

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071819\
 Data File : VW011339.D
 Acq On : 18 Jul 2019 17:35
 Operator : SY/VA
 Sample : K3813-03
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 19 06:45:45 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

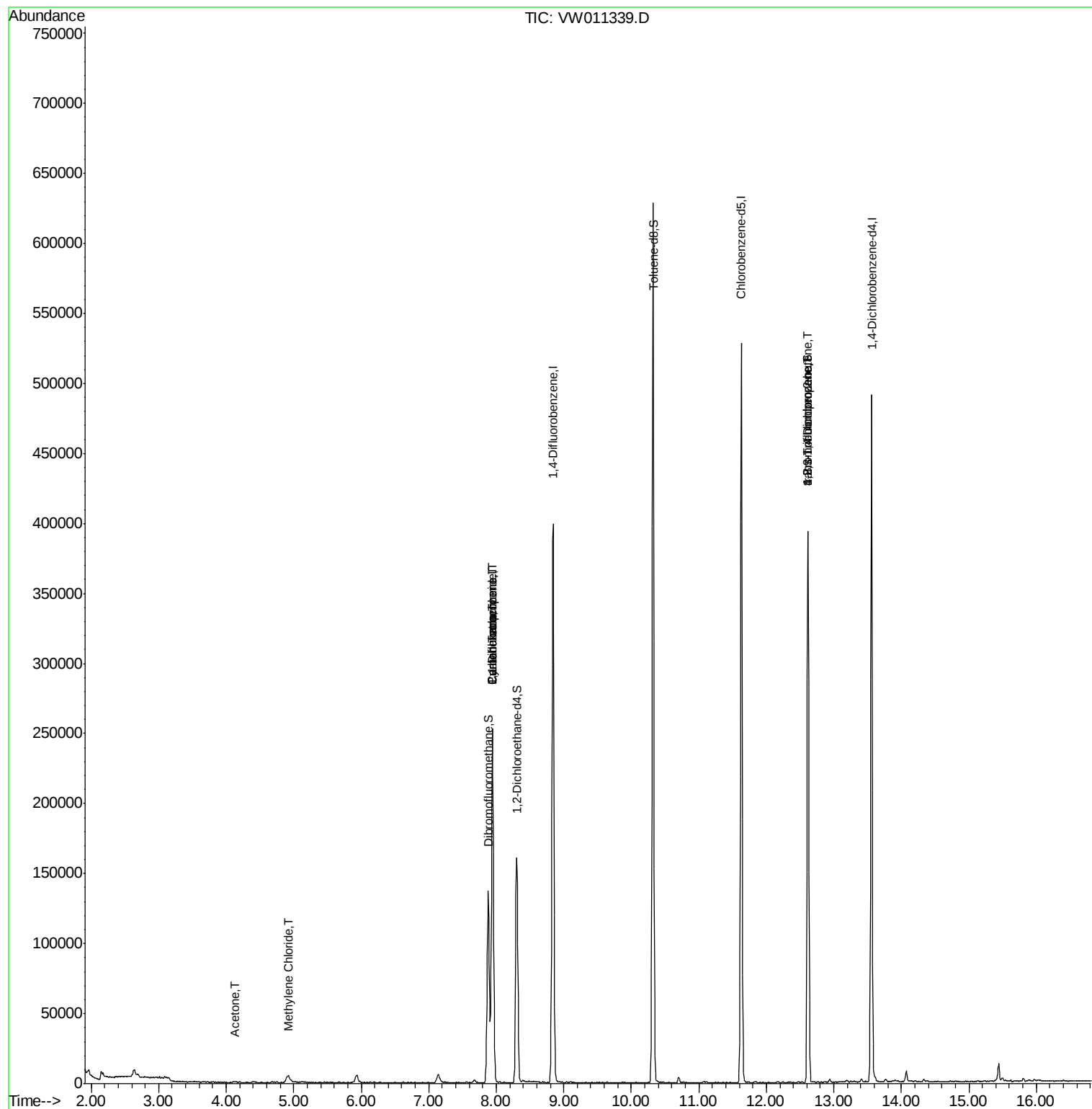
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	181512	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	314852	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	269729	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	118815	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	130308	57.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.26%	
35) Dibromofluoromethane	7.88	113	98916	52.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.42%	
50) Toluene-d8	10.32	98	391713	51.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.28%	
62) 4-Bromofluorobenzene	12.62	95	130561	46.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.92%	
Target Compounds						
					Qvalue	
16) Acetone	4.14	43	1402	2.555	ug/l	92
18) Methyl Acetate	4.68	43	338	Below Cal	#	69
20) Methylene Chloride	4.92	84	3890	1.797	ug/l	85
31) Cyclohexane	7.95	56	4707	1.065	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	16054	4.788	ug/l #	51
38) Carbon Tetrachloride	7.94	117	18943	6.665	ug/l #	16
76) 1,2,3-Trichloropropane	12.62	75	70678	51.475	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	70678	116.426	ug/l #	5

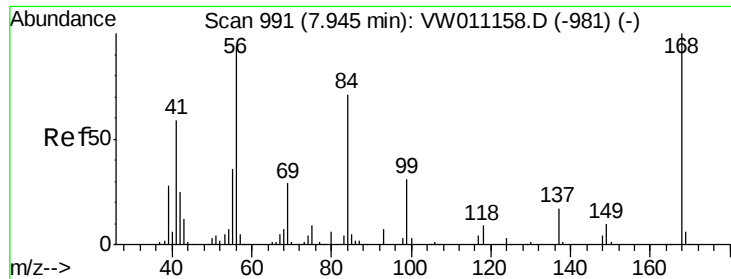
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jul 11 08:14:17 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: VW011339.D

Acq: 18 Jul 2019 17:35

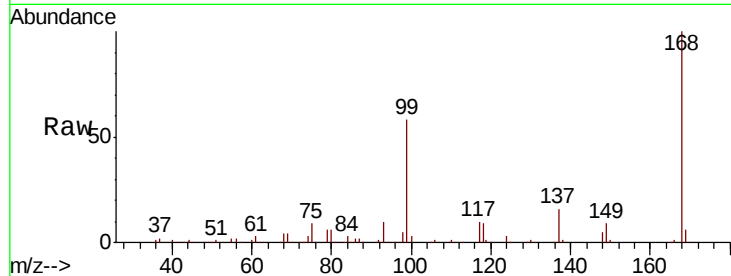
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 181512

Ion Ratio Lower Upper

168 100

99 58.4 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

80000

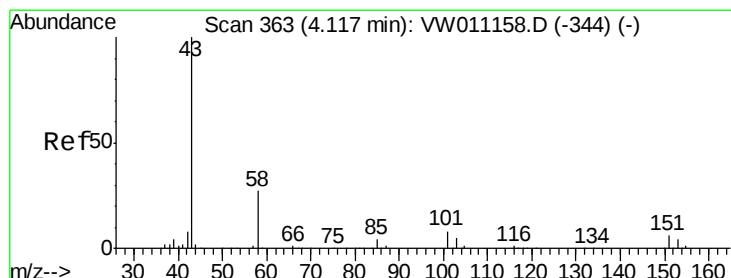
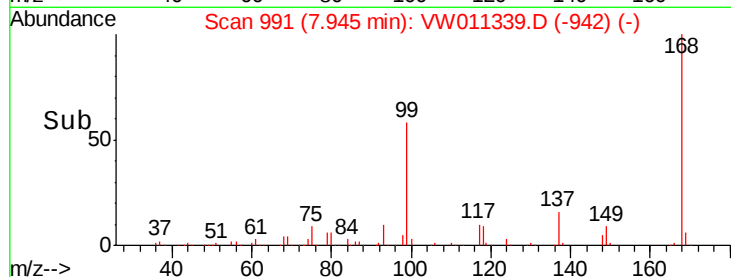
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 2.555 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW011339.D

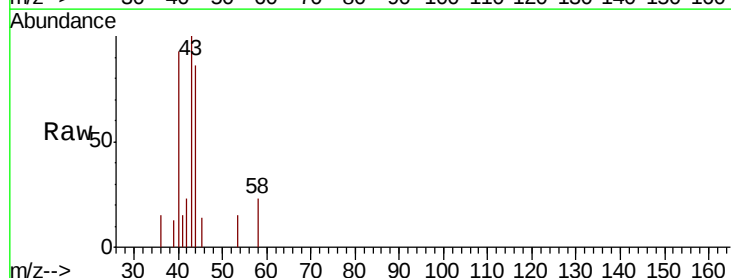
Acq: 18 Jul 2019 17:35

Tgt Ion: 43 Resp: 1402

Ion Ratio Lower Upper

43 100

58 23.0 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

400

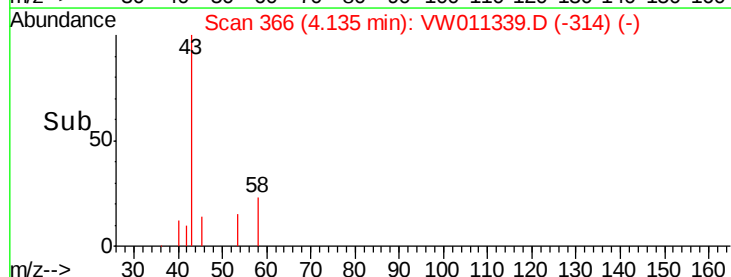
300

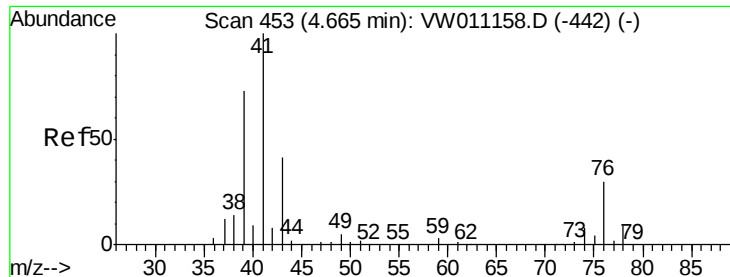
200

100

0

Time--> 4.05 4.10 4.15 4.20





#18

Methyl Acetate

Concen: Below Cal

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW011339.D

Acq: 18 Jul 2019 17:35

Instrument :

MSVOA_W

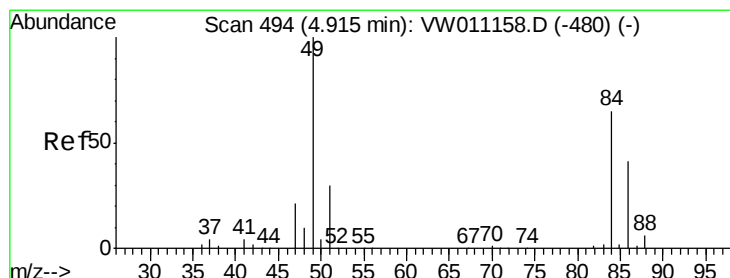
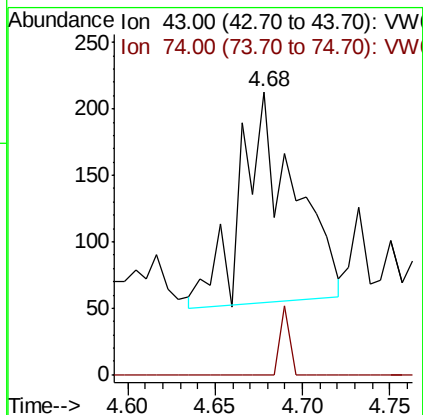
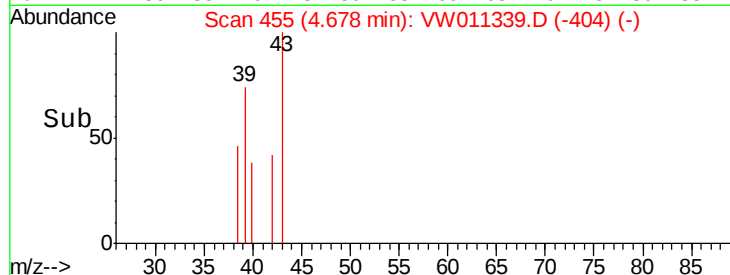
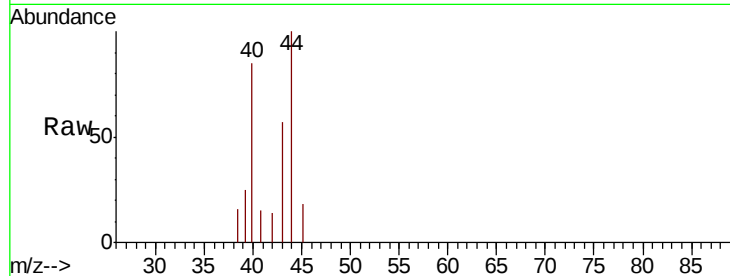
ClientSampled :

Tot Ion: 43 Resp: 338

Ion Ratio Lower Upper

43 100

74 5.6 15.7 23.5#



#20

Methylene Chloride

Concen: 1.797 ug/l

RT: 4.92 min Scan# 495

Delta R.T. 0.01 min

Lab File: VW011339.D

Acq: 18 Jul 2019 17:35

Tgt Ion: 84 Resp: 3890

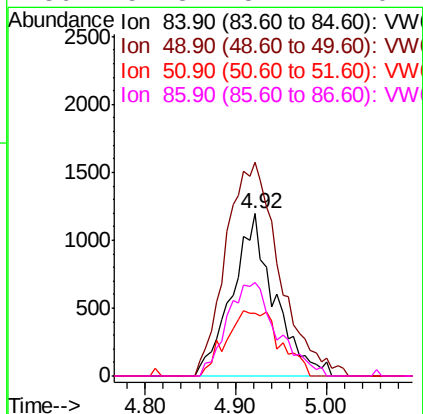
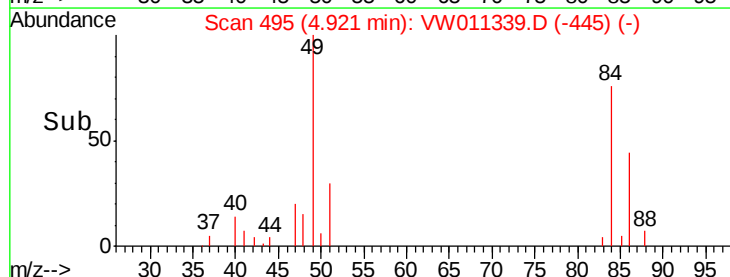
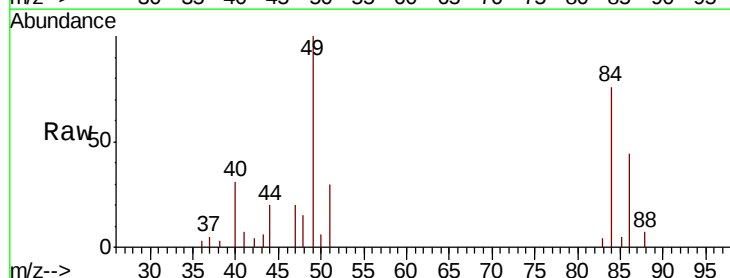
Ion Ratio Lower Upper

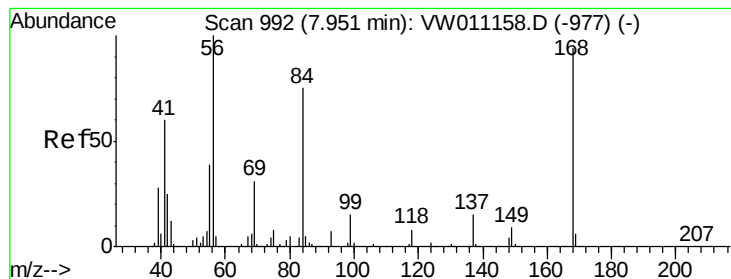
84 100

49 131.4 123.8 185.6

51 38.9 37.4 56.2

86 57.3 51.1 76.7





#31

Cyclohexane

Concen: 1.065 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW011339.D

Acq: 18 Jul 2019 17:35

Instrument :

MSVOA_W

ClientSampled :

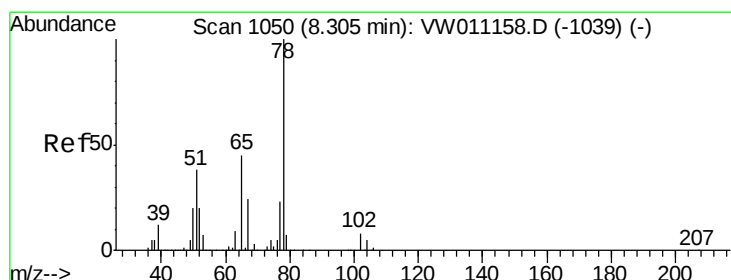
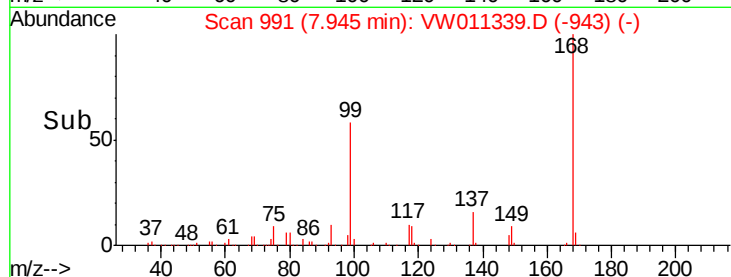
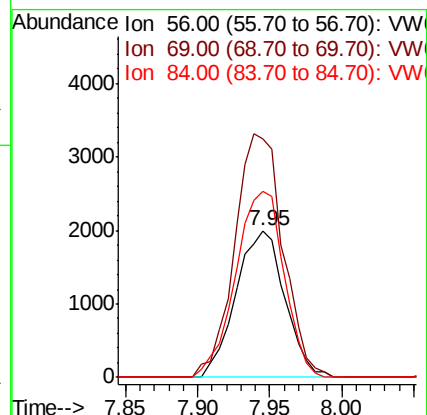
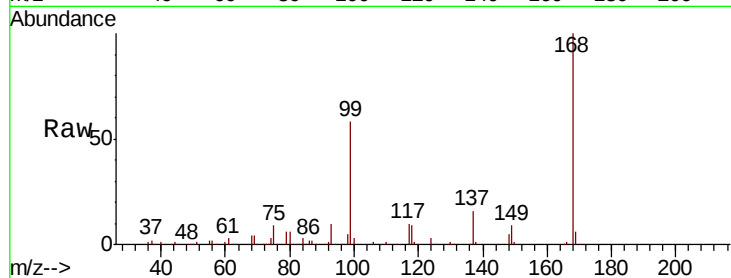
Tot Ion: 56 Resp: 4707

Ion Ratio Lower Upper

56 100

69 162.6 24.6 36.8#

84 127.0 60.1 90.1#



#33

1,2-Dichloroethane-d4

Concen: 57.133 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011339.D

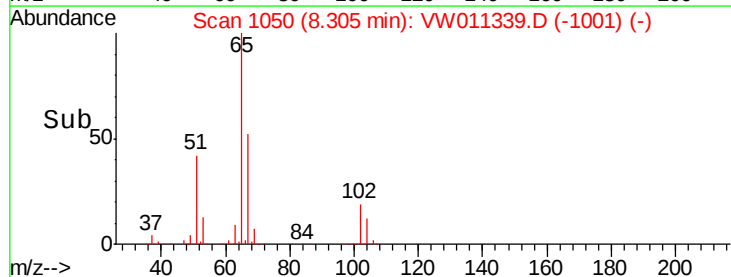
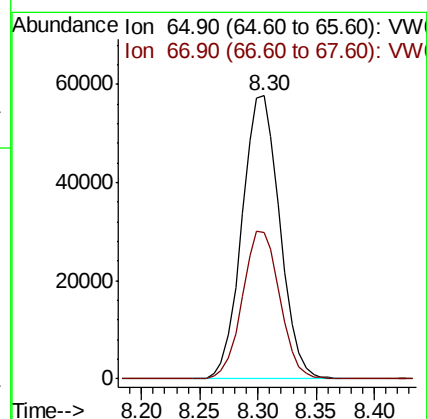
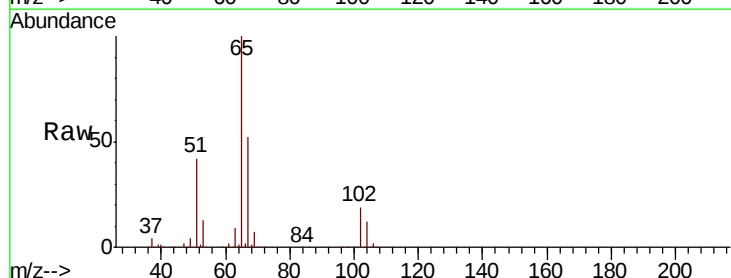
Acq: 18 Jul 2019 17:35

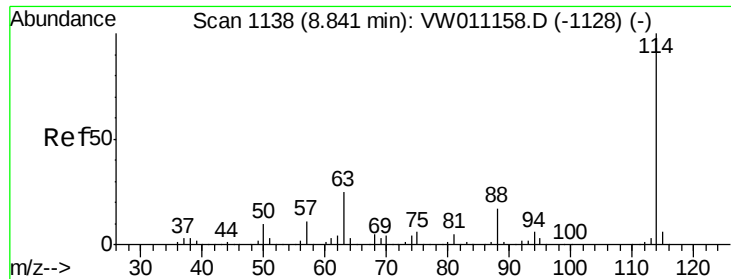
Tgt Ion: 65 Resp: 130308

Ion Ratio Lower Upper

65 100

67 51.7 0.0 104.4

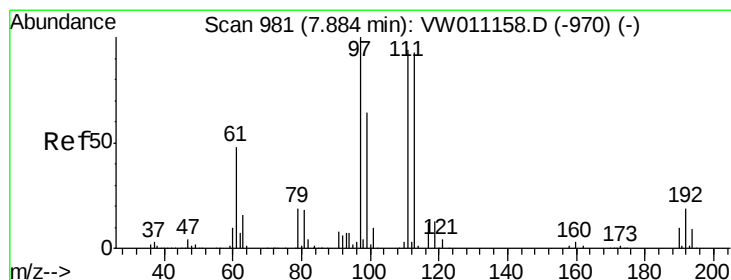
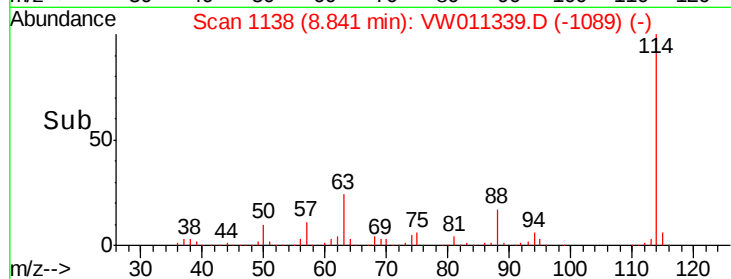
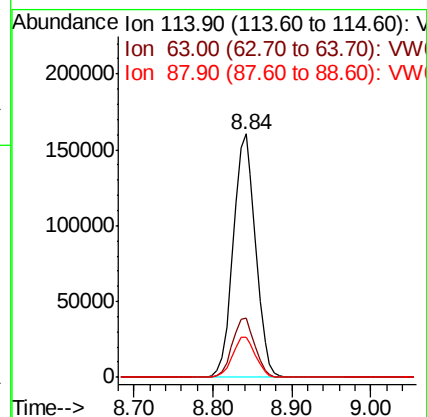
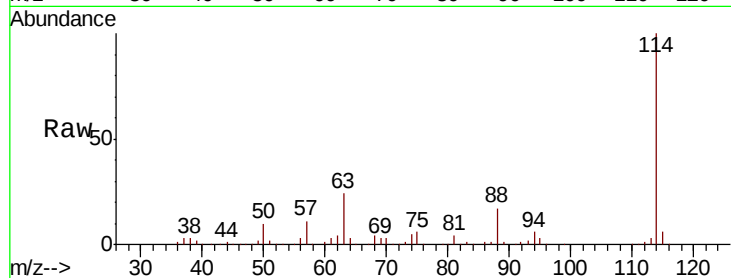




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011339.D
 Acq: 18 Jul 2019 17:35

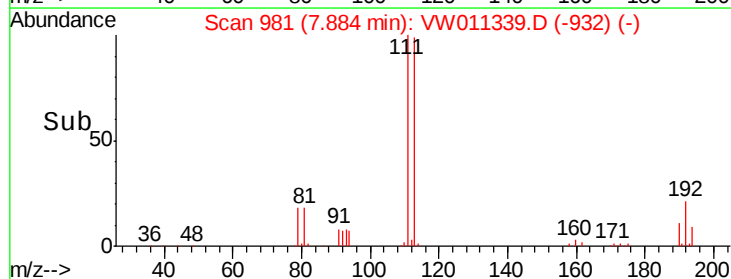
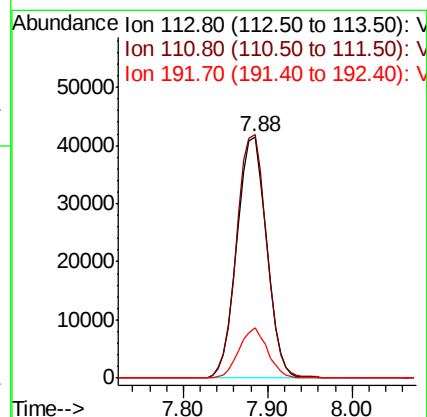
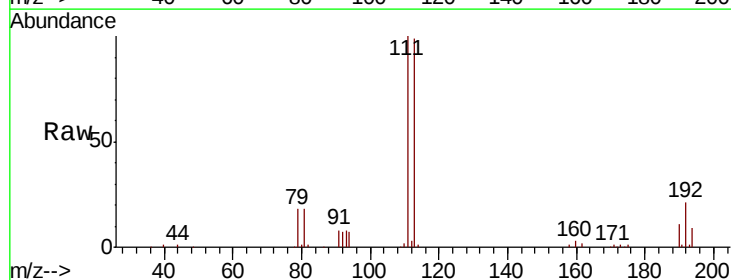
Instrument :
 MSVOA_W
 ClientSampleId :

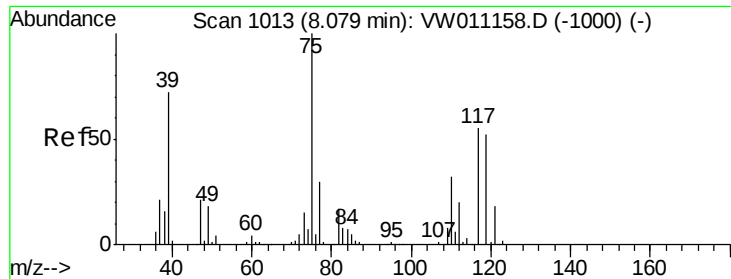
Tot Ion:114 Resp: 314852
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 50.8
 88 16.6 0.0 34.2



#35
 Dibromofluoromethane
 Concen: 52.709 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW011339.D
 Acq: 18 Jul 2019 17:35

Tgt Ion:113 Resp: 98916
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.4 123.6
 192 19.7 15.8 23.8

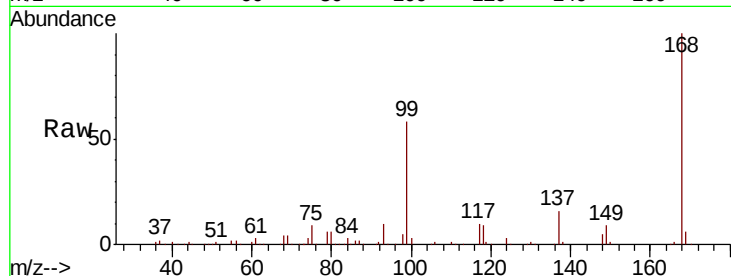




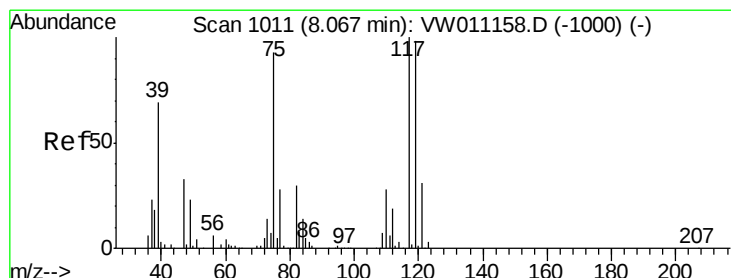
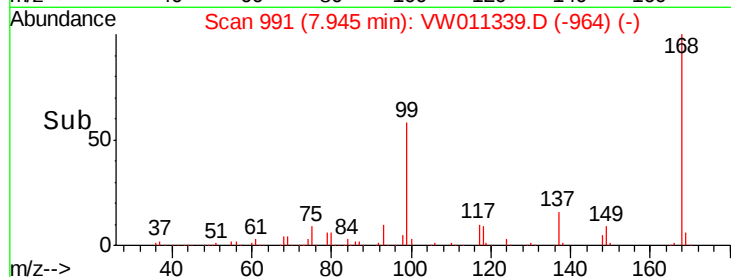
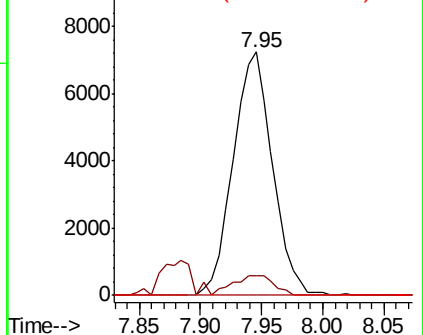
#36
 1,1-Dichloropropene
 Concen: 4.788 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011339.D
 Acq: 18 Jul 2019 17:35

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 16054
 Ion Ratio Lower Upper
 75 100
 110 8.6 15.9 47.6#
 77 0.0 24.6 36.8#

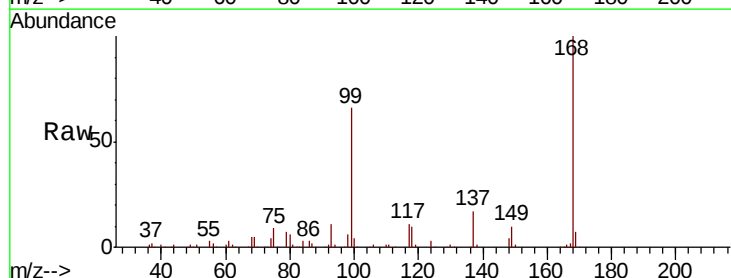


Abundance Ion 74.90 (74.60 to 75.60): VW
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VW

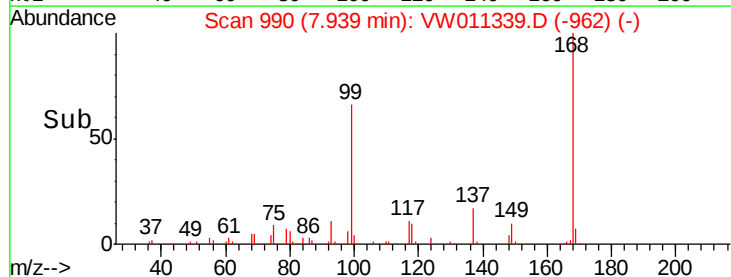
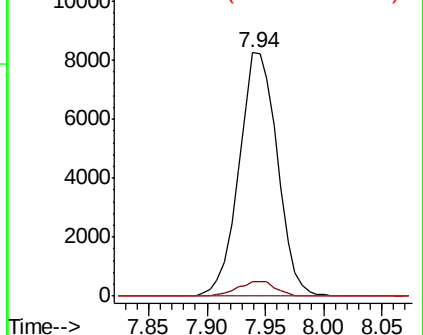


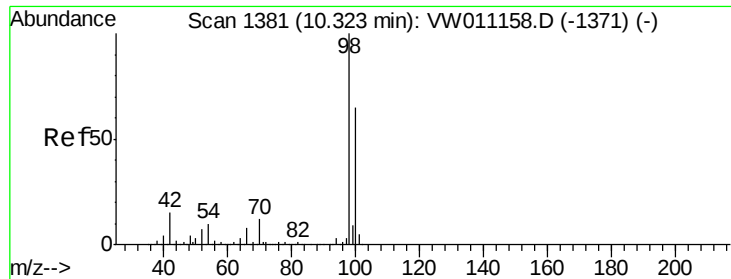
#38
 Carbon Tetrachloride
 Concen: 6.665 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.13 min
 Lab File: VW011339.D
 Acq: 18 Jul 2019 17:35

Tgt Ion: 117 Resp: 18943
 Ion Ratio Lower Upper
 117 100
 119 5.7 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: 51.638 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW011339.D

Acq: 18 Jul 2019 17:35

Instrument :

MSVOA_W

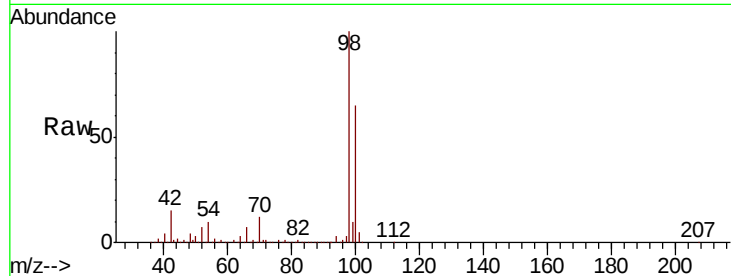
ClientSampled :

Tot Ion: 98 Resp: 391713

Ion Ratio Lower Upper

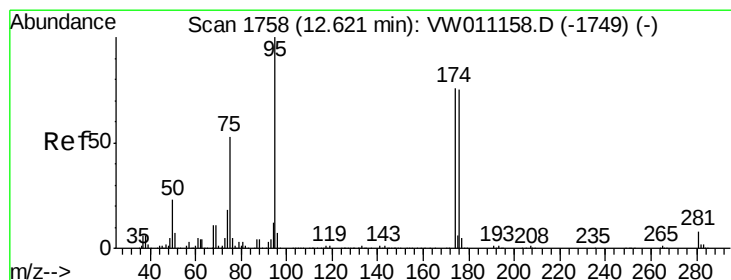
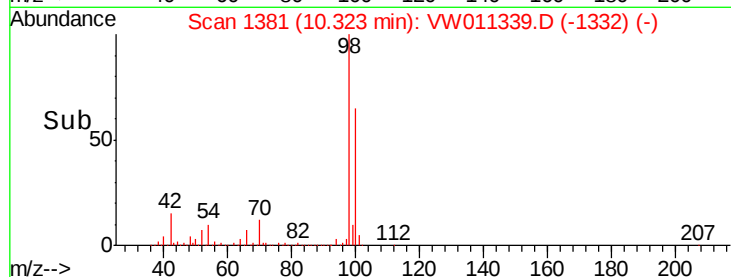
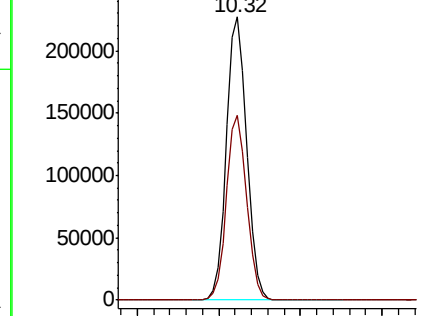
98 100

100 64.9 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: 46.957 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW011339.D

Acq: 18 Jul 2019 17:35

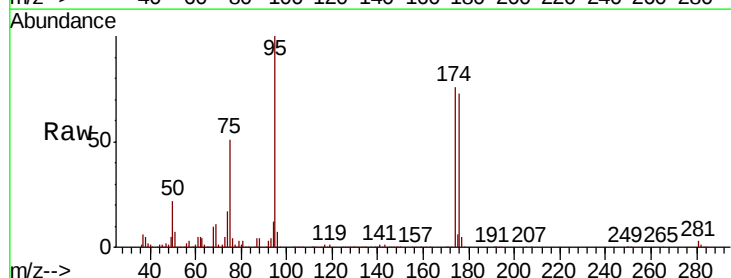
Tgt Ion: 95 Resp: 130561

Ion Ratio Lower Upper

95 100

174 75.9 0.0 147.6

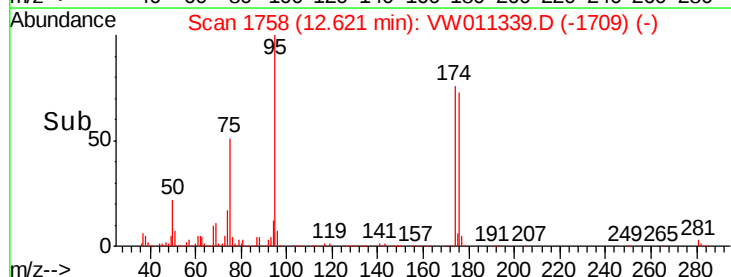
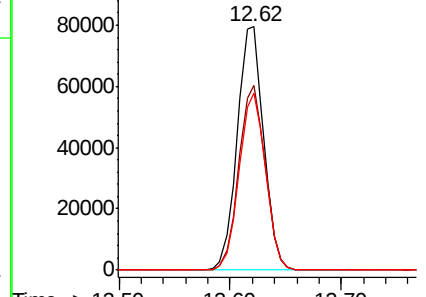
176 72.5 0.0 144.6

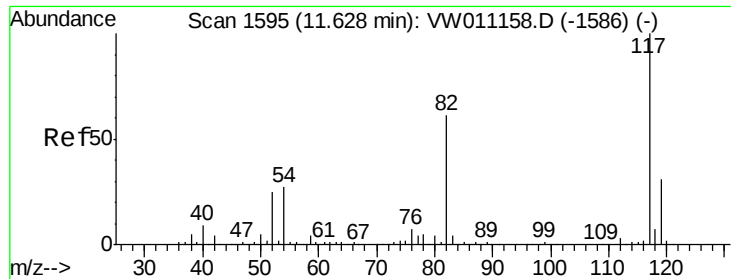


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

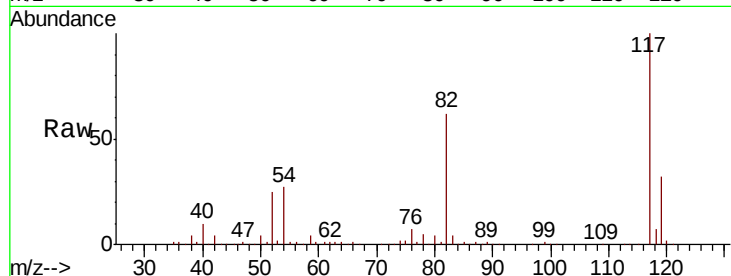




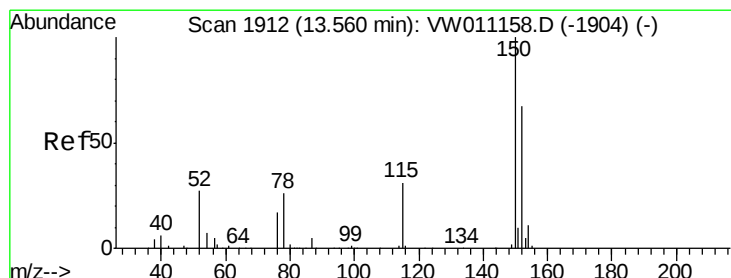
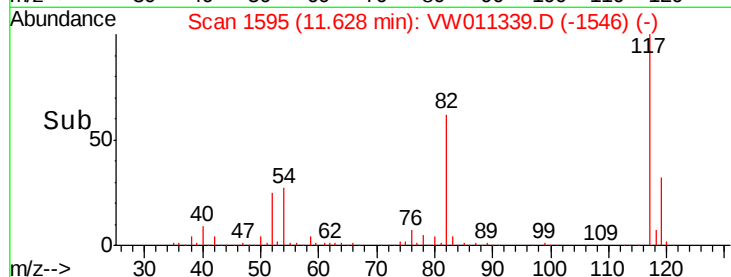
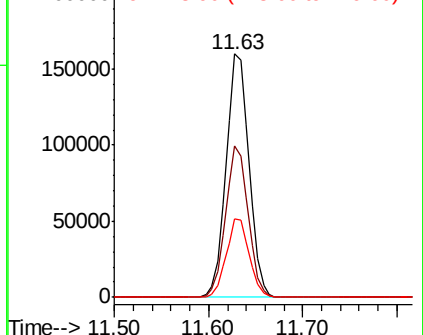
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW011339.D
Acq: 18 Jul 2019 17:35

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:117 Resp: 269729
Ion Ratio Lower Upper
117 100
82 62.4 48.9 73.3
119 32.0 25.0 37.6

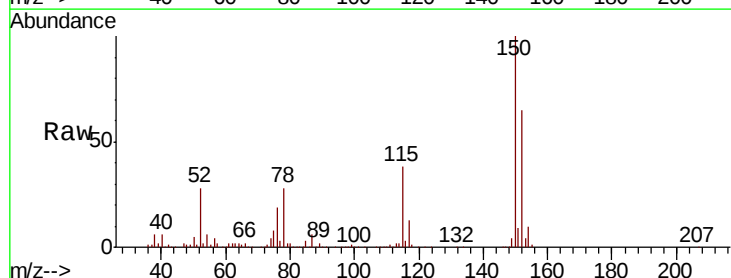


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

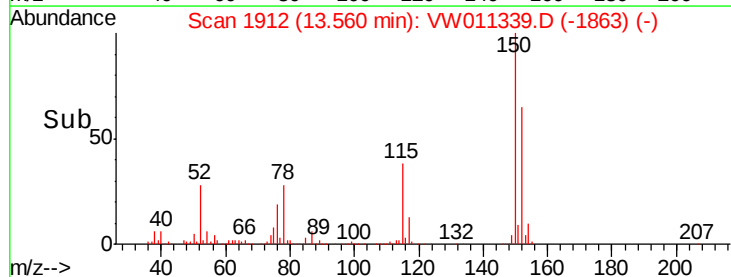
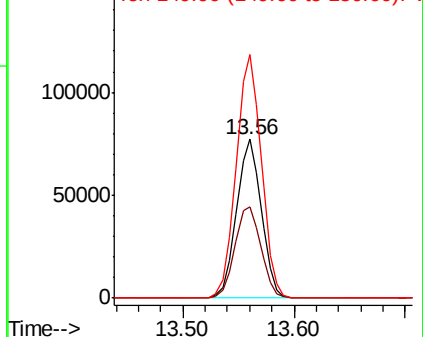


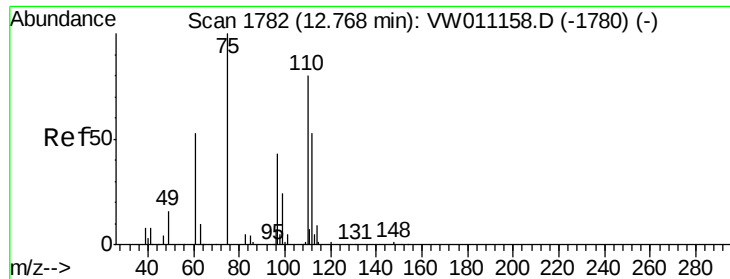
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011339.D
Acq: 18 Jul 2019 17:35

Tgt Ion:152 Resp: 118815
Ion Ratio Lower Upper
152 100
115 60.2 30.1 90.3
150 155.5 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

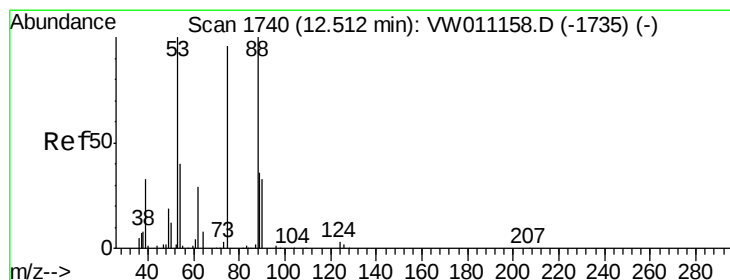
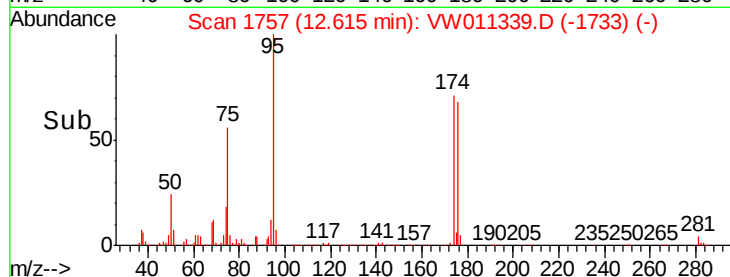
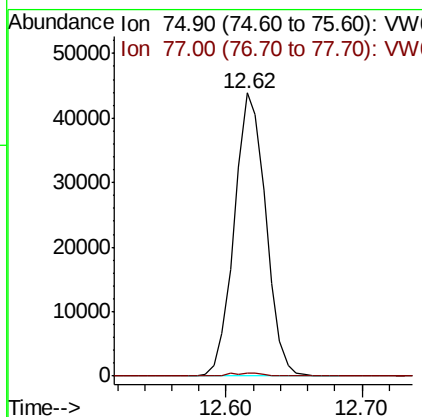
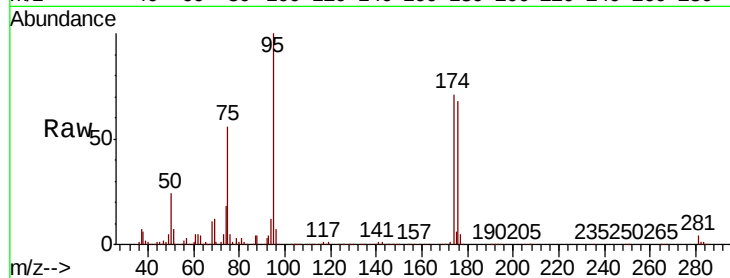




#76
 1,2,3-Trichloropropane
 Concen: 51.475 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW011339.D
 Acq: 18 Jul 2019 17:35

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 70678
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 116.426 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW011339.D
 Acq: 18 Jul 2019 17:35

Tgt Ion: 75 Resp: 70678
 Ion Ratio Lower Upper
 75 100
 53 0.0 89.8 134.6#
 89 0.0 34.3 51.5#

