

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW090319\
 Data File : VW012560.D
 Acq On : 03 Sep 2019 22:23
 Operator : SY/VA
 Sample : VW0903SBL02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0903SBL02

Quant Time: Sep 04 06:50:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

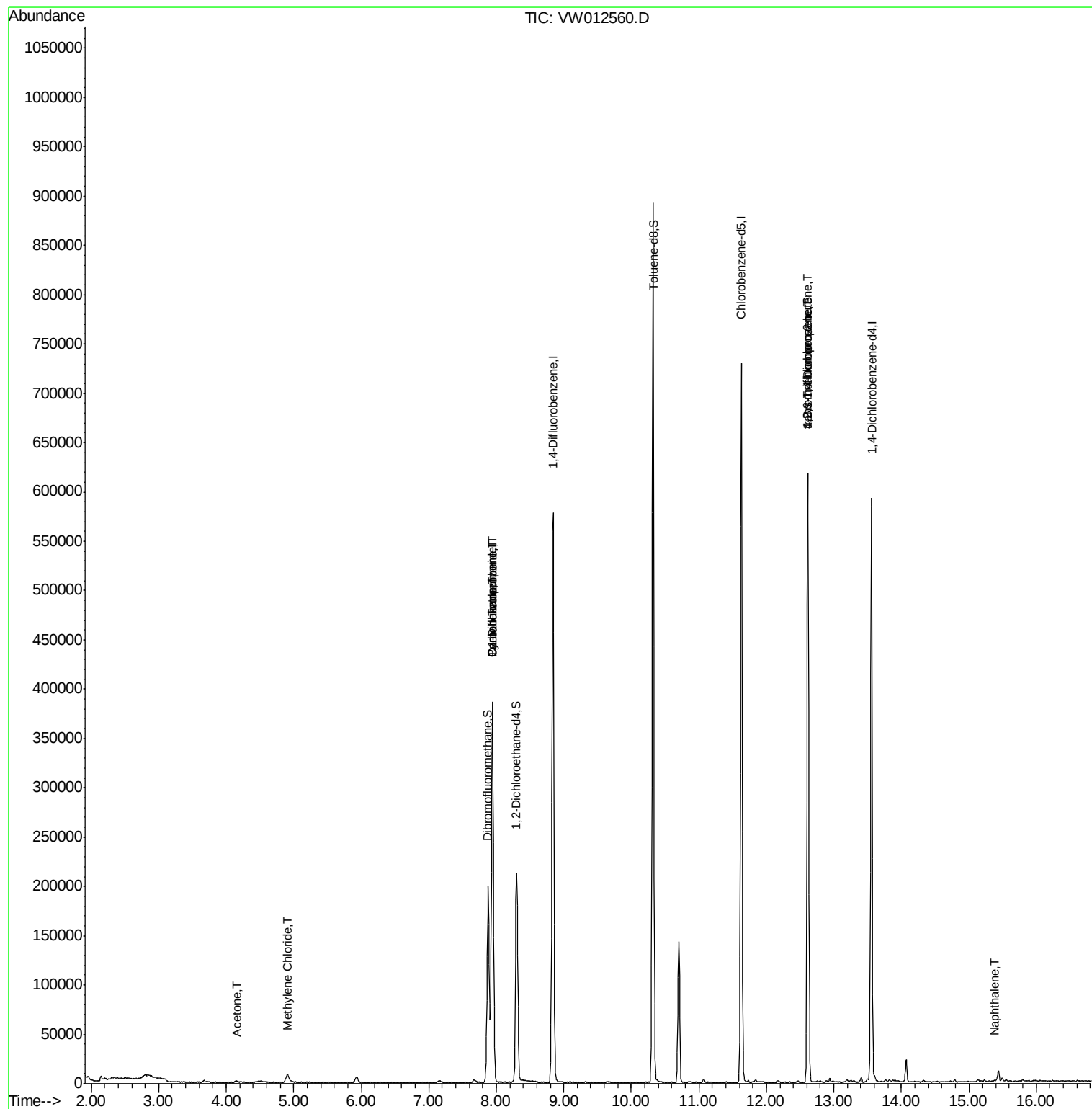
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	280317	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	452033	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	376966	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	150258	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	178604	53.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.20%	
35) Dibromofluoromethane	7.88	113	139214	51.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.20%	
50) Toluene-d8	10.32	98	552875	50.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.08%	
62) 4-Bromofluorobenzene	12.62	95	176604	45.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.58%	
Target Compounds						
					Qvalue	
16) Acetone	4.15	43	3654	4.290	ug/l	95
20) Methylene Chloride	4.90	84	6135	1.905	ug/l #	83
31) Cyclohexane	7.94	56	7014	1.169	ug/l #	1
36) 1,1-Dichloropropene	7.94	75	23866	5.109	ug/l #	52
38) Carbon Tetrachloride	7.94	117	28513	7.052	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	96761	66.120	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	96761	144.971	ug/l #	6
95) Naphthalene	15.38	128	866	4.461	ug/l #	84

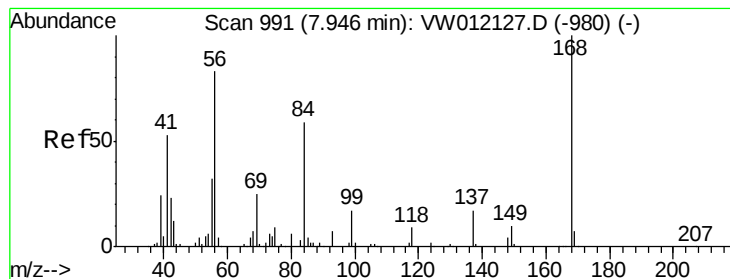
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW090319\
Data File : VW012560.D
Acq On : 03 Sep 2019 22:23
Operator : SY/VA
Sample : VW0903SBL02
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 32 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0903SBL02

Quant Time: Sep 04 06:50:21 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 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: VW012560.D

Acq: 03 Sep 2019 22:23

Instrument :

MSVOA_W

ClientSampleId :

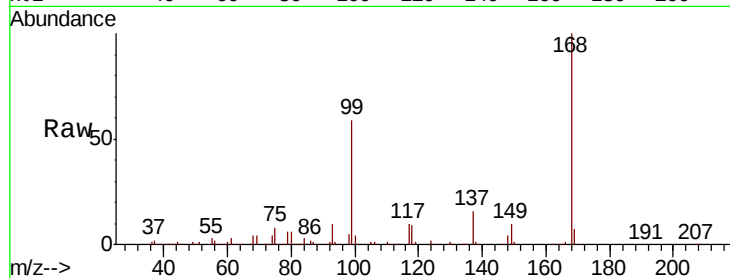
VW0903SBL02

Tgt Ion:168 Resp: 280317

Ion Ratio Lower Upper

168 100

99 58.9 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

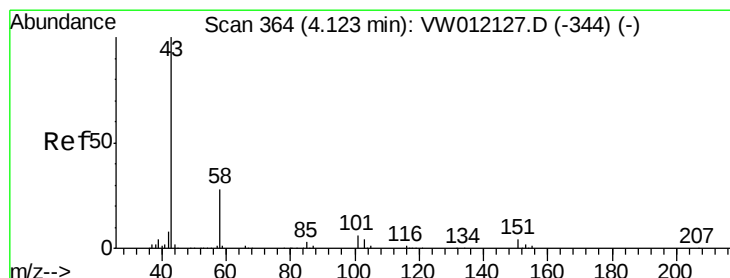
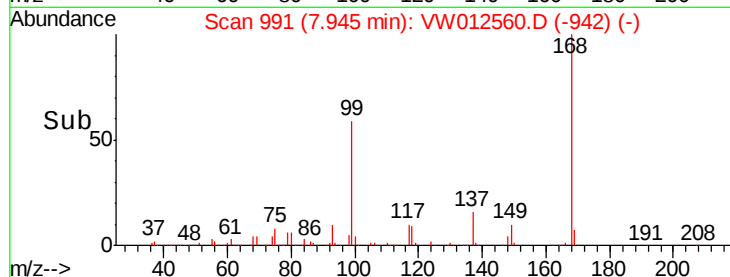
100000

50000

0

7.80 7.90 8.00 8.10

Time-->



#16

Acetone

Concen: 4.290 ug/l

RT: 4.15 min Scan# 368

Delta R.T. 0.02 min

Lab File: VW012560.D

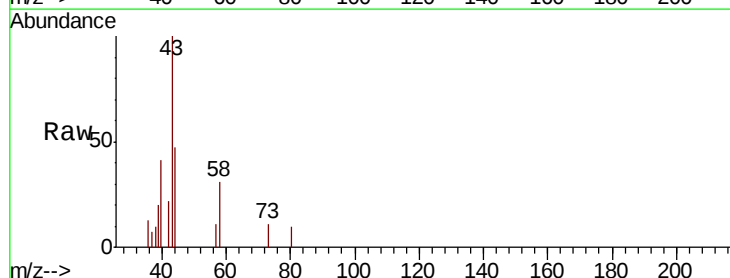
Acq: 03 Sep 2019 22:23

Tgt Ion: 43 Resp: 3654

Ion Ratio Lower Upper

43 100

58 30.9 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.15

800

600

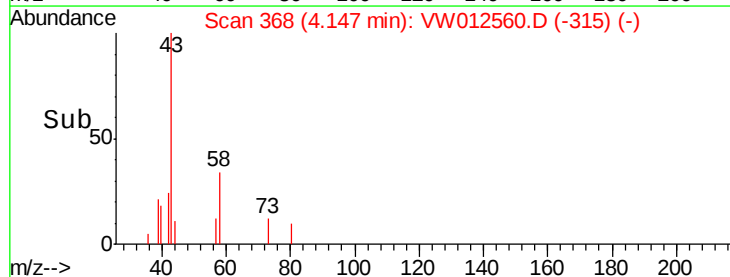
400

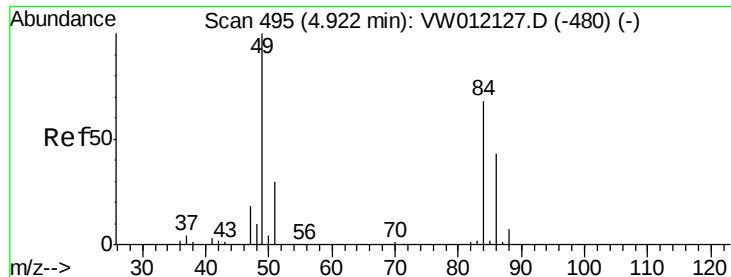
200

0

4.00 4.10 4.20 4.30

Time-->





#20

Methylene Chloride

Concen: 1.905 ug/l

RT: 4.90 min Scan# 491

Delta R.T. -0.02 min

Lab File: VW012560.D

Acq: 03 Sep 2019 22:23

Instrument :

MSVOA_W

ClientSampleId :

VW0903SBL02

Tgt Ion: 84 Resp: 6135

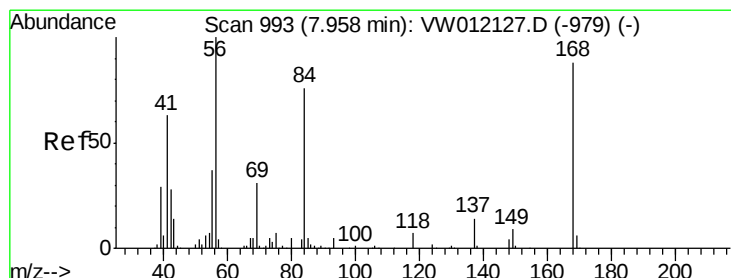
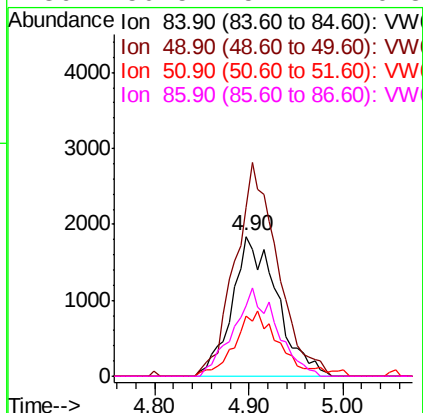
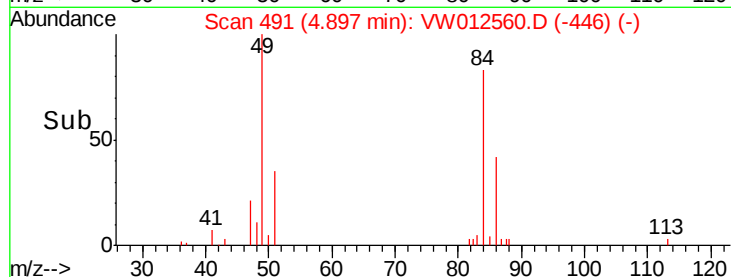
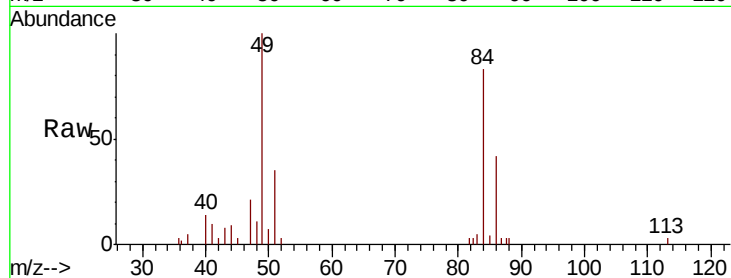
Ion Ratio Lower Upper

84 100

49 120.5 117.8 176.8

51 42.6 35.6 53.4

86 50.5 51.2 76.8#



#31

Cyclohexane

Concen: 1.169 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.02 min

Lab File: VW012560.D

Acq: 03 Sep 2019 22:23

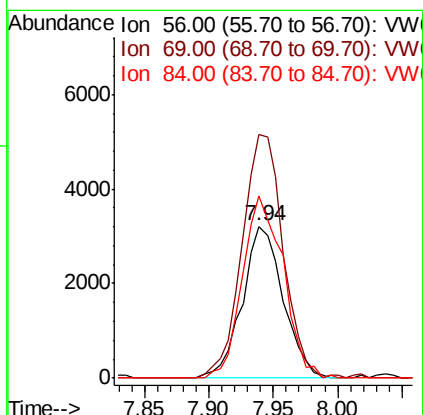
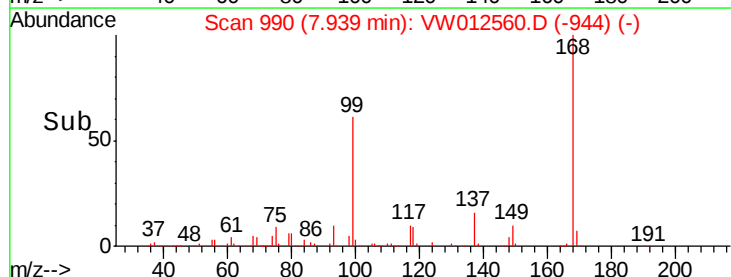
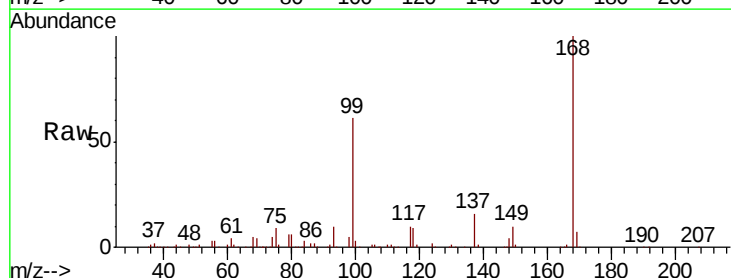
Tgt Ion: 56 Resp: 7014

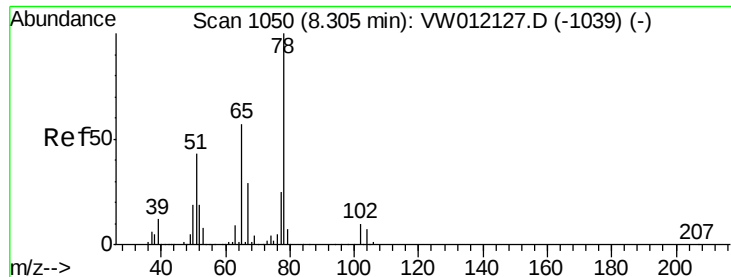
Ion Ratio Lower Upper

56 100

69 160.2 24.9 37.3#

84 119.9 60.6 90.8#





#33

1,2-Dichloroethane-d4

Concen: 53.598 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW012560.D

Acq: 03 Sep 2019 22:23

Instrument :

MSVOA_W

ClientSampleId :

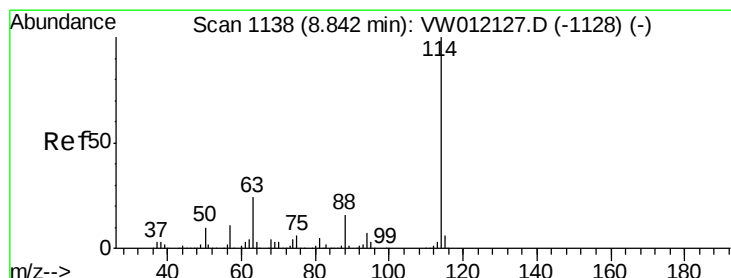
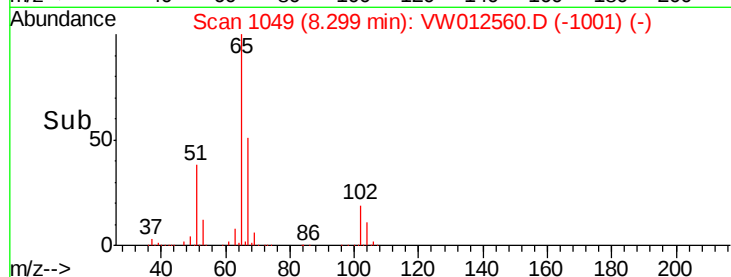
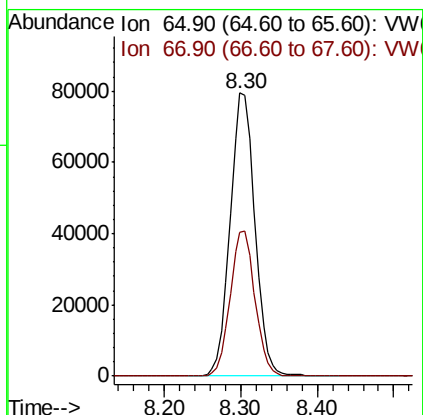
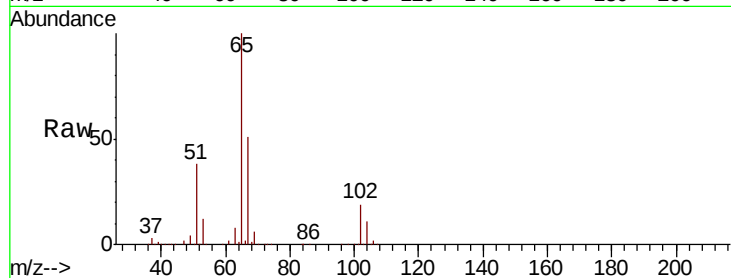
VW0903SBL02

Tgt Ion: 65 Resp: 178604

Ion Ratio Lower Upper

65 100

67 51.2 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012560.D

Acq: 03 Sep 2019 22:23

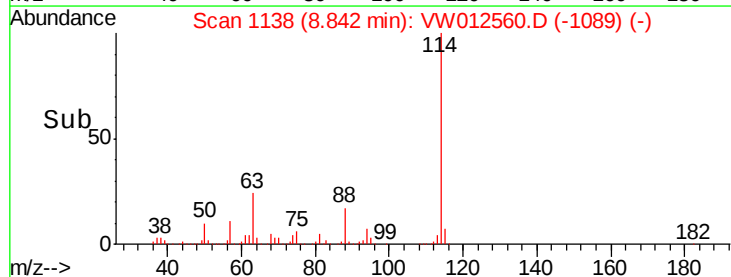
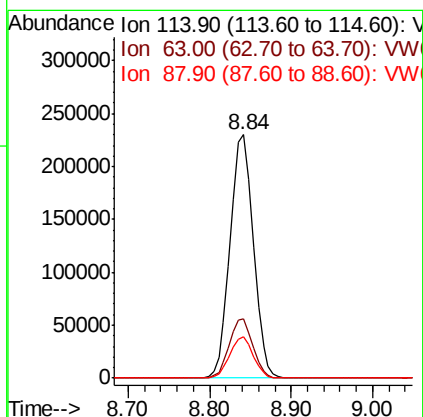
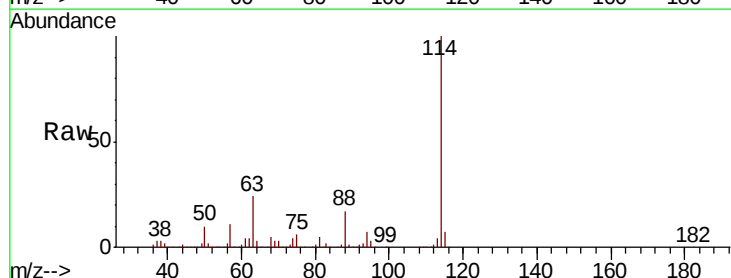
Tgt Ion: 114 Resp: 452033

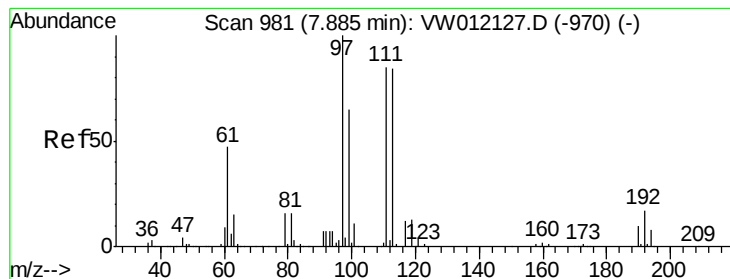
Ion Ratio Lower Upper

114 100

63 24.2 0.0 48.6

88 16.7 0.0 32.2





#35

Dibromofluoromethane

Concen: 51.595 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012560.D

Acq: 03 Sep 2019 22:23

Instrument :

MSVOA_W

ClientSampleId :

VW0903SBL02

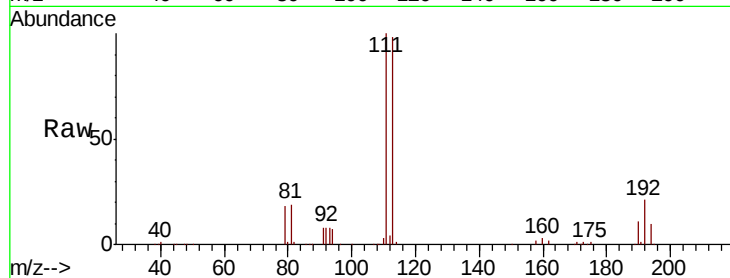
Tgt Ion:113 Resp: 139214

Ion Ratio Lower Upper

113 100

111 102.6 82.7 124.1

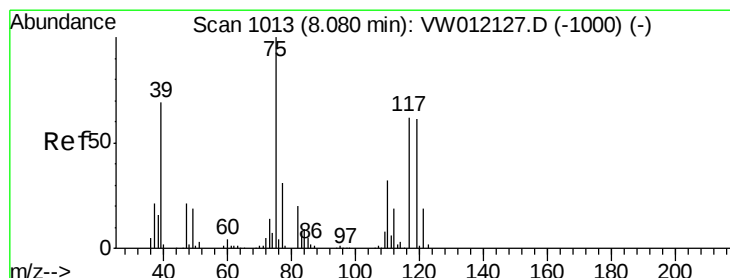
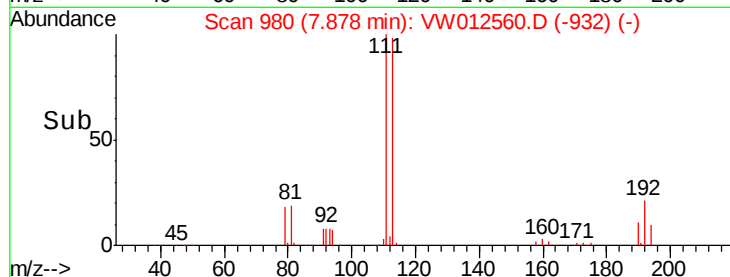
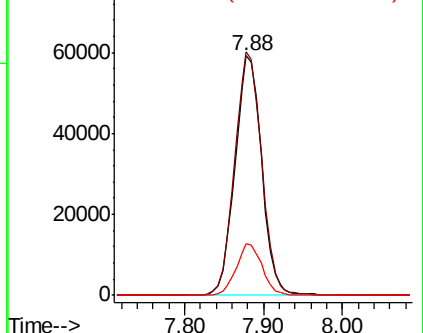
192 21.0 16.2 24.2



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: 5.109 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.14 min

Lab File: VW012560.D

Acq: 03 Sep 2019 22:23

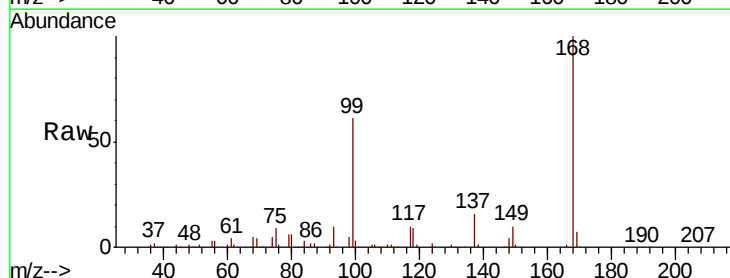
Tgt Ion: 75 Resp: 23866

Ion Ratio Lower Upper

75 100

110 9.1 15.6 46.8#

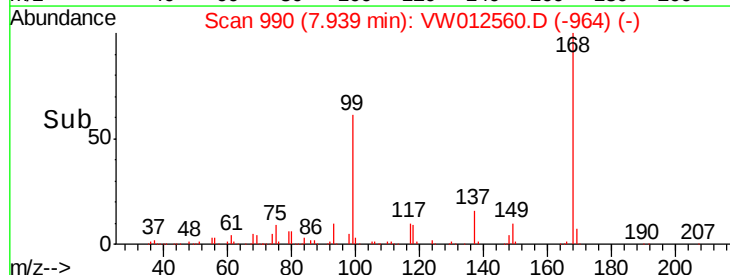
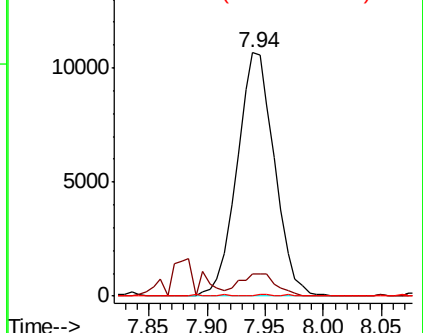
77 0.2 24.6 36.8#

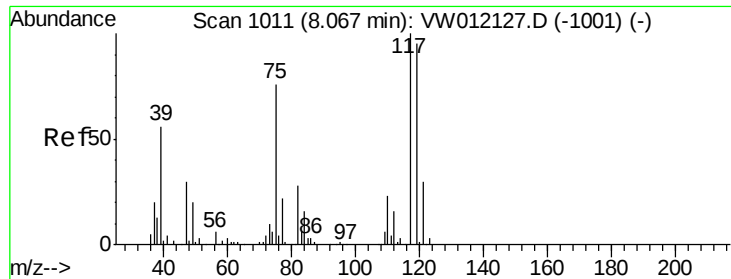


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

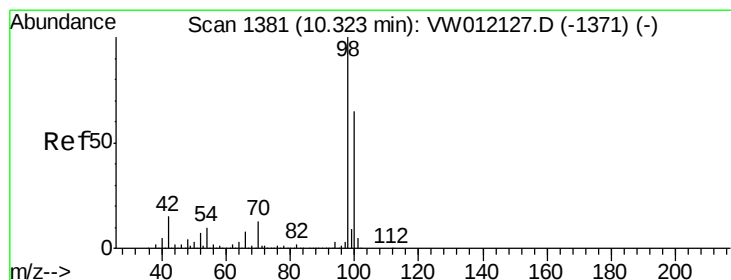
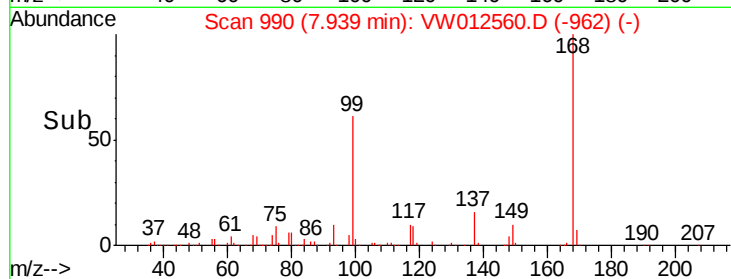
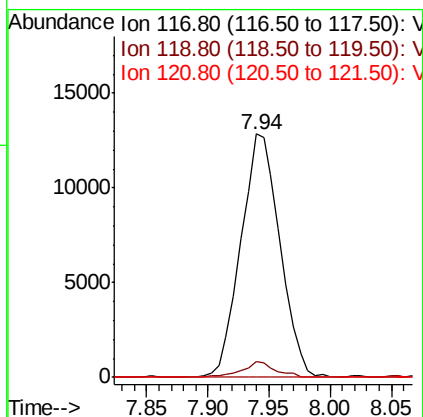
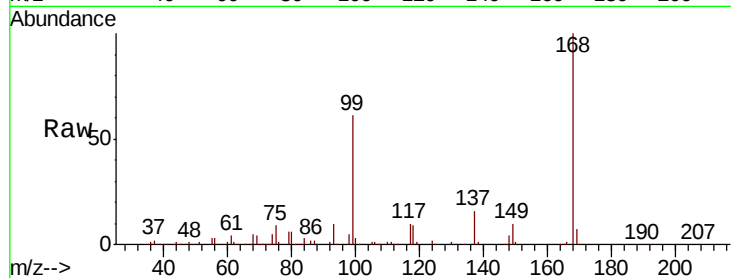




#38
Carbon Tetrachloride
Concen: 7.052 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.13 min
Lab File: VW012560.D
Acq: 03 Sep 2019 22:23

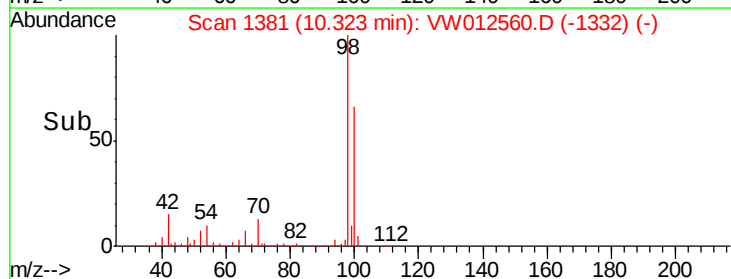
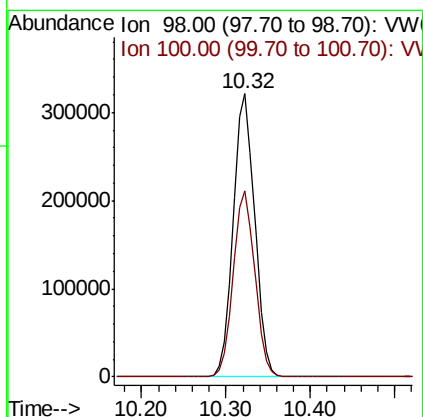
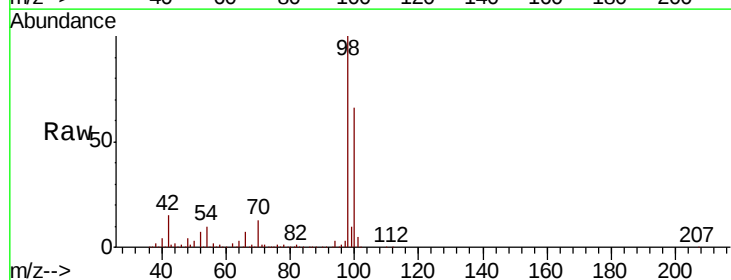
Instrument :
MSVOA_W
ClientSampleId :
VW0903SBL02

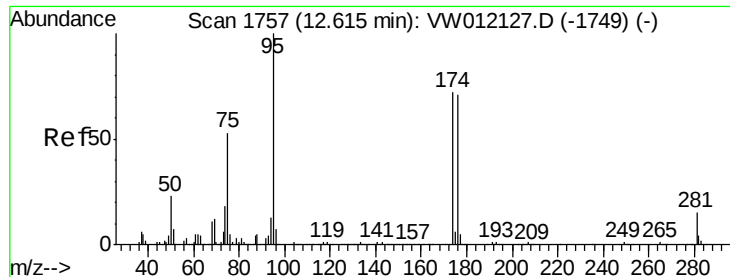
Tgt Ion:117 Resp: 28513
Ion Ratio Lower Upper
117 100
119 6.3 76.2 114.2#
121 0.0 23.8 35.8#



#50
Toluene-d8
Concen: 50.535 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012560.D
Acq: 03 Sep 2019 22:23

Tgt Ion: 98 Resp: 552875
Ion Ratio Lower Upper
98 100
100 65.9 52.4 78.6

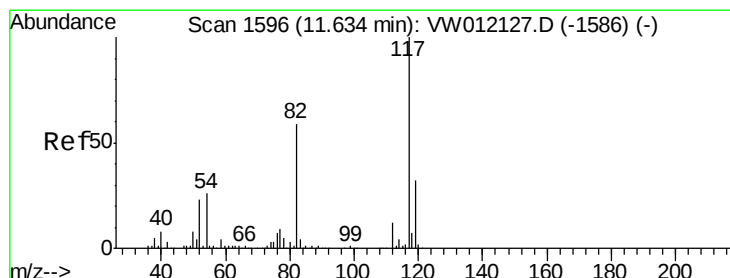
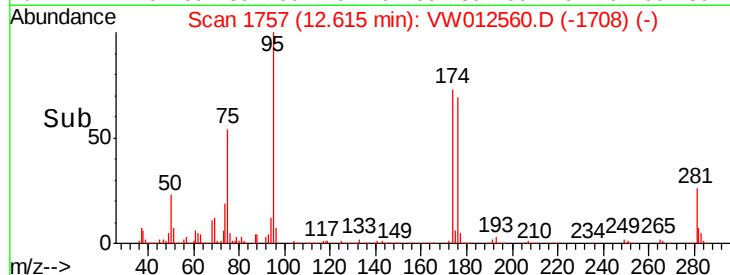
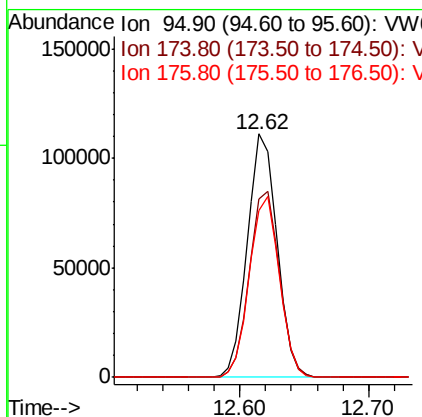
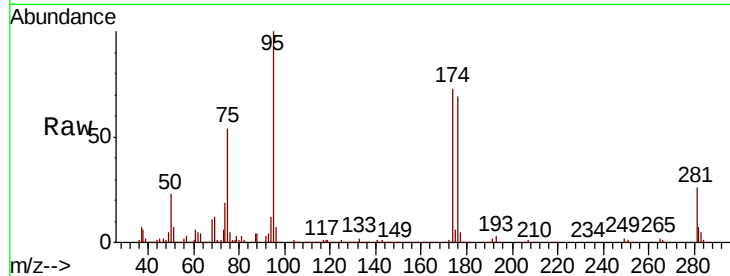




#62
4-Bromofluorobenzene
Concen: 45.794 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012560.D
Acq: 03 Sep 2019 22:23

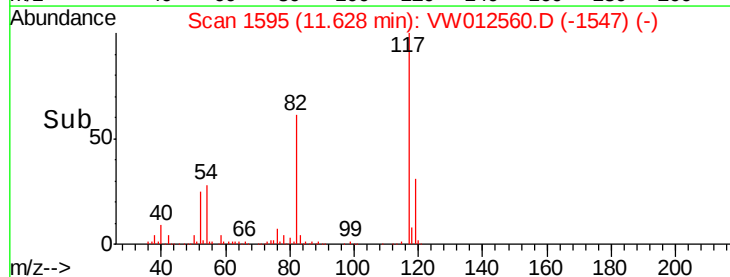
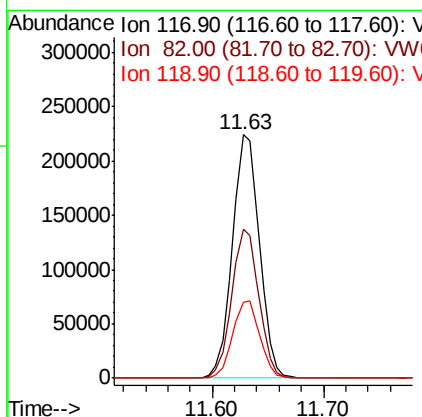
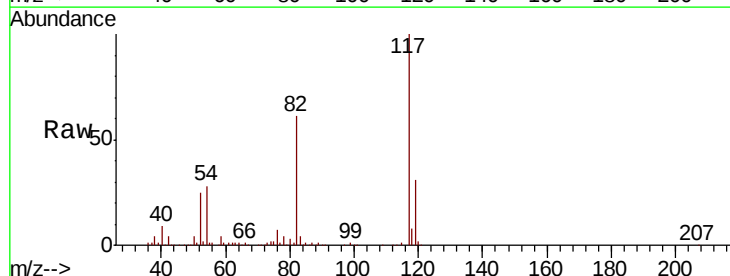
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MSVOA_W
ClientSampleId :
VW0903SBL02

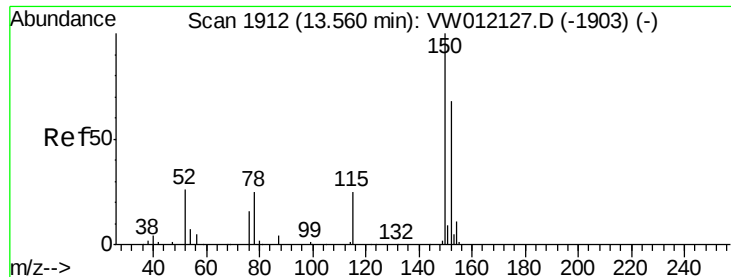
Tgt Ion: 95 Resp: 176604
Ion Ratio Lower Upper
95 100
174 77.6 0.0 150.8
176 75.1 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012560.D
Acq: 03 Sep 2019 22:23

Tgt Ion: 117 Resp: 376966
Ion Ratio Lower Upper
117 100
82 61.1 47.4 71.2
119 31.0 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW012560.D

Acq: 03 Sep 2019 22:23

Instrument :

MSVOA_W

ClientSampleId :

VW0903SBL02

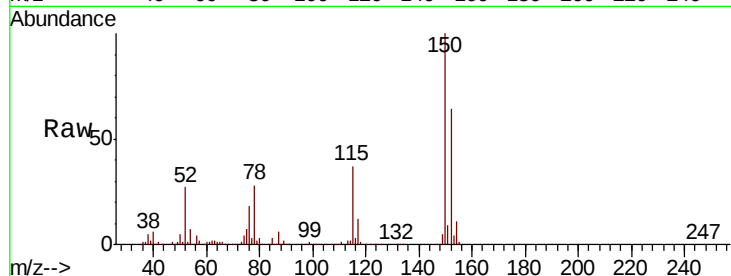
Tgt Ion: 152 Resp: 150258

Ion Ratio Lower Upper

152 100

115 59.8 30.1 90.3

150 155.2 0.0 345.8

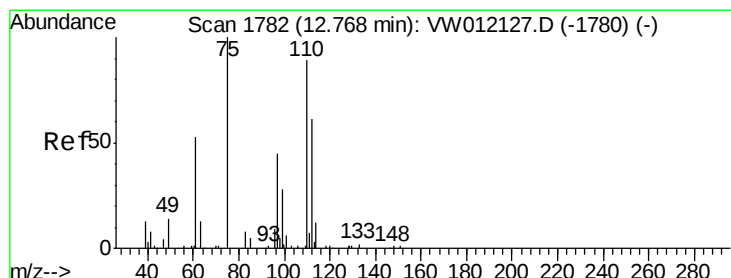
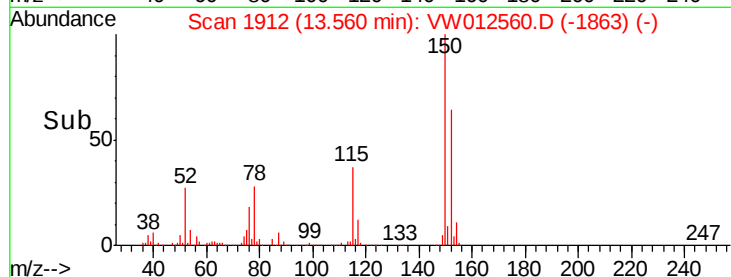
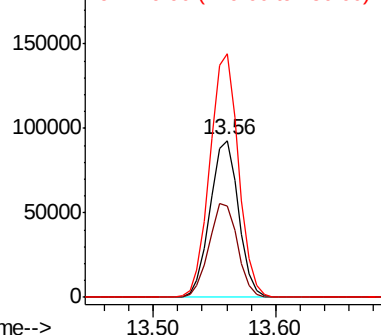


Abundance

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: 66.120 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW012560.D

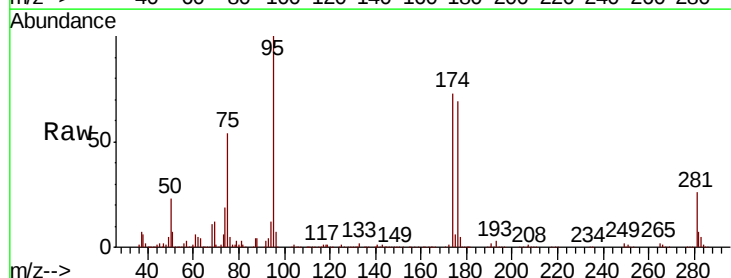
Acq: 03 Sep 2019 22:23

Tgt Ion: 75 Resp: 96761

Ion Ratio Lower Upper

75 100

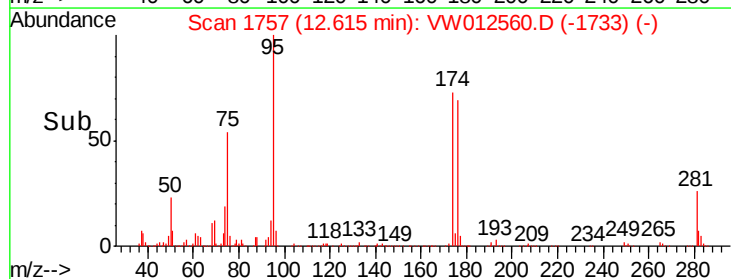
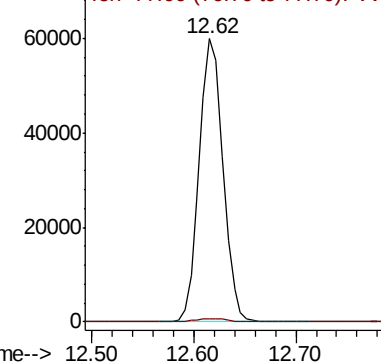
77 1.4 0.0 0.0#

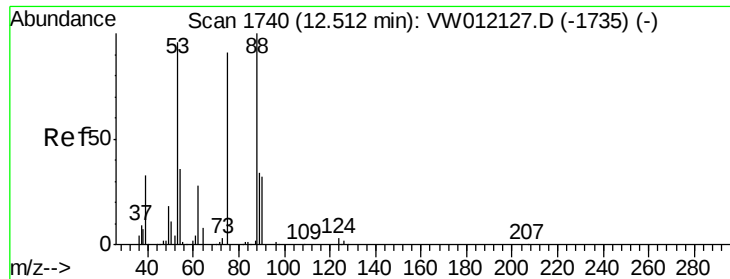


Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

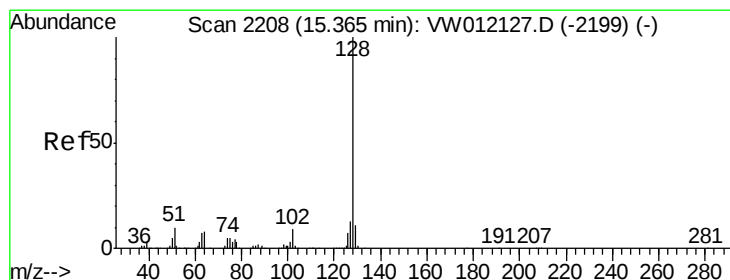
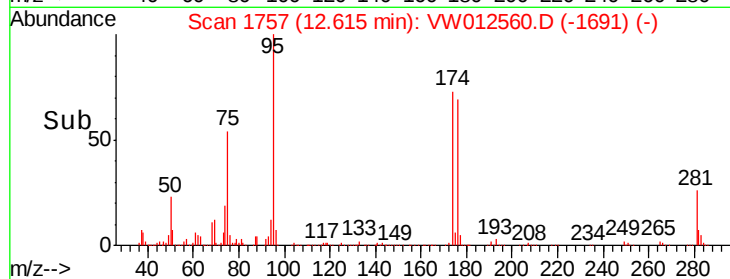
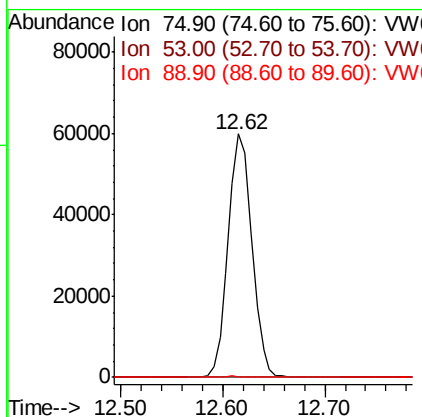
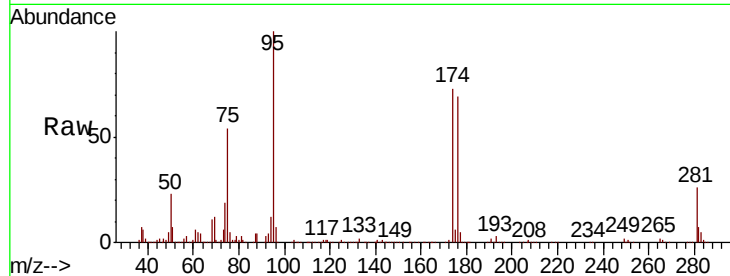




#81
trans-1,4-Dichloro-2-butene
Concen: 144.971 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW012560.D
Acq: 03 Sep 2019 22:23

Instrument :
MSVOA_W
ClientSampleId :
VW0903SBL02

Tgt Ion: 75 Resp: 96761
Ion Ratio Lower Upper
75 100
53 0.1 89.4 134.0#
89 0.4 34.5 51.7#



#95
Naphthalene
Concen: 4.461 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW012560.D
Acq: 03 Sep 2019 22:23

Tgt Ion: 128 Resp: 866
Ion Ratio Lower Upper
128 100
127 4.7 10.7 16.1#
129 7.7 8.7 13.1#

