

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071119\
 Data File : VW011213.D
 Acq On : 11 Jul 2019 02:18
 Operator : SY/VA
 Sample : K3740-03
 Misc : 5.36G/5ML/MSVOA W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VOC-23

Quant Time: Jul 11 08:11:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 10 06:41:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	196406	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	337781	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	274445	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	99160	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	134181	54.37	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.74%	
35) Dibromofluoromethane	7.88	113	83922	41.68	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	83.36%	
50) Toluene-d8	10.32	98	413259	50.78	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.56%	
62) 4-Bromofluorobenzene	12.62	95	126947	42.56	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	85.12%	

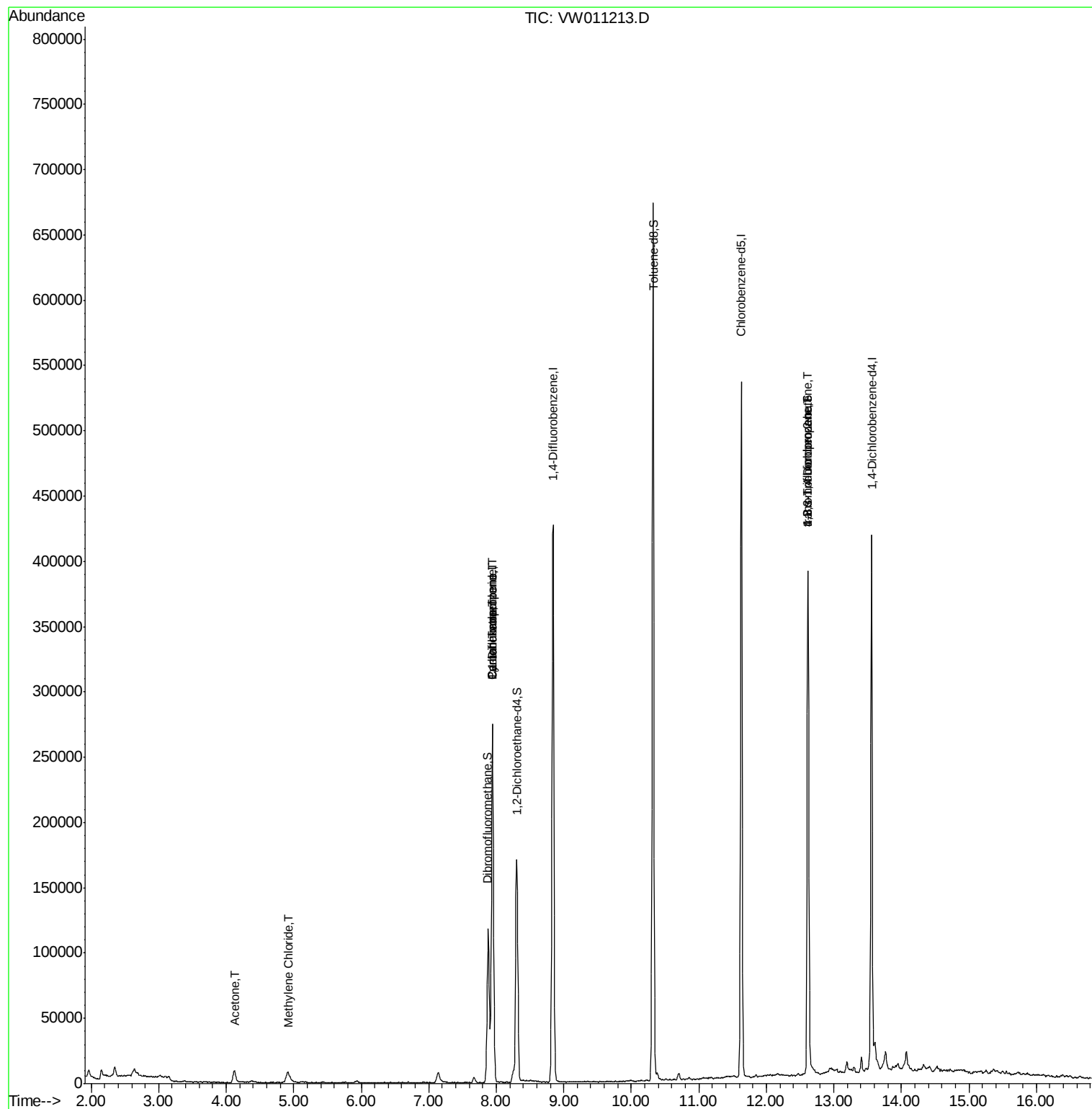
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	17968	30.259	ug/l	100
20) Methylene Chloride	4.91	84	6548	2.795	ug/l	86
31) Cyclohexane	7.95	56	4847	1.014	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	16983	4.721	ug/l #	51
38) Carbon Tetrachloride	7.95	117	19779	6.486	ug/l #	15
76) 1,2,3-Trichloropropane	12.62	75	68960	60.179	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	68960	136.113	ug/l #	6

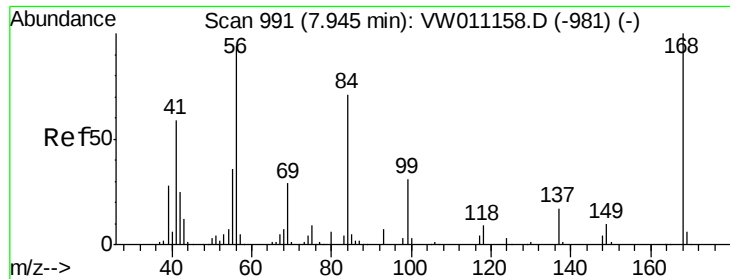
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 10 06:41:08 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: VW011213.D

Acq: 11 Jul 2019 02:18

Instrument :

MSVOA_W

ClientSampleId :

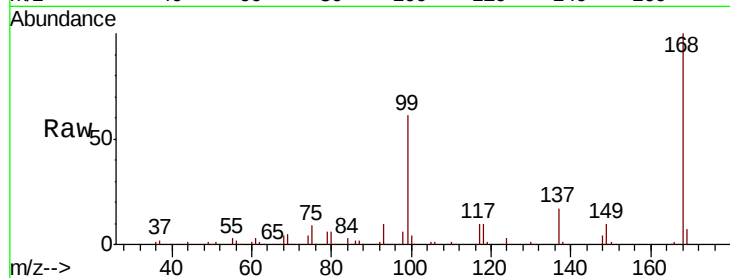
VOC-23

Tot Ion:168 Resp: 196406

Ion Ratio Lower Upper

168 100

99 60.5 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

80000

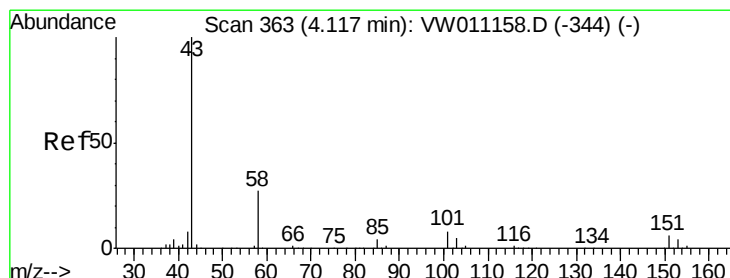
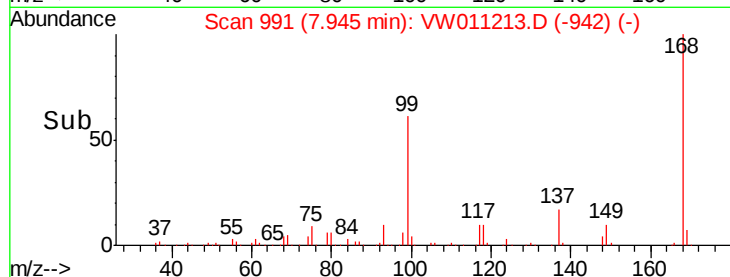
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 30.259 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011213.D

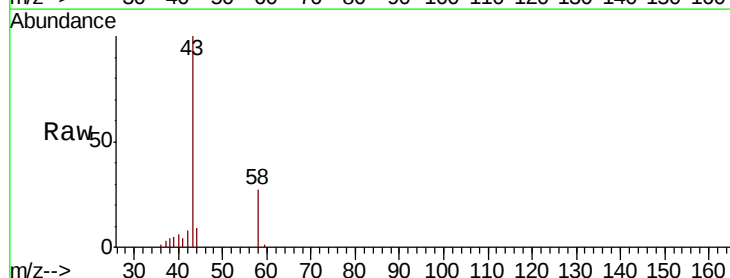
Acq: 11 Jul 2019 02:18

Tgt Ion: 43 Resp: 17968

Ion Ratio Lower Upper

43 100

58 27.0 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

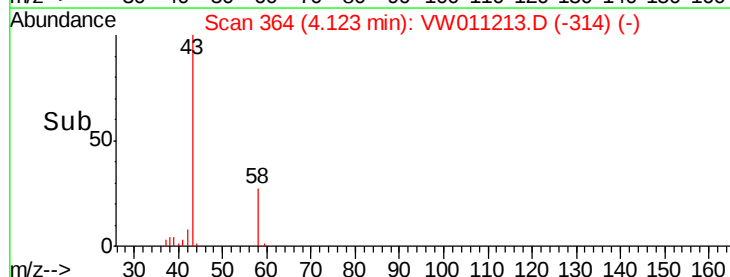
6000

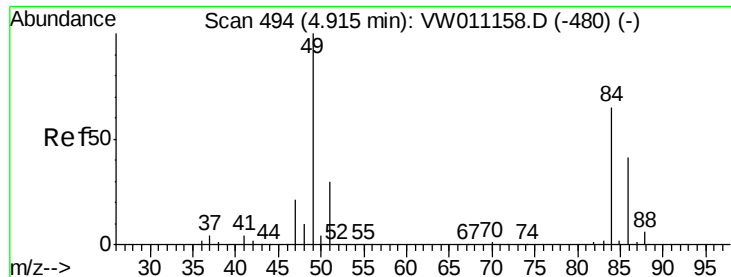
4000

2000

0

Time--> 4.00 4.10 4.20

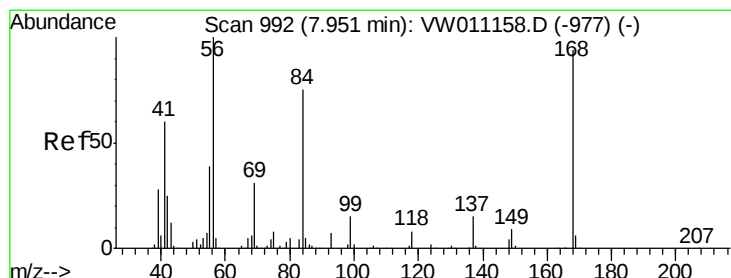
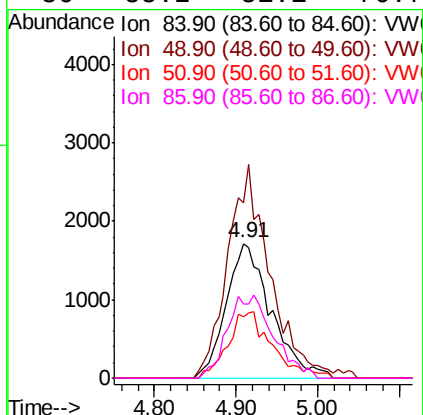
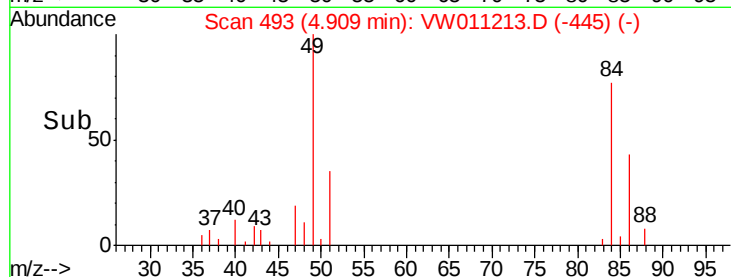
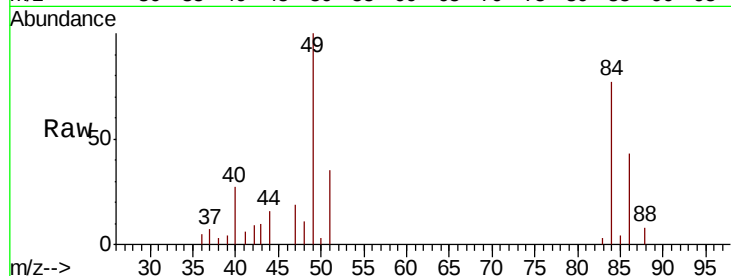




#20
Methvlene Chloride
Concen: 2.795 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW011213.D
Acq: 11 Jul 2019 02:18

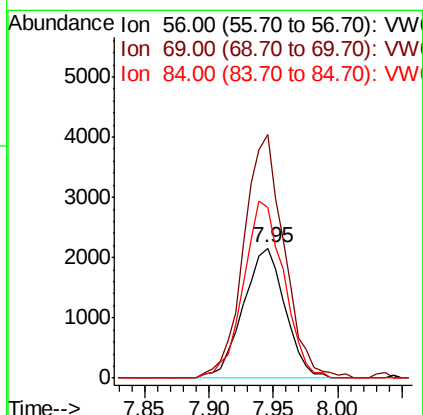
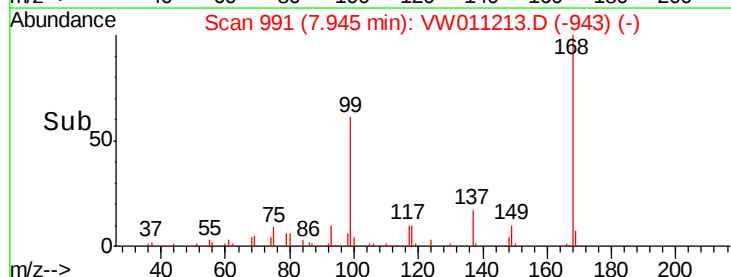
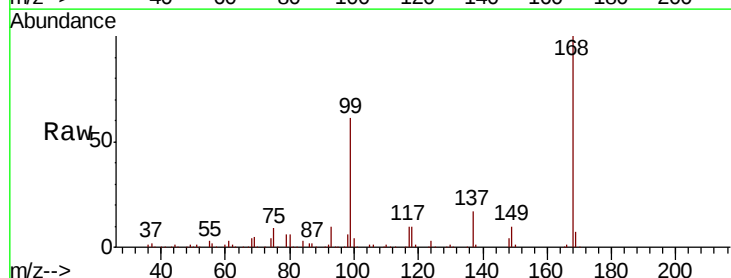
Instrument :
MSVOA_W
ClientSampleId :
VOC-23

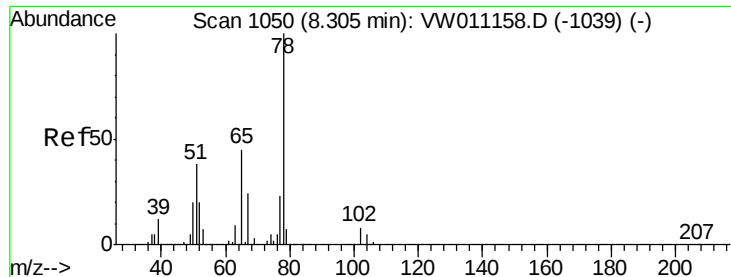
Tot Ion: 84 Resp: 6548
Ion Ratio Lower Upper
84 100
49 129.9 123.8 185.6
51 45.2 37.4 56.2
86 55.2 51.1 76.7



#31
Cyclohexane
Concen: 1.014 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW011213.D
Acq: 11 Jul 2019 02:18

Tgt Ion: 56 Resp: 4847
Ion Ratio Lower Upper
56 100
69 187.7 24.6 36.8#
84 132.1 60.1 90.1#

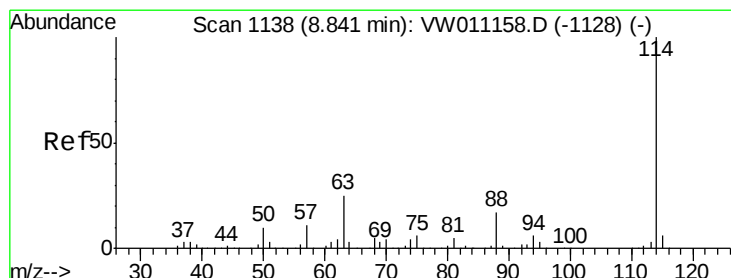
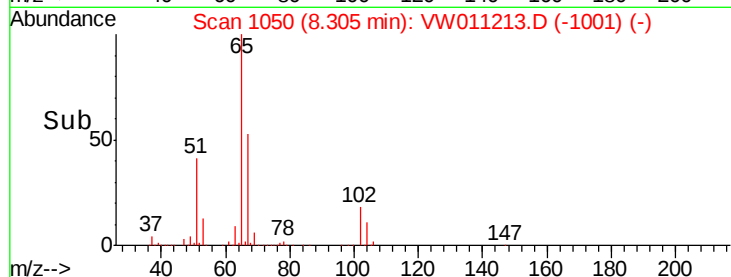
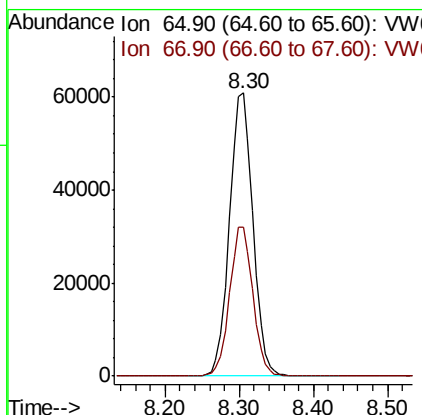
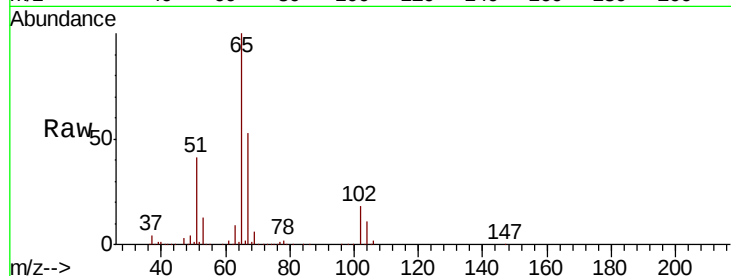




#33
 1,2-Dichloroethane-d4
 Concen: 54.370 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW011213.D
 Acq: 11 Jul 2019 02:18

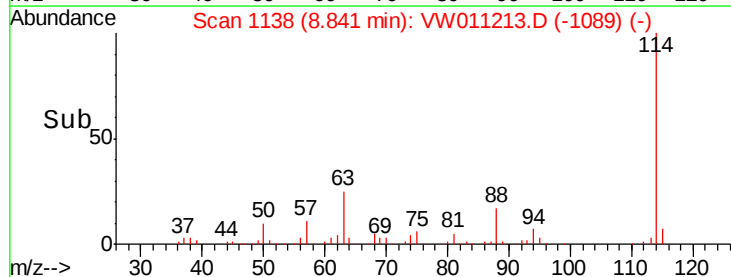
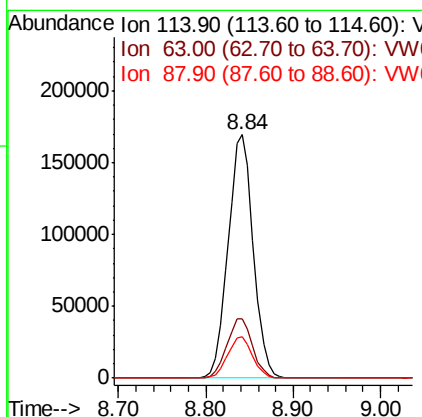
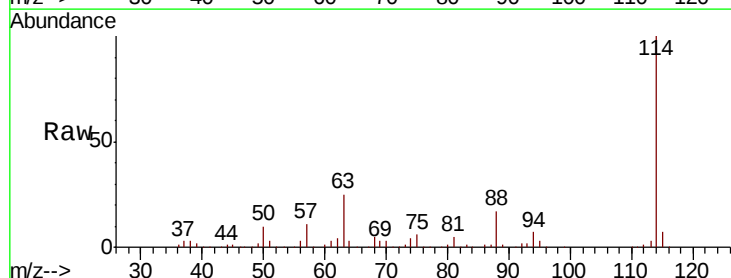
Instrument :
 MSVOA_W
 ClientSampleId :
 VOC-23

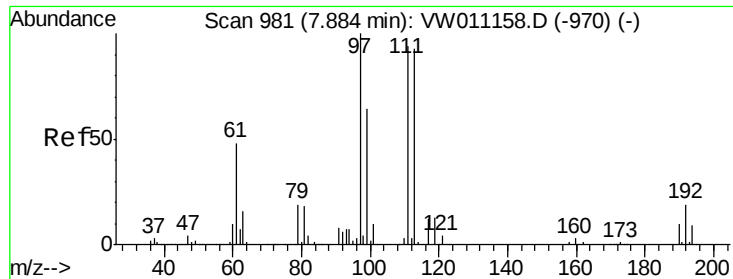
Tot Ion: 65 Resp: 134181
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW011213.D
 Acq: 11 Jul 2019 02:18

Tgt Ion: 114 Resp: 337781
 Ion Ratio Lower Upper
 114 100
 63 24.6 0.0 50.8
 88 16.8 0.0 34.2

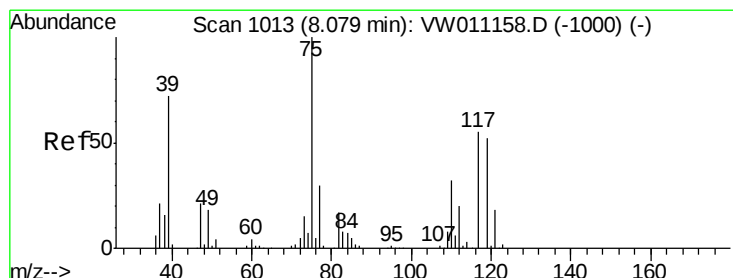
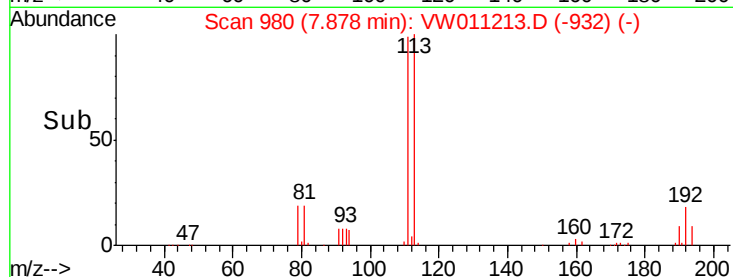
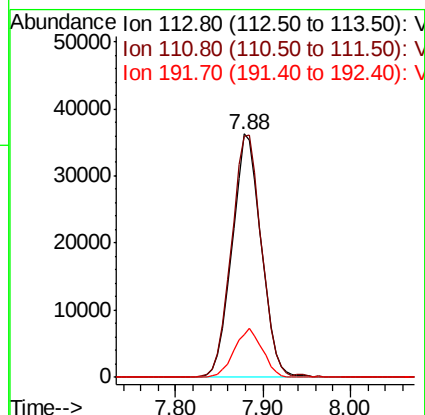
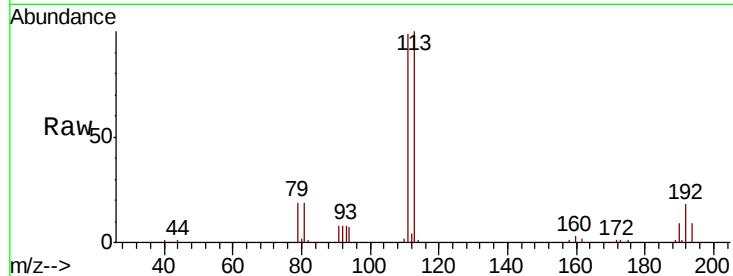




#35
 Dibromofluoromethane
 Concen: 41.683 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW011213.D
 Acq: 11 Jul 2019 02:18

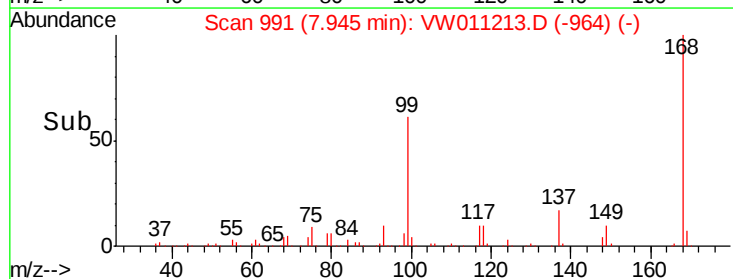
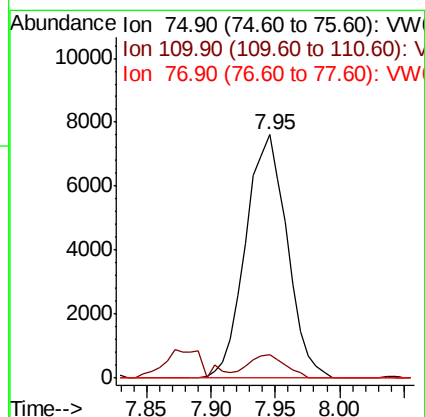
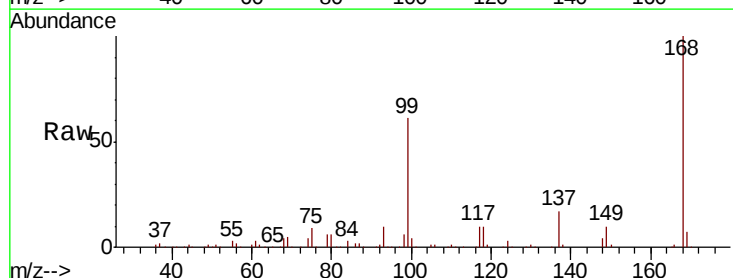
Instrument :
 MSVOA_W
 ClientSampleId :
 VOC-23

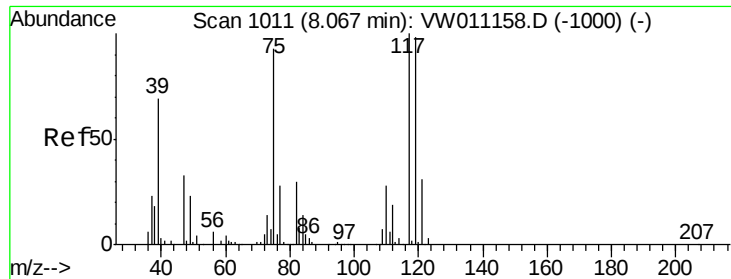
Tot Ion:113 Resp: 83922
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.4 123.6
 192 19.4 15.8 23.8



#36
 1,1-Dichloropropene
 Concen: 4.721 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW011213.D
 Acq: 11 Jul 2019 02:18

Tgt Ion: 75 Resp: 16983
 Ion Ratio Lower Upper
 75 100
 110 8.5 15.9 47.6#
 77 0.0 24.6 36.8#

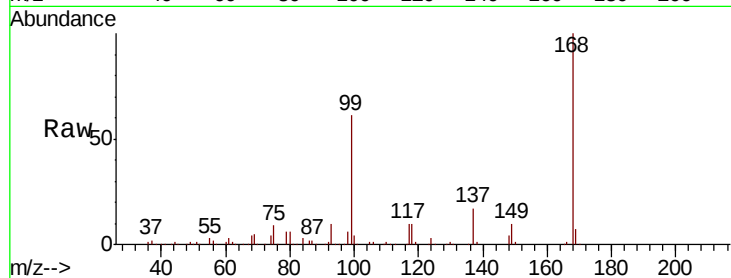




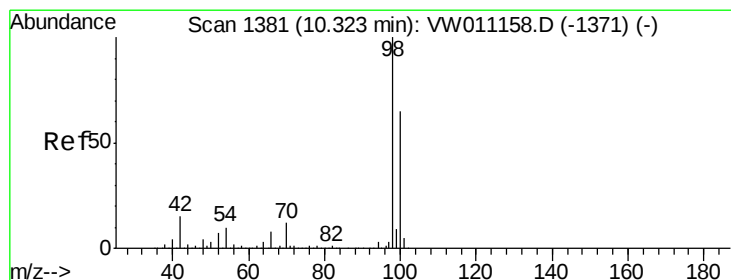
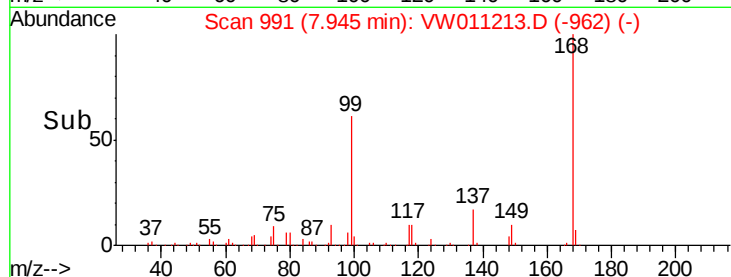
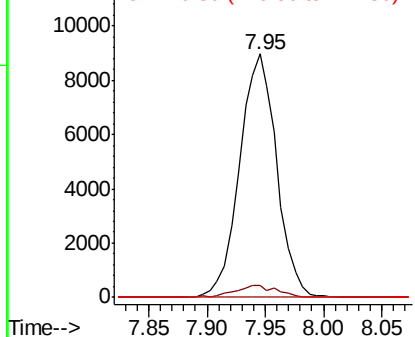
#38
Carbon Tetrachloride
Concen: 6.486 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW011213.D
Acq: 11 Jul 2019 02:18

Instrument :
MSVOA_W
ClientSampleId :
VOC-23

Tot Ion:117 Resp: 19779
Ion Ratio Lower Upper
117 100
119 5.1 78.1 117.1#
121 0.0 25.1 37.7#

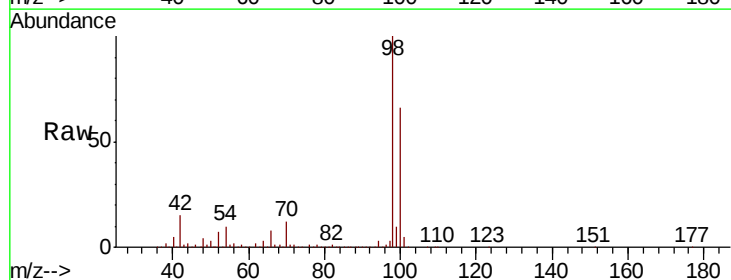


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

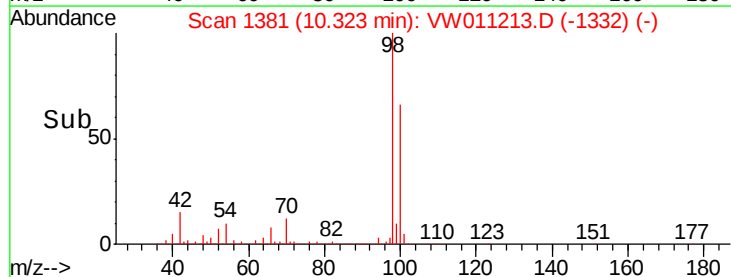
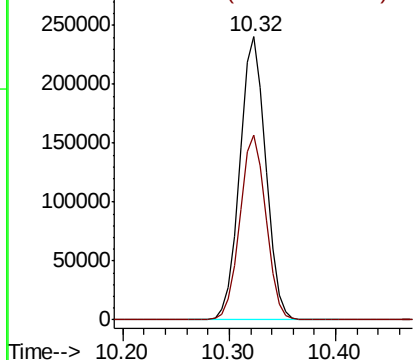


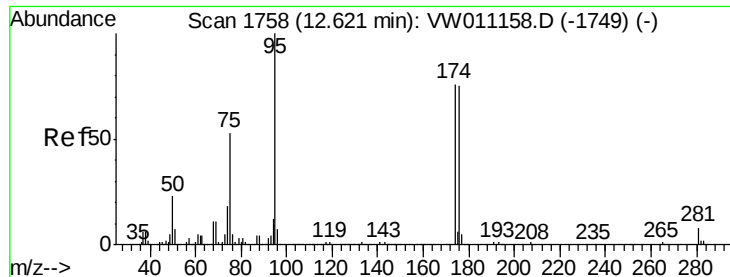
#50
Toluene-d8
Concen: 50.780 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011213.D
Acq: 11 Jul 2019 02:18

Tgt Ion: 98 Resp: 413259
Ion Ratio Lower Upper
98 100
100 65.7 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): V

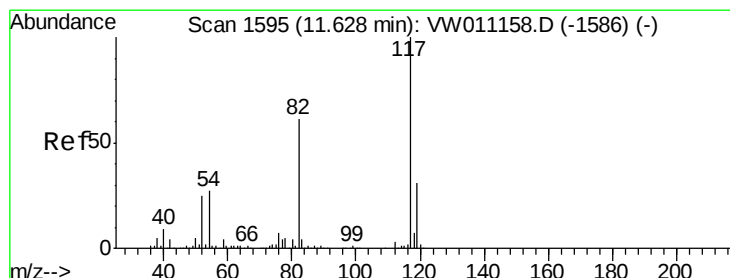
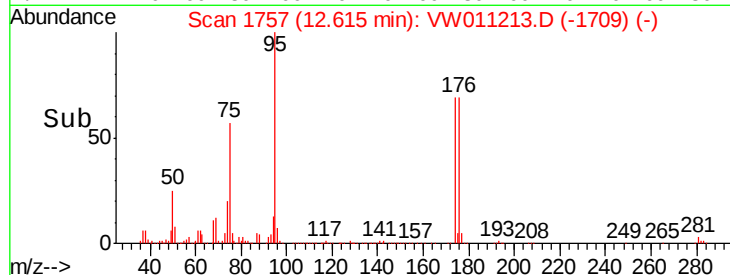
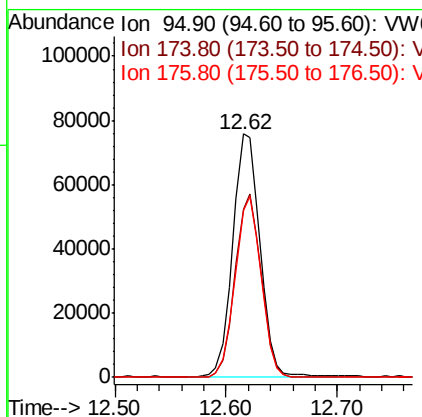
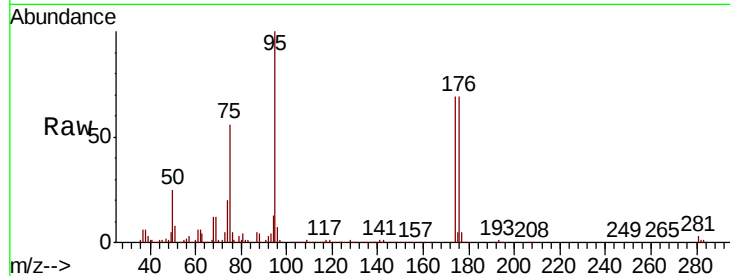




#62
4-Bromofluorobenzene
Concen: 42.558 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW011213.D
Acq: 11 Jul 2019 02:18

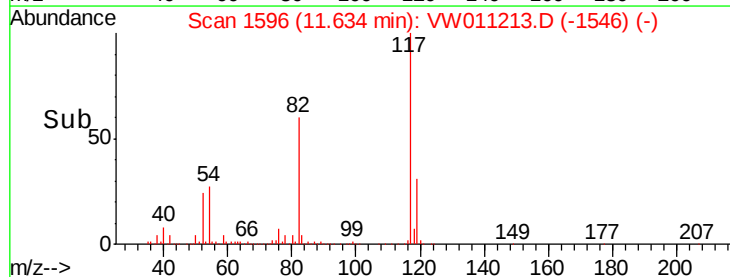
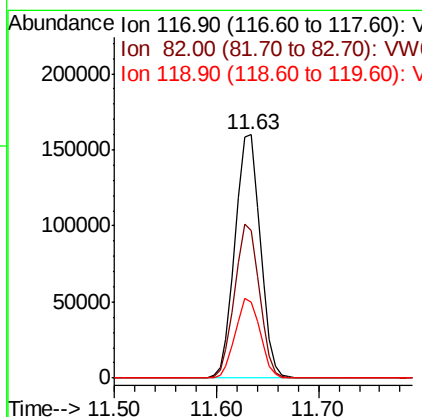
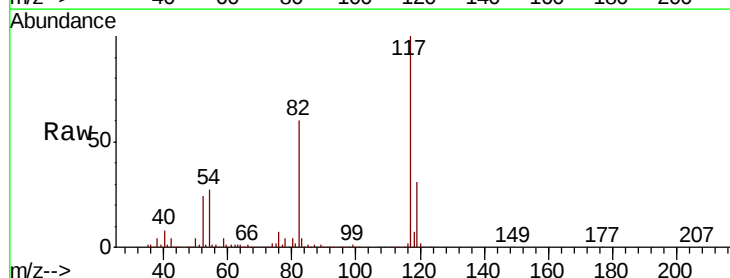
Instrument :
MSVOA_W
ClientSampled :
VOC-23

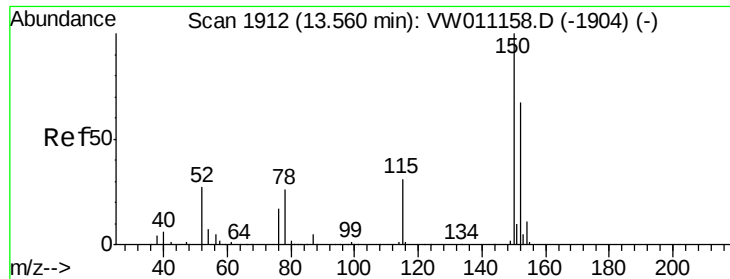
Tot Ion: 95 Resp: 126947
Ion Ratio Lower Upper
95 100
174 72.8 0.0 147.6
176 71.4 0.0 144.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW011213.D
Acq: 11 Jul 2019 02:18

Tgt Ion: 117 Resp: 274445
Ion Ratio Lower Upper
117 100
82 60.5 48.9 73.3
119 31.3 25.0 37.6



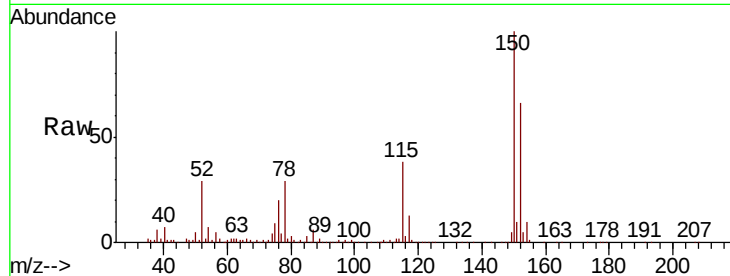


#72

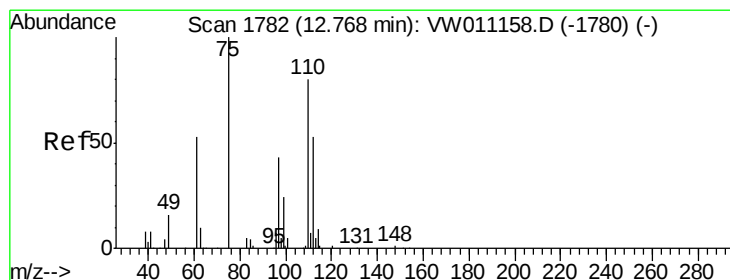
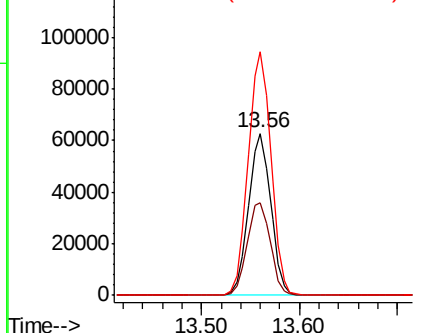
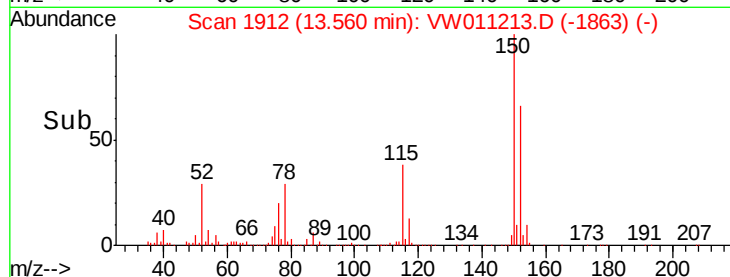
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011213.D
Acq: 11 Jul 2019 02:18

Instrument :
MSVOA_W
ClientSampled :
VOC-23

Tot Ion:152 Resp: 99160
Ion Ratio Lower Upper
152 100
115 59.6 30.1 90.3
150 154.6 0.0 346.0



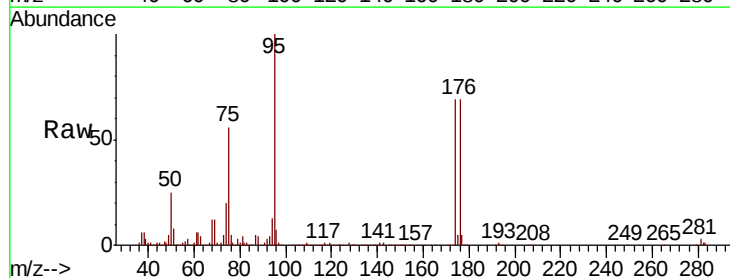
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



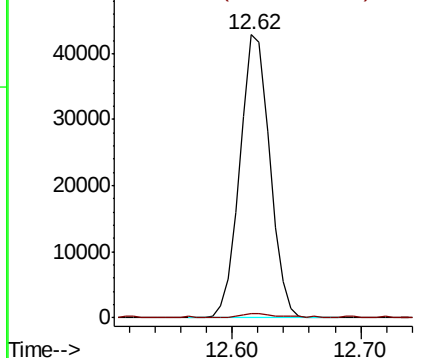
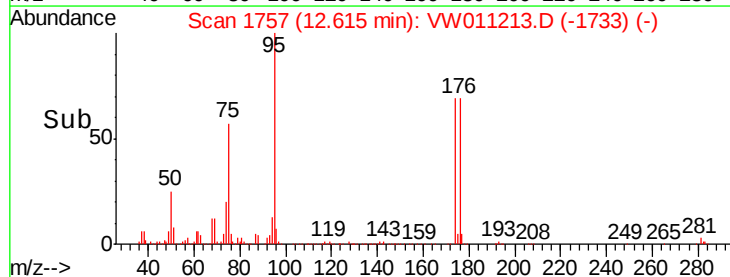
#76

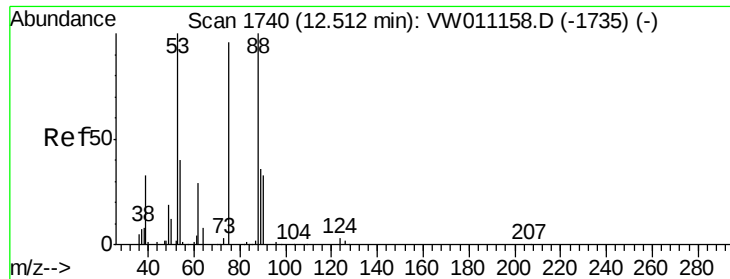
1,2,3-Trichloropropane
Concen: 60.179 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW011213.D
Acq: 11 Jul 2019 02:18

Tgt Ion: 75 Resp: 68960
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: 136.113 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW011213.D

Acq: 11 Jul 2019 02:18

Instrument :

MSVOA_W

ClientSampleId :

VOC-23

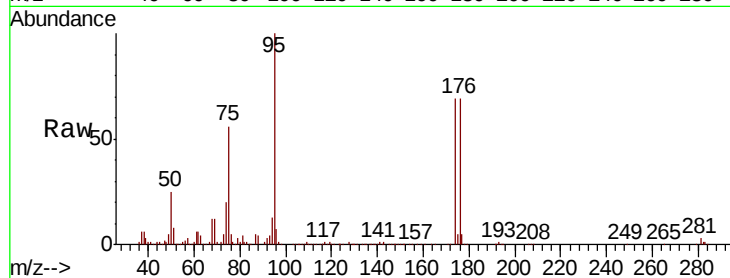
Tot Ion: 75 Resp: 68960

Ion Ratio Lower Upper

75 100

53 0.5 89.8 134.6#

89 0.0 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

