

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092319\
 Data File : VW013234.D
 Acq On : 23 Sep 2019 16:30
 Operator : SY/VA
 Sample : K4918-12
 Misc : 3.28G/5ML/MSVOA_W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-12

Quant Time: Sep 24 06:40:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	318619	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	478110	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	408515	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	185563	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	131498	50.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.14%	
35) Dibromofluoromethane	7.88	113	134973	51.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.66%	
50) Toluene-d8	10.32	98	561777	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.10%	
62) 4-Bromofluorobenzene	12.62	95	184363	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	

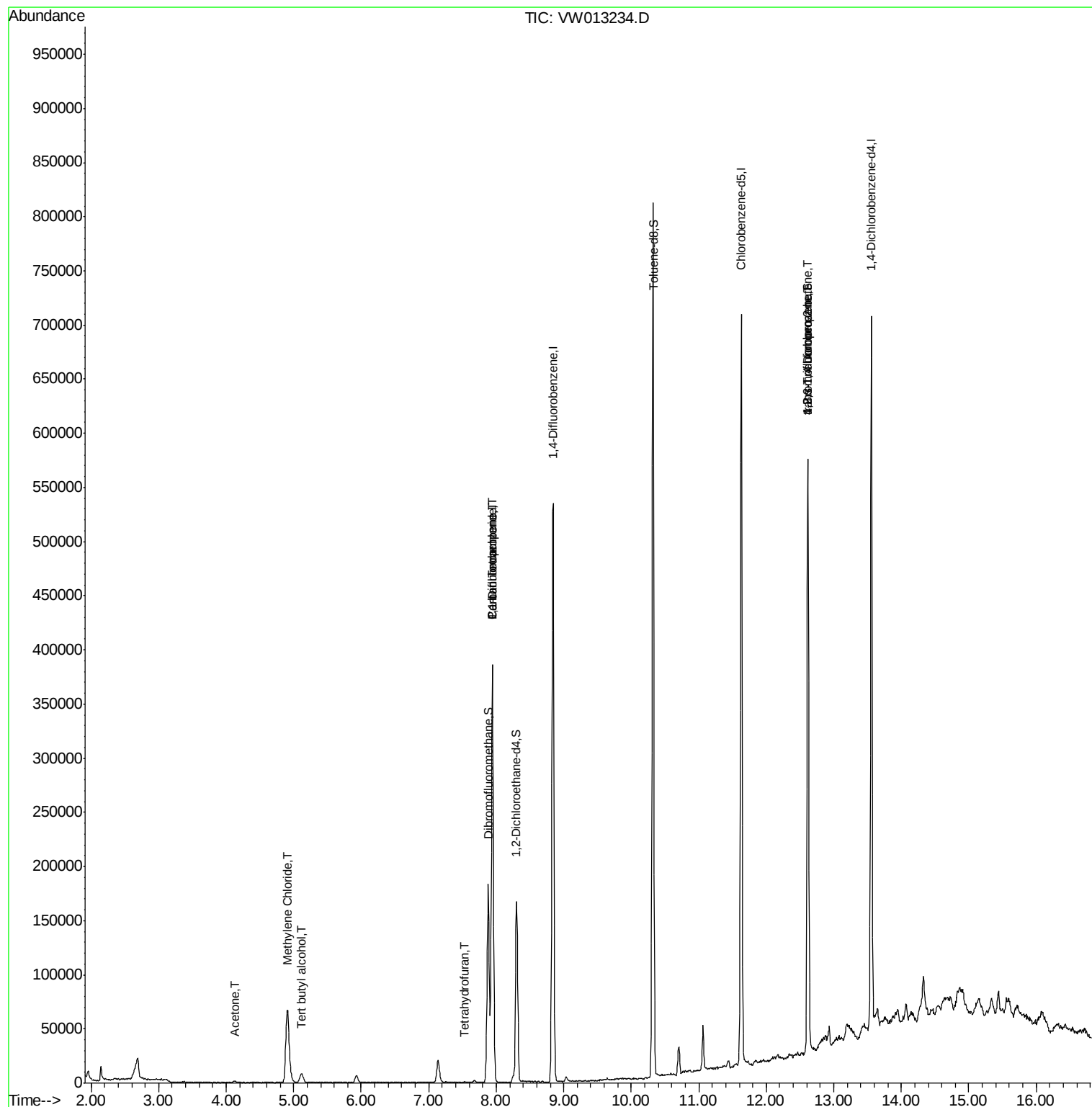
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.11	59	7826	33.034	ug/l #	73
16) Acetone	4.12	43	2673	4.558	ug/l	97
20) Methylene Chloride	4.90	84	60921	18.482	ug/l	99
26) 2,2-Dichloropropane	7.14	77	1727	Below Cal	#	52
29) Tetrahydrofuran	7.52	42	719	1.332	ug/l #	87
36) 1,1-Dichloropropene	7.94	75	21077	4.551	ug/l #	49
38) Carbon Tetrachloride	7.95	117	27670	6.665	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	84789	51.740	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	84789	116.099	ug/l #	12

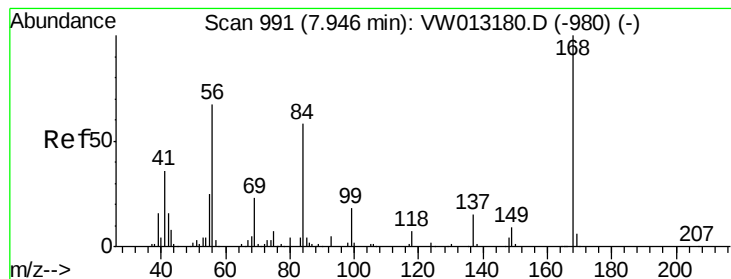
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW092319\
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Quant Time: Sep 24 06:40:40 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
Quant Title : SW846 8260
QLast Update : Fri Sep 20 15:58:08 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: VW013234.D

Acq: 23 Sep 2019 16:30

Instrument :

MSVOA_W

ClientSampleId :

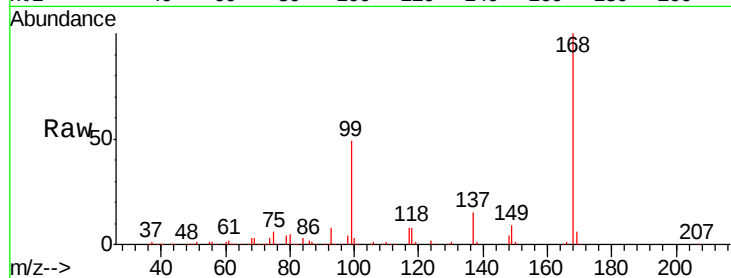
SB-12

Tgt Ion:168 Resp: 318619

Ion Ratio Lower Upper

168 100

99 49.3 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

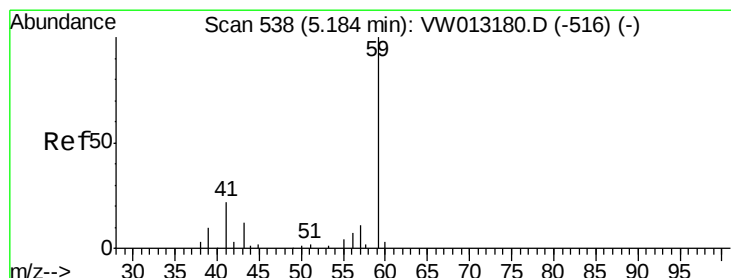
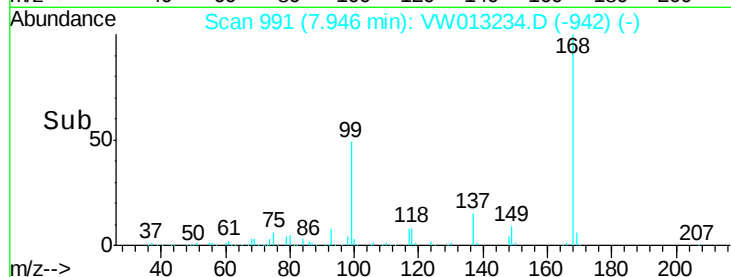
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#11

Tert butyl alcohol

Concen: 33.034 ug/l

RT: 5.11 min Scan# 526

Delta R.T. -0.07 min

Lab File: VW013234.D

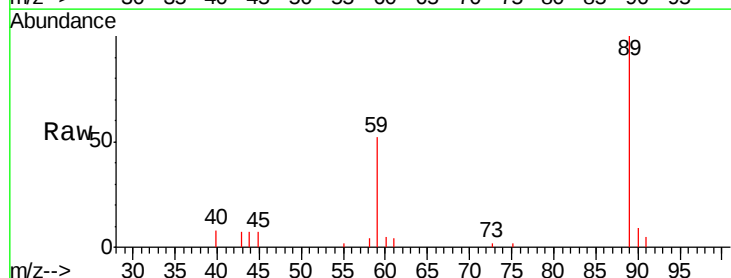
Acq: 23 Sep 2019 16:30

Tgt Ion: 59 Resp: 7826

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

2500

2000

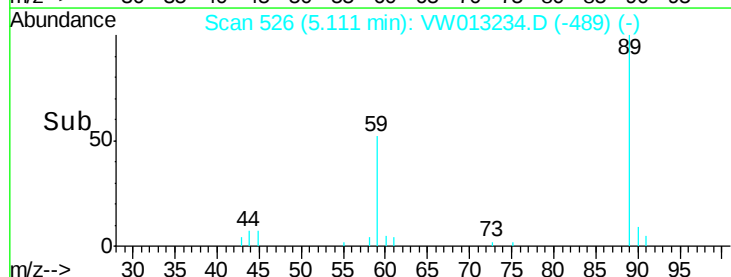
1500

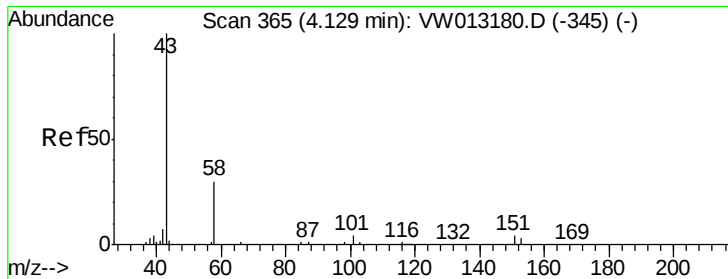
1000

500

0

Time--> 5.00 5.10 5.20





#16

Acetone

Concen: 4.558 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW013234.D

Acq: 23 Sep 2019 16:30

Instrument :

MSVOA_W

ClientSampleId :

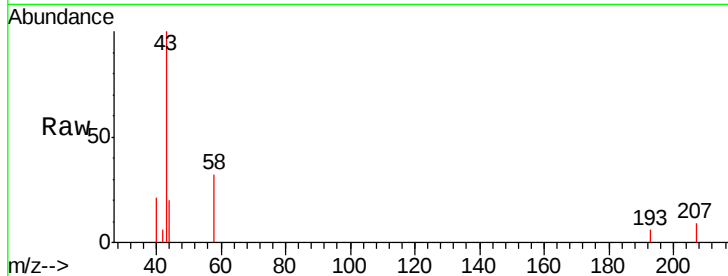
SB-12

Tgt Ion: 43 Resp: 2673

Ion Ratio Lower Upper

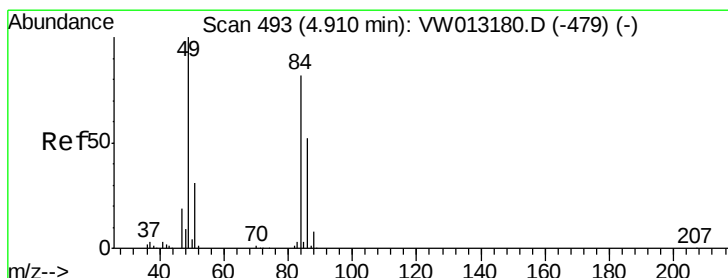
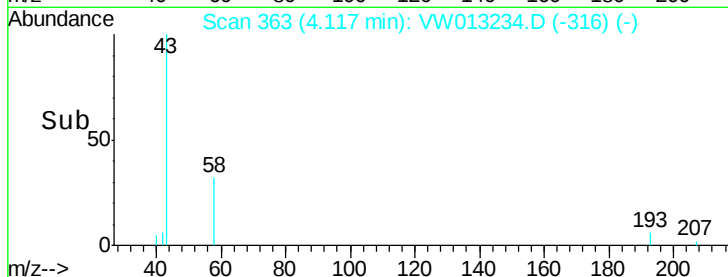
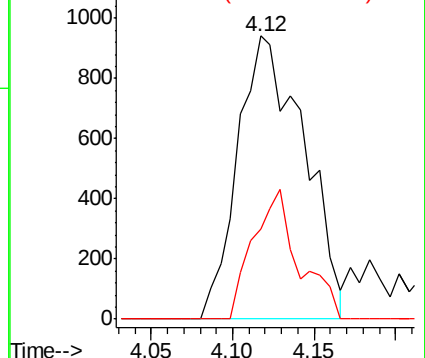
43 100

58 31.9 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: 18.482 ug/l

RT: 4.90 min Scan# 492

Delta R.T. -0.01 min

Lab File: VW013234.D

Acq: 23 Sep 2019 16:30

Tgt Ion: 84 Resp: 60921

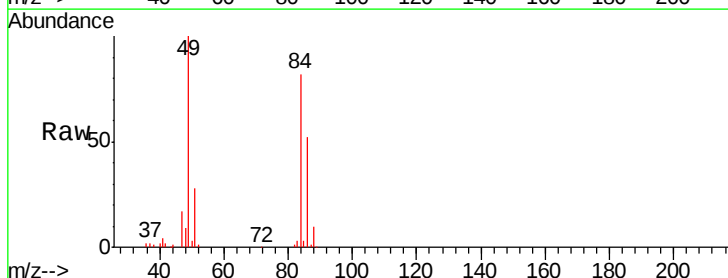
Ion Ratio Lower Upper

84 100

49 121.6 97.6 146.4

51 34.0 30.2 45.2

86 63.8 50.6 76.0

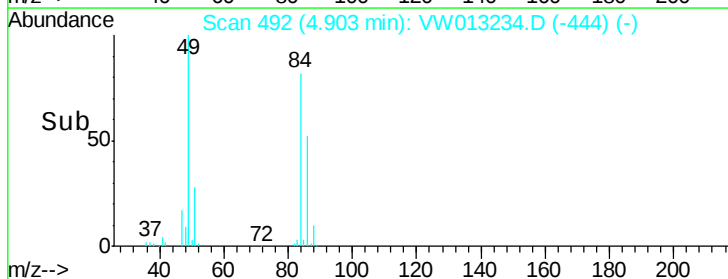
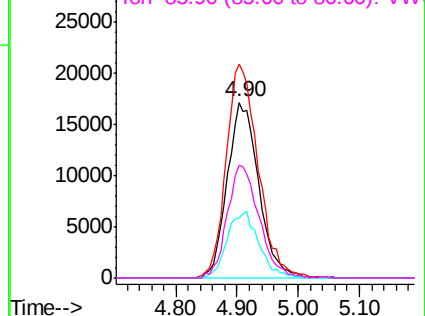


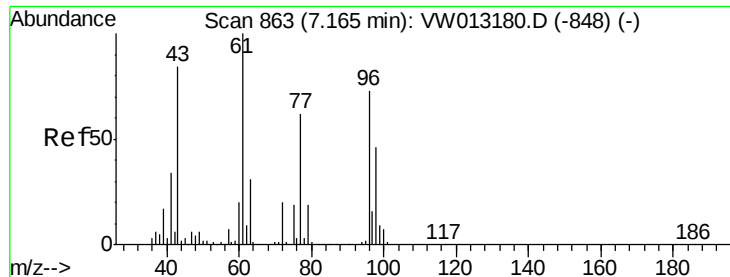
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

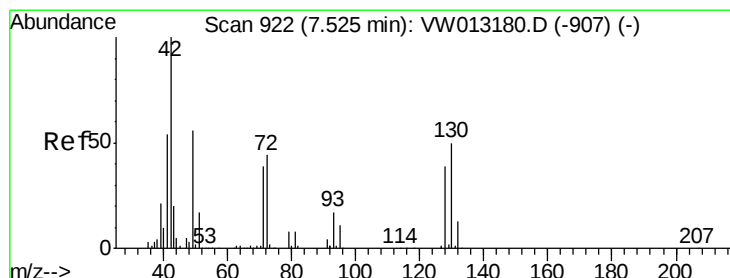
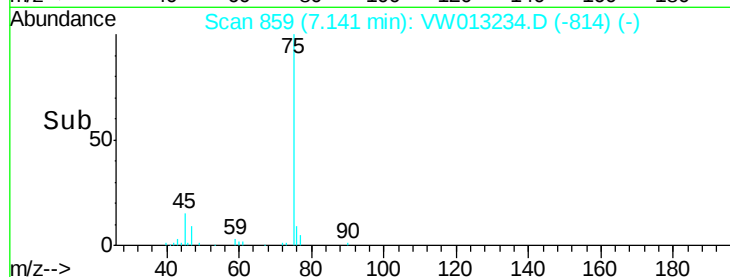
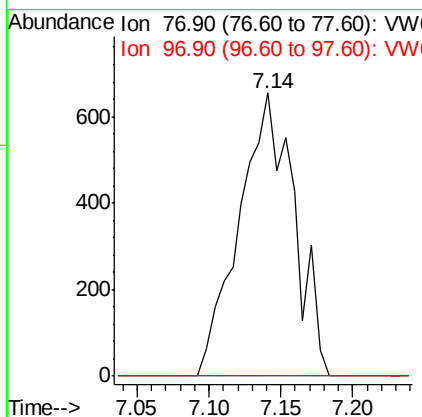
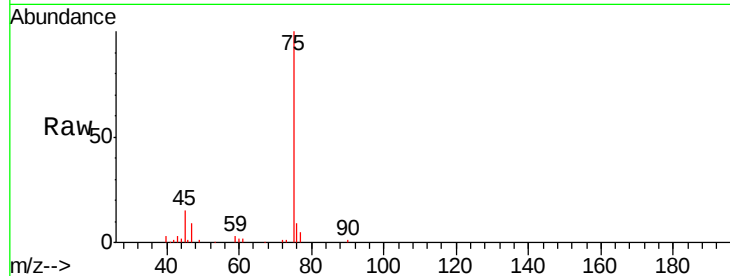




#26
 2,2-Dichloropropane
 Concen: Below Cal
 RT: 7.14 min Scan# 859
 Delta R.T. -0.02 min
 Lab File: VW013234.D
 Acq: 23 Sep 2019 16:30

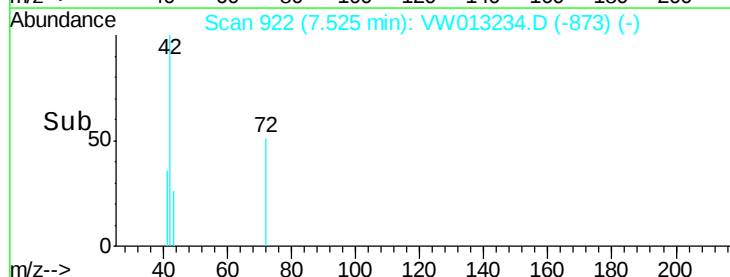
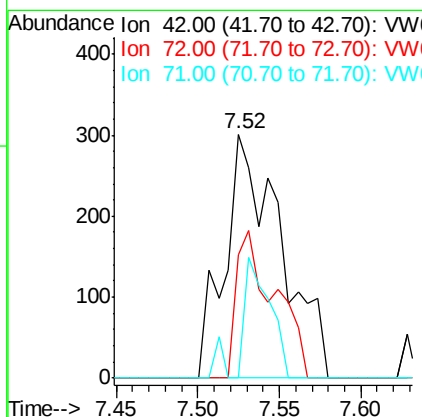
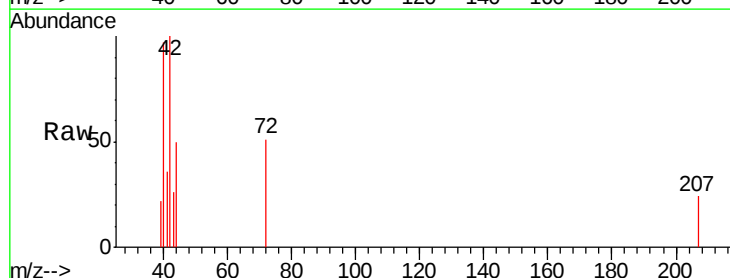
Instrument :
 MSVOA_W
 ClientSampled :
 SB-12

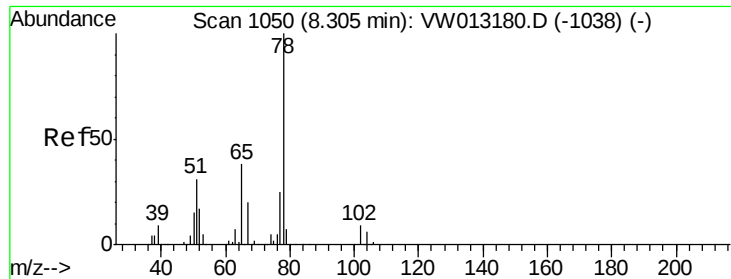
Tgt Ion: 77 Resp: 1727
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.8 35.4#



#29
 Tetrahydrofuran
 Concen: 1.332 ug/l
 RT: 7.52 min Scan# 922
 Delta R.T. 0.00 min
 Lab File: VW013234.D
 Acq: 23 Sep 2019 16:30

Tgt Ion: 42 Resp: 719
 Ion Ratio Lower Upper
 42 100
 72 41.0 33.9 50.9
 71 24.6 31.9 47.9#





#33

1,2-Dichloroethane-d4

Concen: 50.568 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013234.D

Acq: 23 Sep 2019 16:30

Instrument :

MSVOA_W

ClientSampleId :

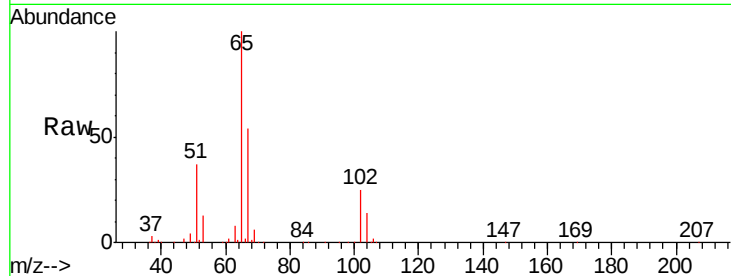
SB-12

Tgt Ion: 65 Resp: 131498

Ion Ratio Lower Upper

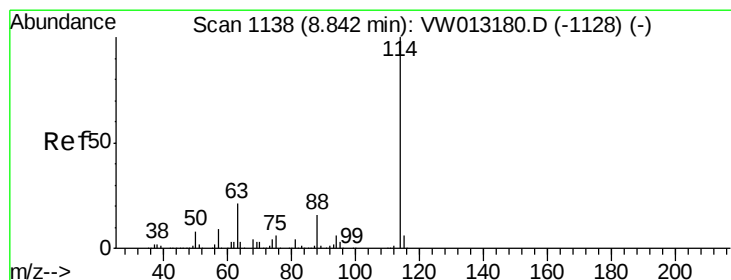
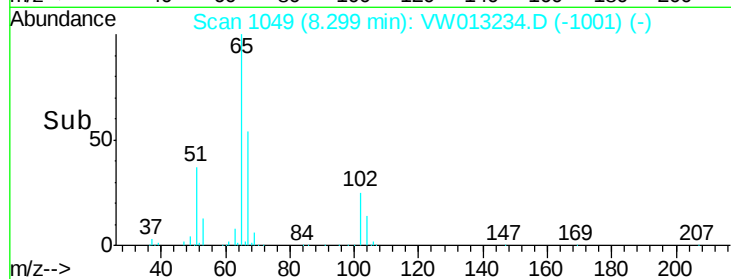
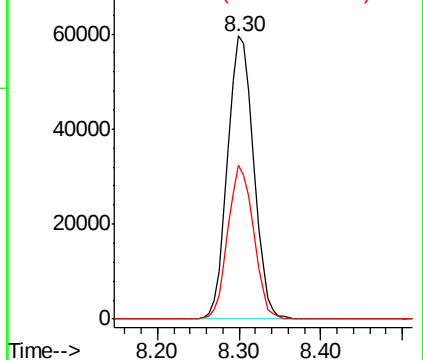
65 100

67 53.4 0.0 106.2



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: VW013234.D

Acq: 23 Sep 2019 16:30

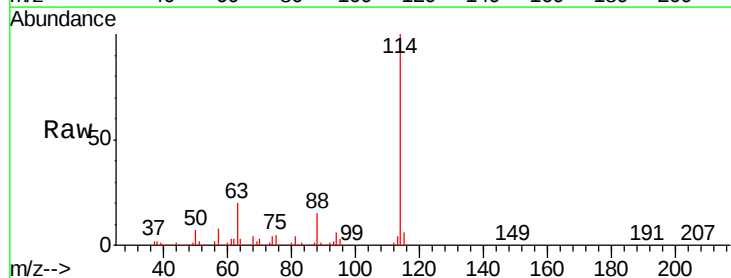
Tgt Ion: 114 Resp: 478110

Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.4

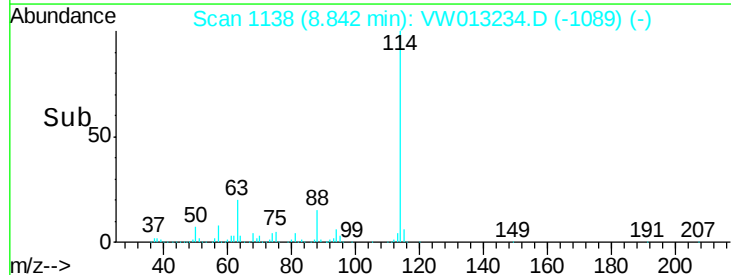
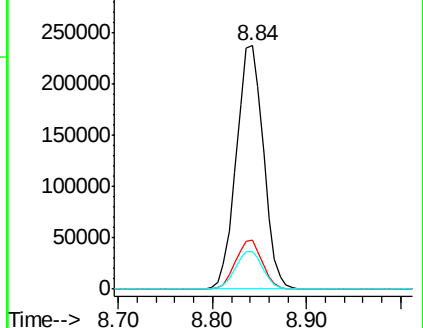
88 15.2 0.0 32.0

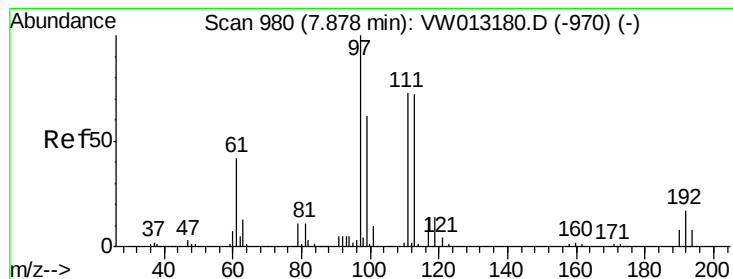


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW





#35

Dibromofluoromethane

Concen: 51.328 ug/l

RT: 7.88 min Scan# 980

Delta R.T. 0.00 min

Lab File: VW013234.D

Acq: 23 Sep 2019 16:30

Instrument :

MSVOA_W

ClientSampled :

SB-12

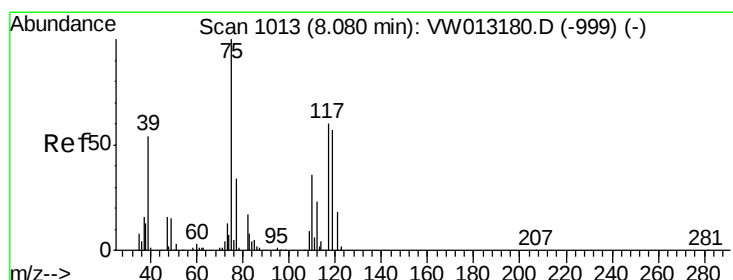
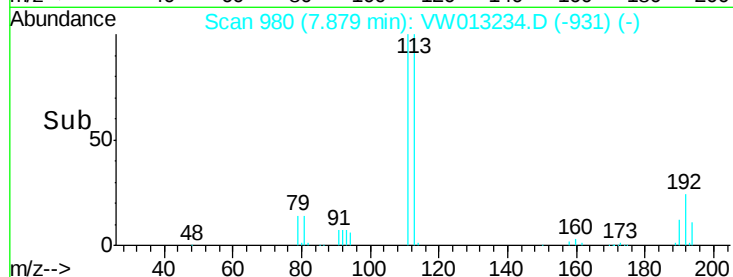
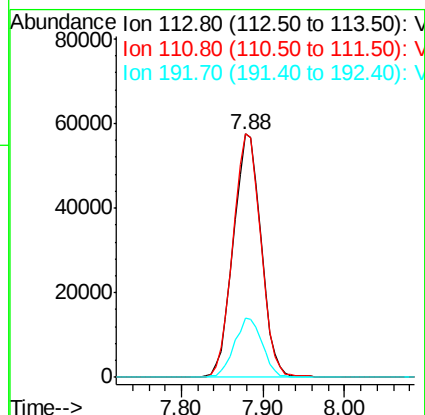
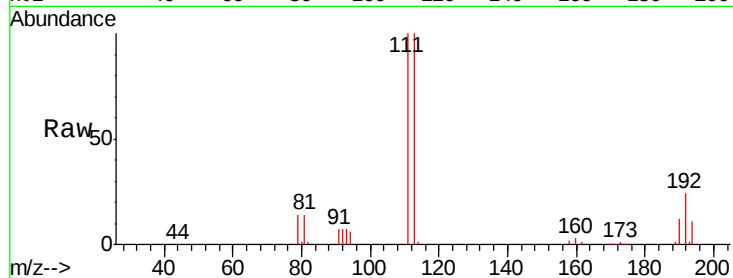
Tgt Ion:113 Resp: 134973

Ion Ratio Lower Upper

113 100

111 100.4 81.9 122.9

192 24.3 19.1 28.7



#36

1,1-Dichloropropene

Concen: 4.551 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.14 min

Lab File: VW013234.D

Acq: 23 Sep 2019 16:30

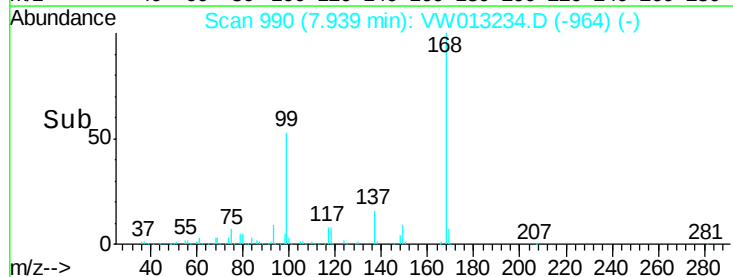
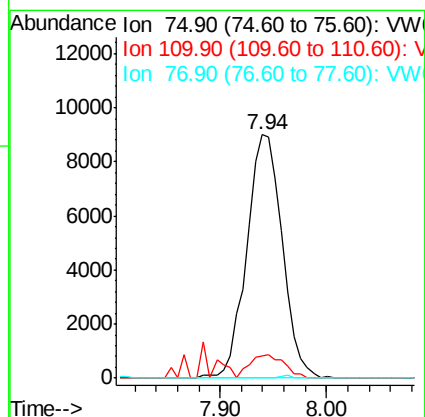
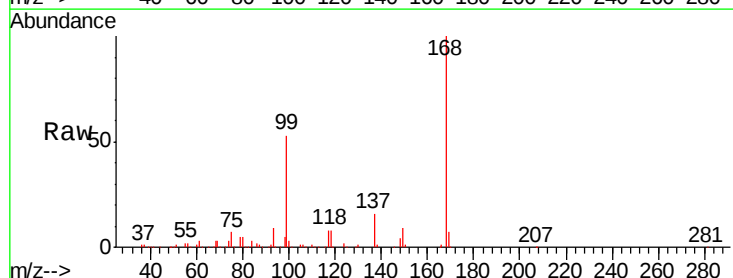
Tgt Ion: 75 Resp: 21077

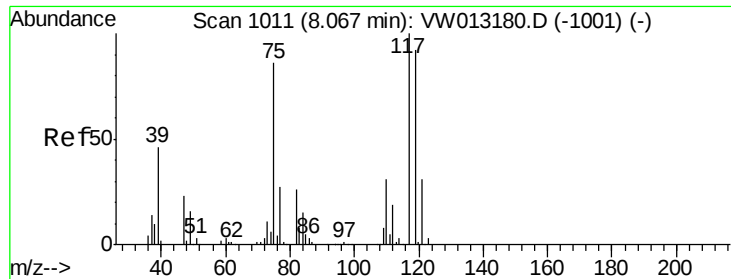
Ion Ratio Lower Upper

75 100

110 9.5 18.1 54.3#

77 0.0 25.8 38.6#

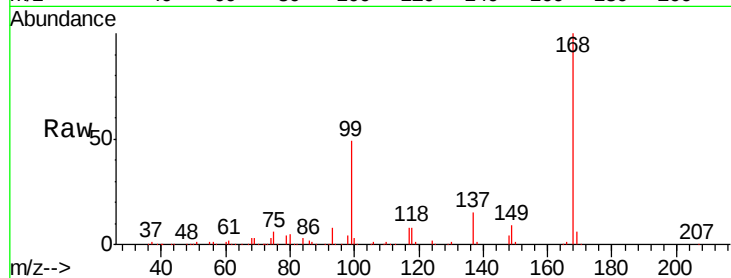




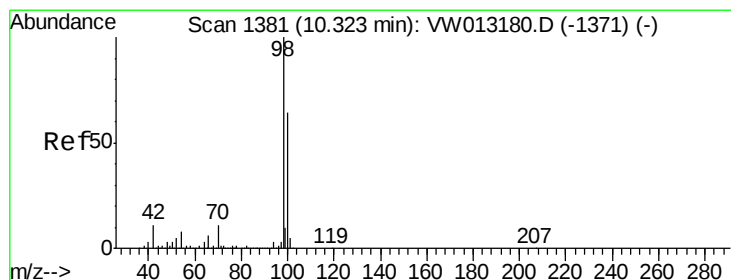
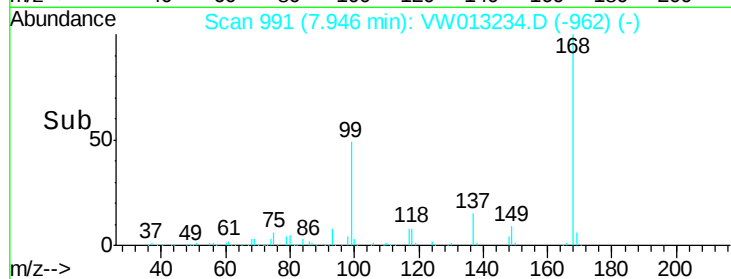
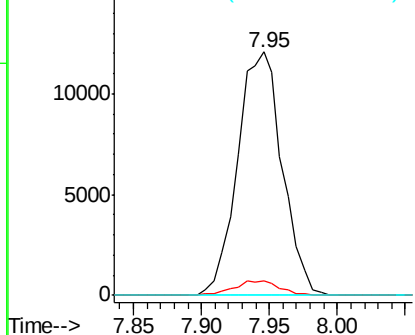
#38
Carbon Tetrachloride
Concen: 6.665 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW013234.D
Acq: 23 Sep 2019 16:30

Instrument :
MSVOA_W
ClientSampleId :
SB-12

Tgt Ion:117 Resp: 27670
Ion Ratio Lower Upper
117 100
119 6.1 73.5 110.3#
121 0.0 25.0 37.6#

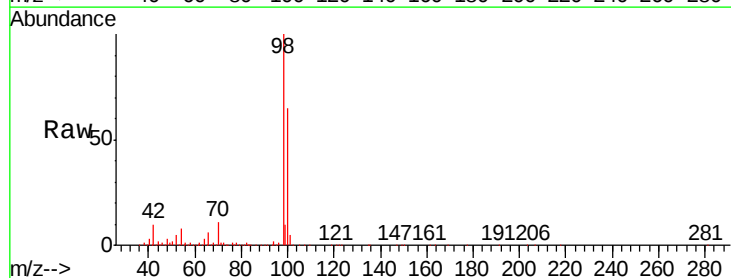


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

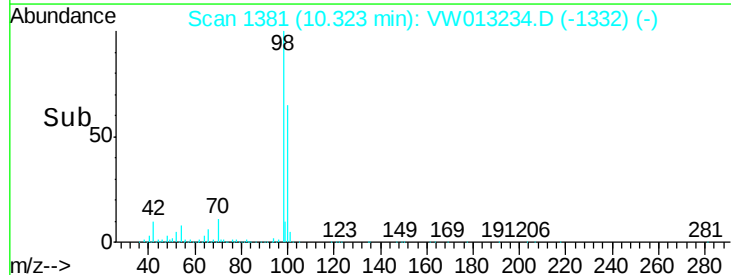
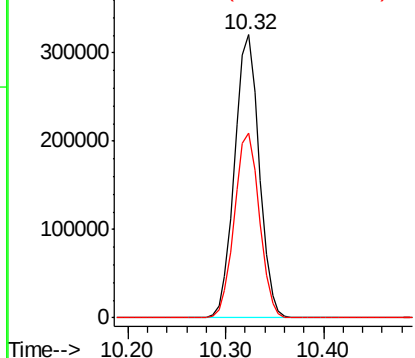


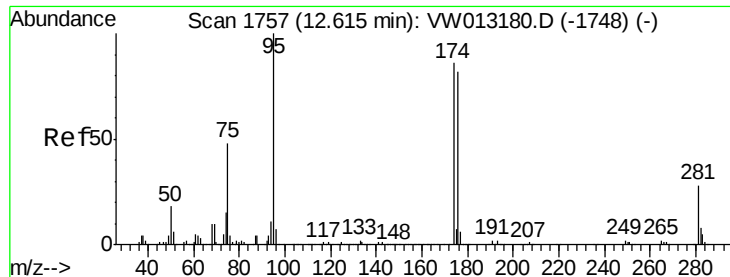
#50
Toluene-d8
Concen: 51.046 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW013234.D
Acq: 23 Sep 2019 16:30

Tgt Ion: 98 Resp: 561777
Ion Ratio Lower Upper
98 100
100 66.3 52.9 79.3



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





#62

4-Bromofluorobenzene

Concen: 49.042 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013234.D

Acq: 23 Sep 2019 16:30

Instrument :

MSVOA_W

ClientSampleId :

SB-12

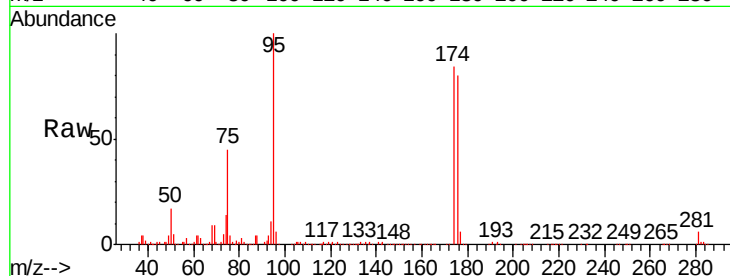
Tgt Ion: 95 Resp: 184363

Ion Ratio Lower Upper

95 100

174 86.6 0.0 178.4

176 84.4 0.0 172.2



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

12.62

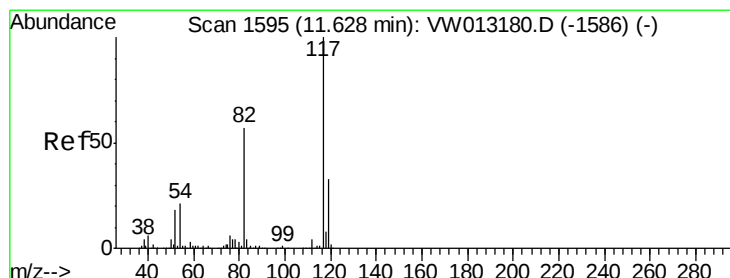
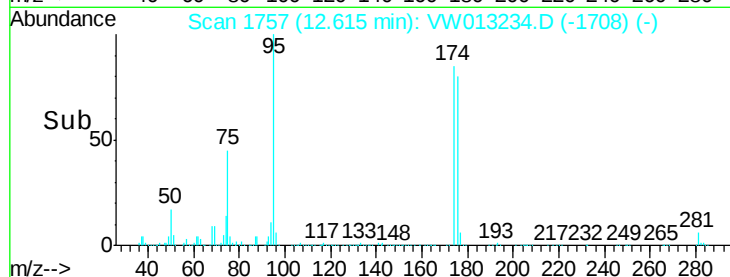
100000

50000

0

Time-->

12.50 12.60 12.70



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. 0.00 min

Lab File: VW013234.D

Acq: 23 Sep 2019 16:30

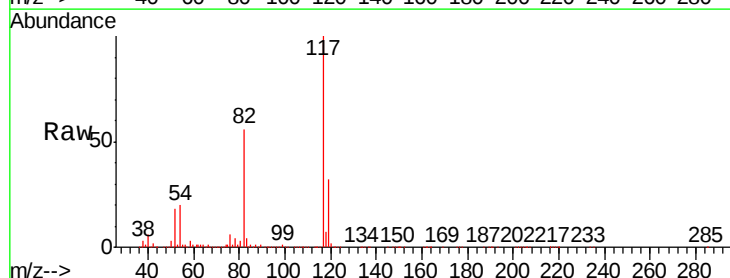
Tgt Ion: 117 Resp: 408515

Ion Ratio Lower Upper

117 100

82 55.6 45.9 68.9

119 31.3 26.2 39.2



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

11.63

300000

250000

200000

150000

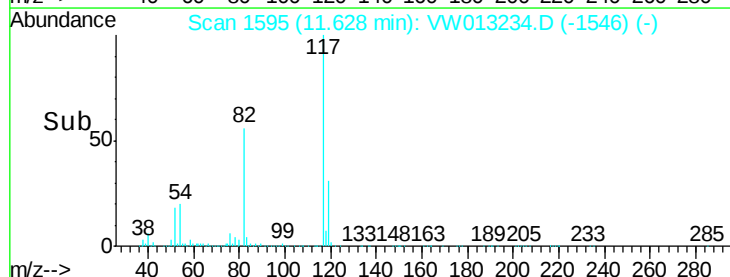
100000

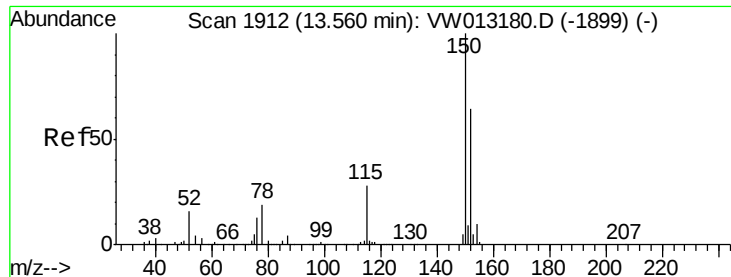
50000

0

Time-->

11.50 11.60 11.70



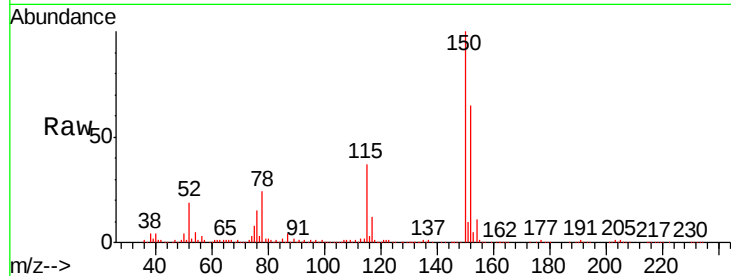


#72

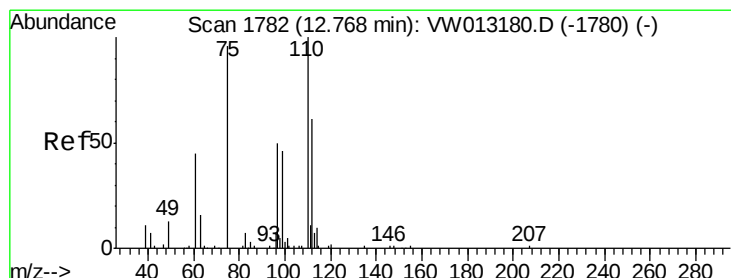
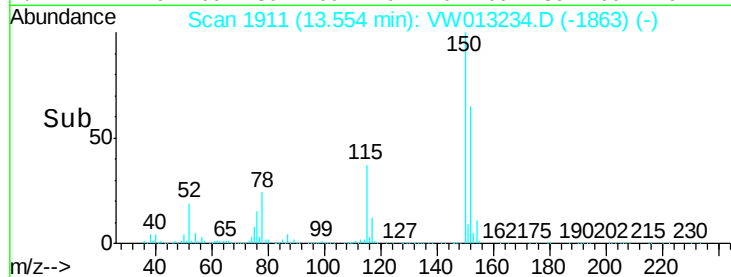
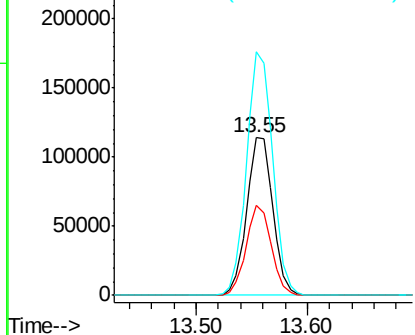
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013234.D
Acq: 23 Sep 2019 16:30

Instrument :
MSVOA_W
ClientSampled :
SB-12

Tgt Ion: 152 Resp: 185563
Ion Ratio Lower Upper
152 100
115 54.5 27.3 81.9
150 155.4 0.0 349.0



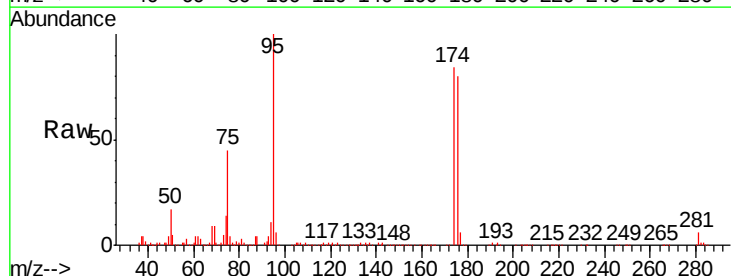
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



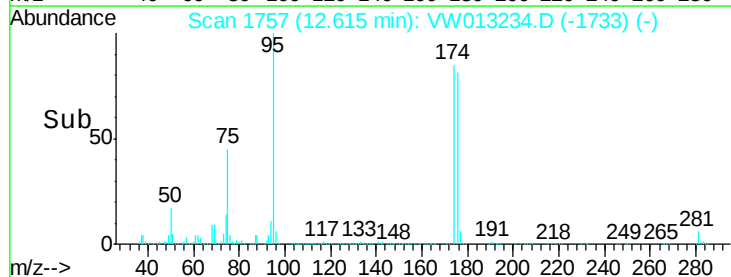
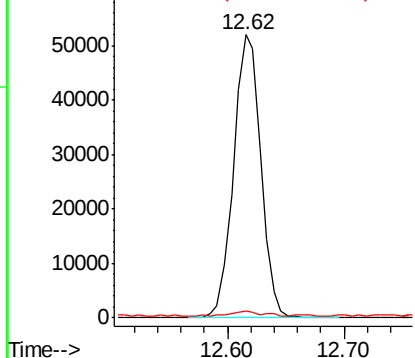
#76

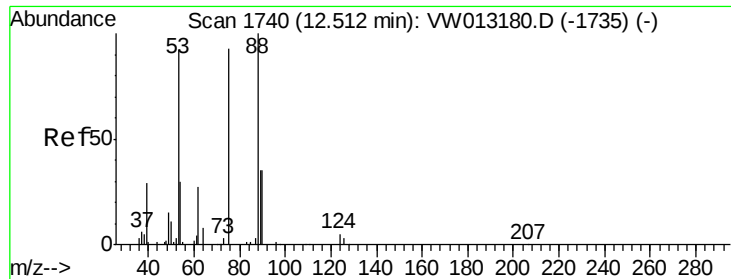
1,2,3-Trichloropropane
Concen: 51.740 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW013234.D
Acq: 23 Sep 2019 16:30

Tgt Ion: 75 Resp: 84789
Ion Ratio Lower Upper
75 100
77 2.2 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: 116.099 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW013234.D
 Acq: 23 Sep 2019 16:30

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-12

Tgt Ion: 75 Resp: 84789
 Ion Ratio Lower Upper
 75 100
 53 0.1 76.6 114.8#
 89 0.0 33.5 50.3#

