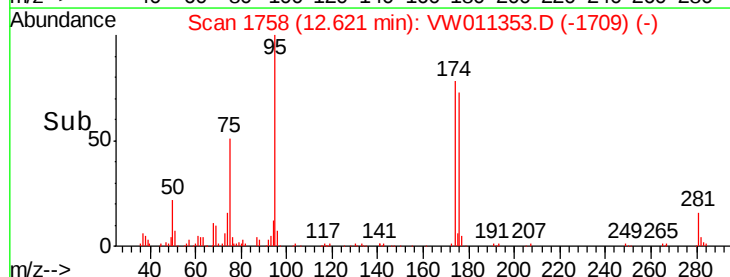
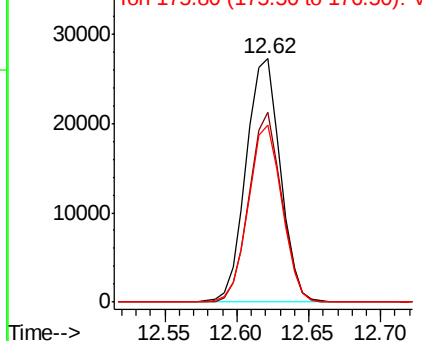
176 71.3 0.0 144.6

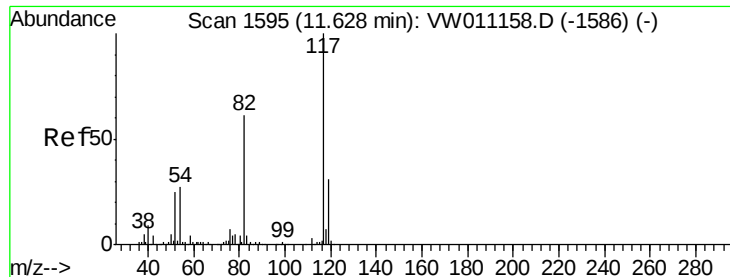


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. 0.00 min

Lab File: VW011353.D

Acq: 19 Jul 2019 01:10

Instrument :

MSVOA_W

ClientSampled :

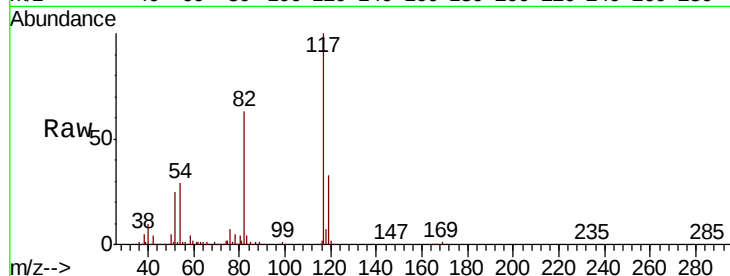
Tot Ion:117 Resp: 140716

Ion Ratio Lower Upper

117 100

82 62.8 48.9 73.3

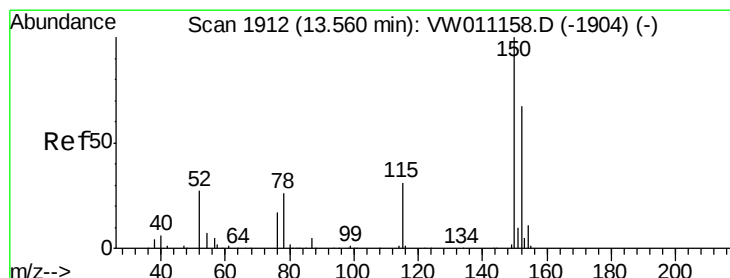
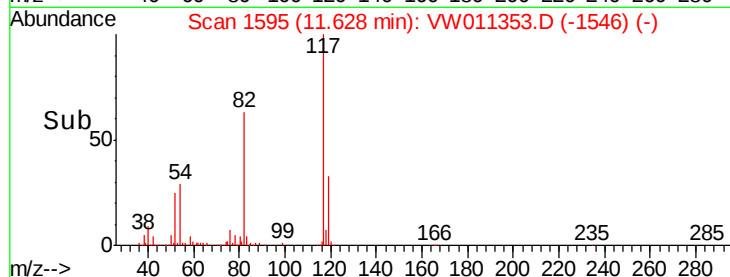
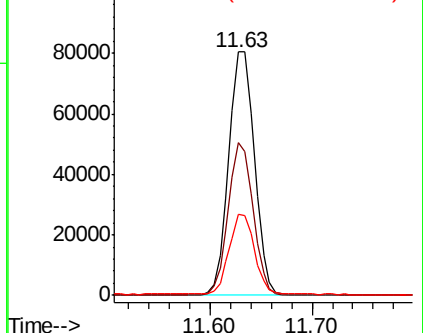
119 32.9 25.0 37.6



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW011353.D

Acq: 19 Jul 2019 01:10

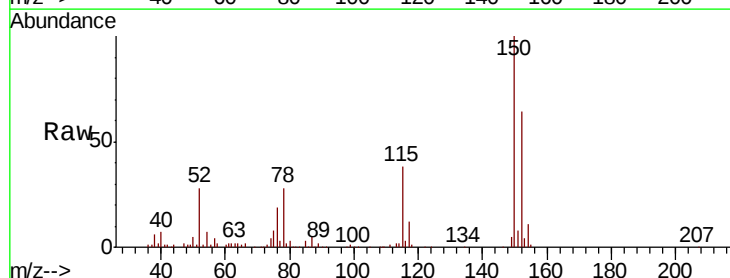
Tgt Ion:152 Resp: 37184

Ion Ratio Lower Upper

152 100

115 58.5 30.1 90.3

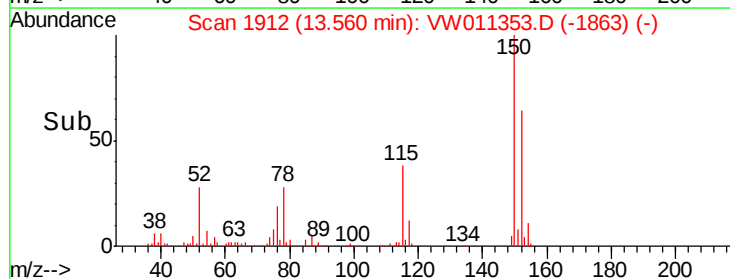
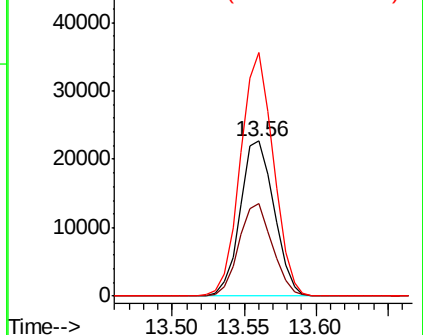
150 152.3 0.0 346.0

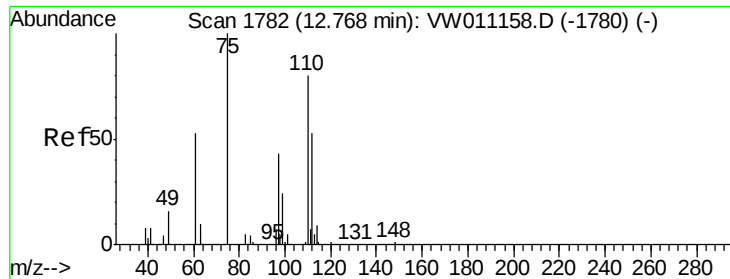


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



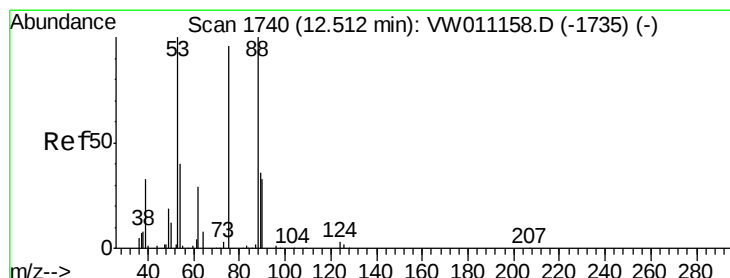
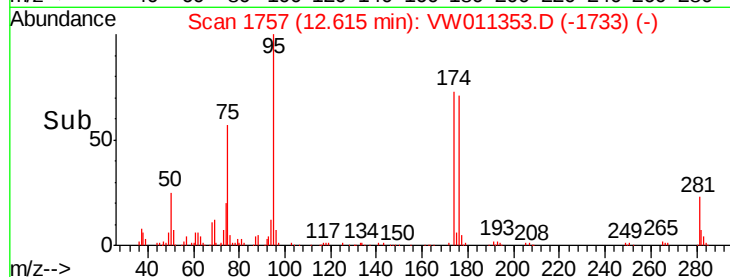
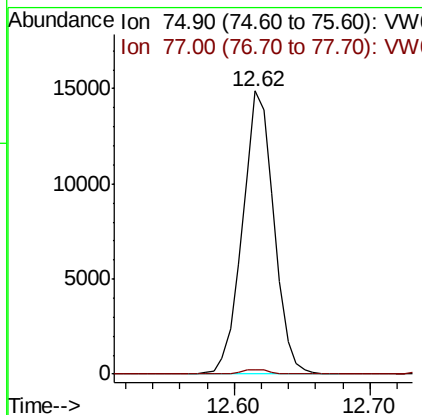
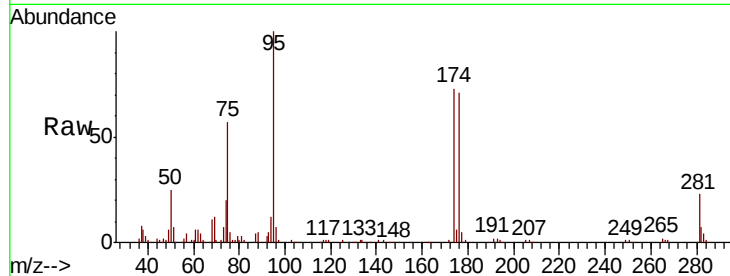


#76

1,2,3-Trichloropropane
Concen: 55.842 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW011353.D
Acq: 19 Jul 2019 01:10

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 75 Resp: 23996
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene
Concen: 126.305 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW011353.D
Acq: 19 Jul 2019 01:10

Tgt Ion: 75 Resp: 23996
Ion Ratio Lower Upper
75 100
53 0.0 89.8 134.6#
89 0.0 34.3 51.5#

