

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092319\
 Data File : VW013249.D
 Acq On : 24 Sep 2019 01:11
 Operator : SY/VA
 Sample : K4957-11
 Misc : 5.10G/5ML/MSVOA_W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-26-16.5-17.0

Quant Time: Sep 24 06:44:21 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	301069	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	444585	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	354158	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	125120	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	115911	47.17	ug/l	0.00
Spiked Amount			Recovery	=	94.34%	
35) Dibromofluoromethane	7.88	113	122956	50.28	ug/l	0.00
Spiked Amount			Recovery	=	100.56%	
50) Toluene-d8	10.32	98	504750	49.32	ug/l	0.00
Spiked Amount			Recovery	=	98.64%	
62) 4-Bromofluorobenzene	12.62	95	138687	39.67	ug/l	0.00
Spiked Amount			Recovery	=	79.34%	

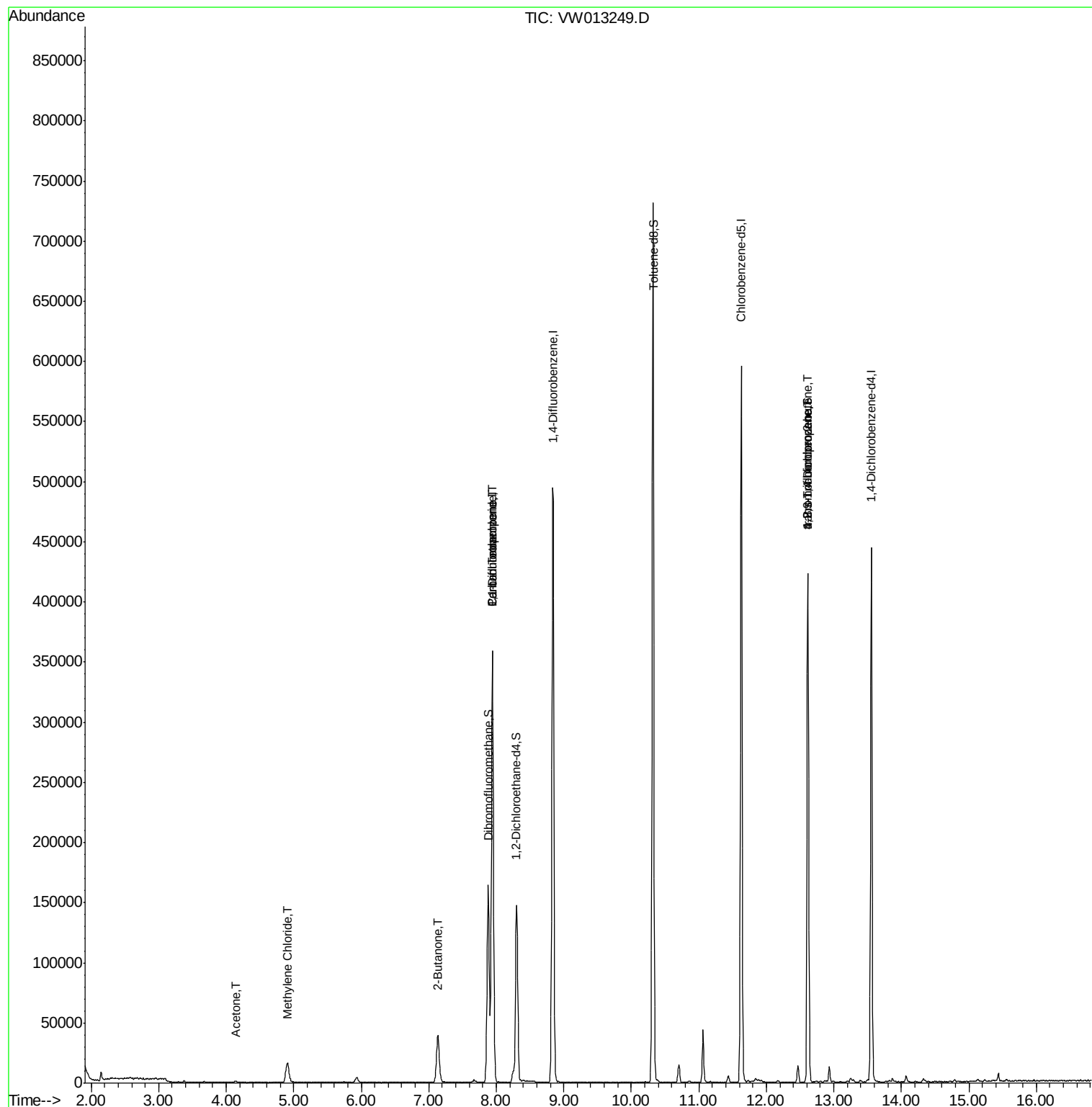
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.17	59	551	Below Cal	#	73
16) Acetone	4.14	43	2261	4.080	ug/l	94
20) Methylene Chloride	4.90	84	13446	1.953	ug/l	93
25) 2-Butanone	7.13	43	2105	2.531	ug/l #	79
26) 2,2-Dichloropropane	7.13	77	2670	Below Cal	#	52
36) 1,1-Dichloropropene	7.94	75	19454	4.518	ug/l #	49
38) Carbon Tetrachloride	7.95	117	25583	6.627	ug/l #	19
76) 1,2,3-Trichloropropane	12.62	75	66314	60.014	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	66314	134.666	ug/l #	12

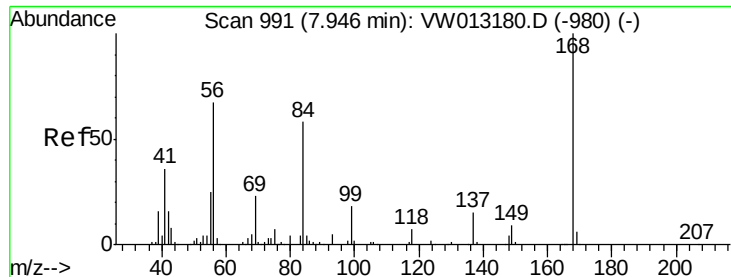
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW092319\
Data File : VW013249.D
Acq On : 24 Sep 2019 01:11
Operator : SY/VA
Sample : K4957-11
Misc : 5.10G/5ML/MSVOA_W/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SB-26-16.5-17.0

Quant Time: Sep 24 06:44:21 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: VW013249.D

Acq: 24 Sep 2019 01:11

Instrument :

MSVOA_W

ClientSampleId :

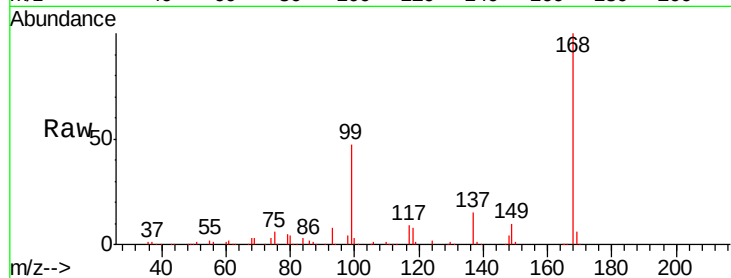
SB-26-16.5-17.0

Tgt Ion:168 Resp: 301069

Ion Ratio Lower Upper

168 100

99 47.1 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

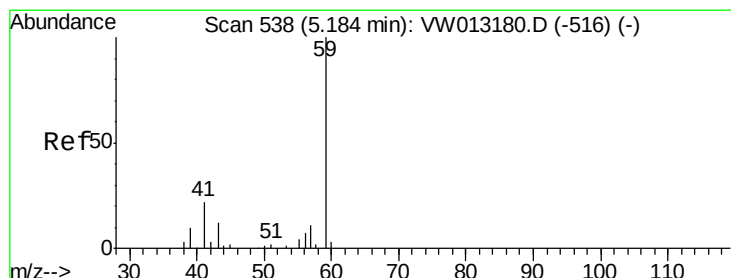
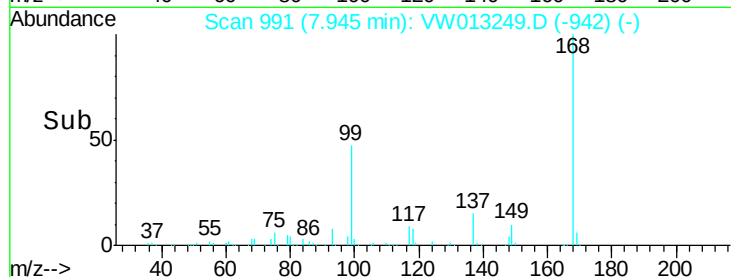
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.17 min Scan# 535

Delta R.T. -0.02 min

Lab File: VW013249.D

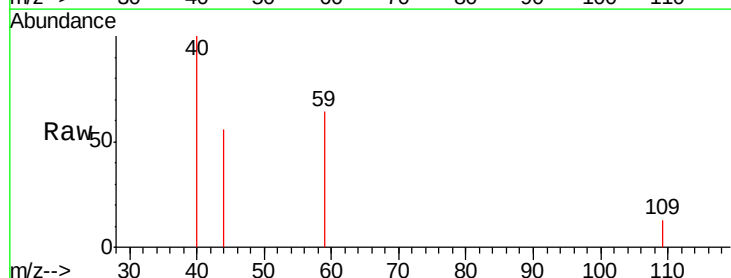
Acq: 24 Sep 2019 01:11

Tgt Ion: 59 Resp: 551

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

5.17

300

250

200

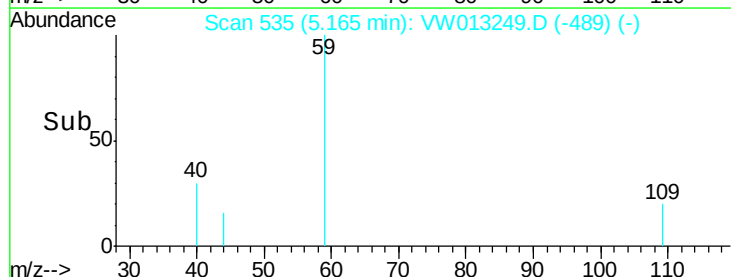
150

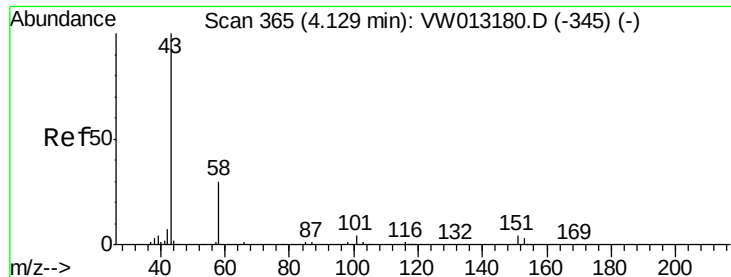
100

50

0

Time-->





#16

Acetone

Concen: 4.080 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW013249.D

Acq: 24 Sep 2019 01:11

Instrument :

MSVOA_W

ClientSampleId :

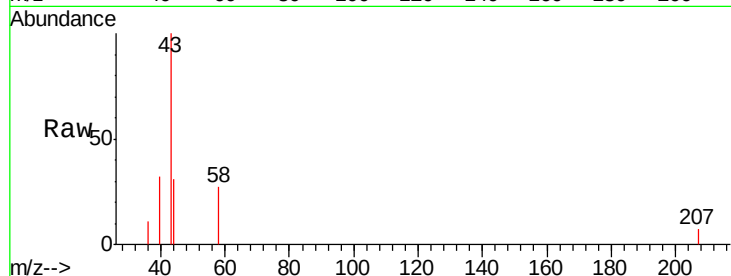
SB-26-16.5-17.0

Tgt Ion: 43 Resp: 2261

Ion Ratio Lower Upper

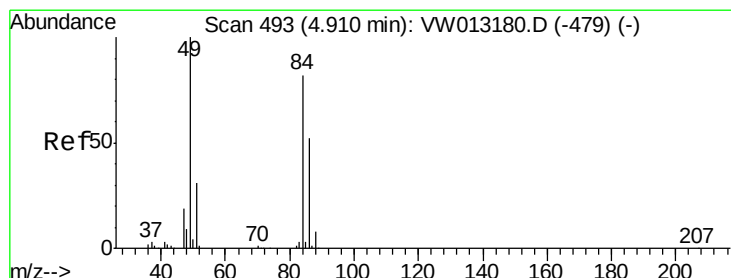
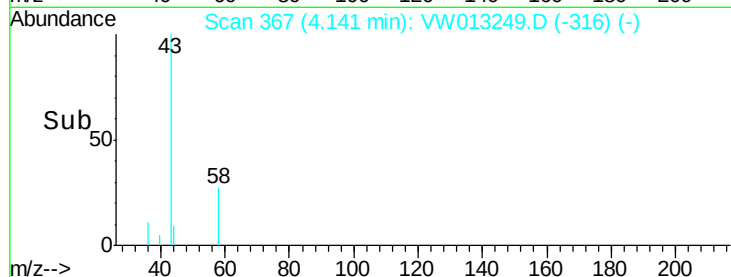
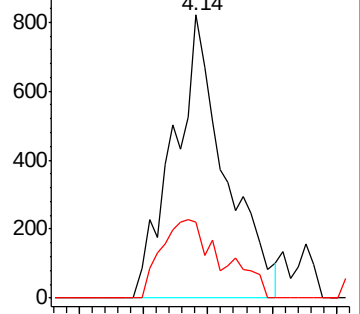
43 100

58 26.8 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: 1.953 ug/l

RT: 4.90 min Scan# 491

Delta R.T. -0.01 min

Lab File: VW013249.D

Acq: 24 Sep 2019 01:11

Tgt Ion: 84 Resp: 13446

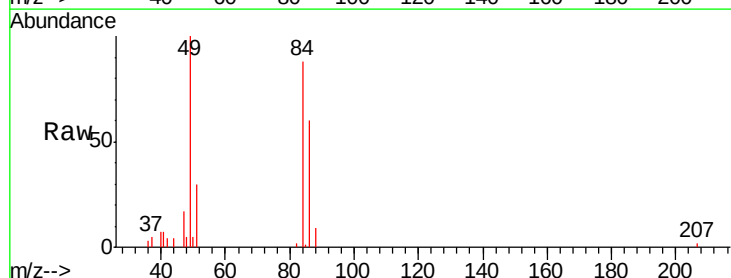
Ion Ratio Lower Upper

84 100

49 114.2 97.6 146.4

51 34.2 30.2 45.2

86 68.8 50.6 76.0

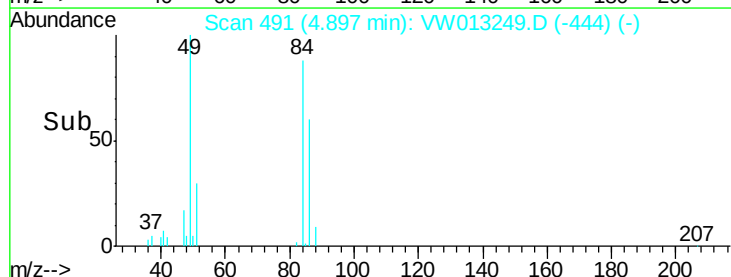
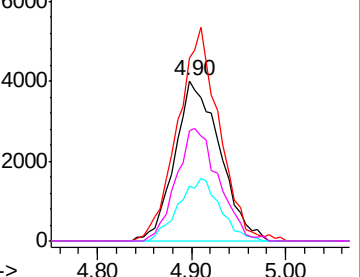


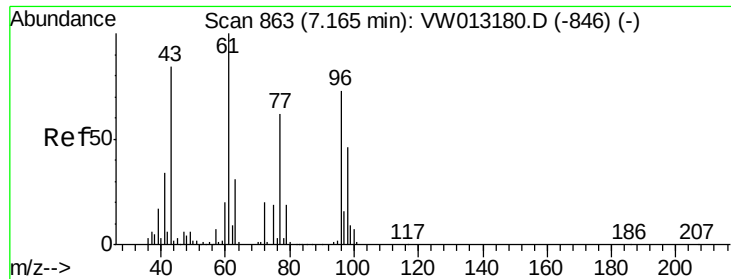
Abundance Ion 83.90 (83.60 to 84.60): VW

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





#25

2-Butanone

Concen: 2.531 ug/l

RT: 7.13 min Scan# 858

Delta R.T. -0.03 min

Lab File: VW013249.D

Acq: 24 Sep 2019 01:11

Instrument :

MSVOA_W

ClientSampleId :

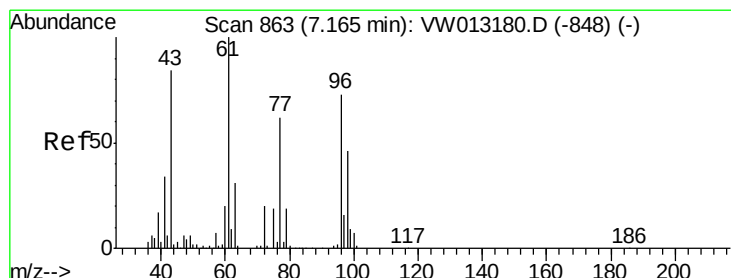
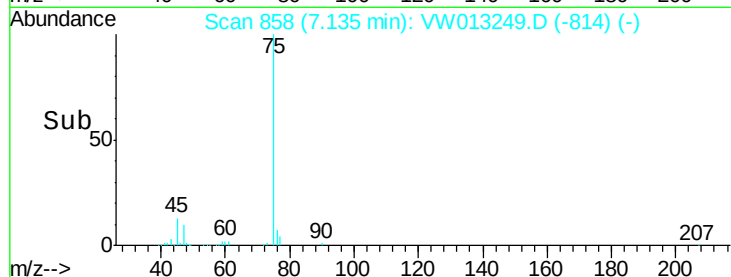
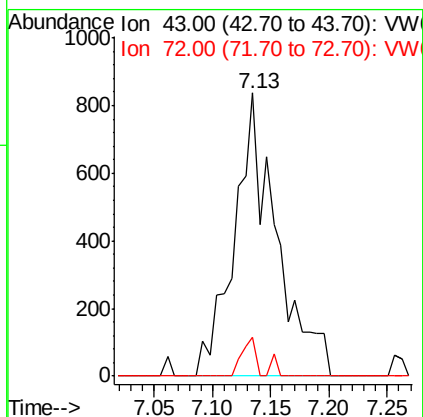
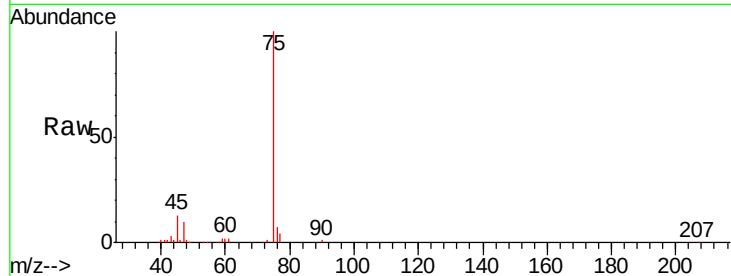
SB-26-16.5-17.0

Tgt Ion: 43 Resp: 2105

Ion Ratio Lower Upper

43 100

72 13.7 19.4 29.0#



#26

2,2-Dichloropropane

Concen: Below Cal

RT: 7.13 min Scan# 857

Delta R.T. -0.04 min

Lab File: VW013249.D

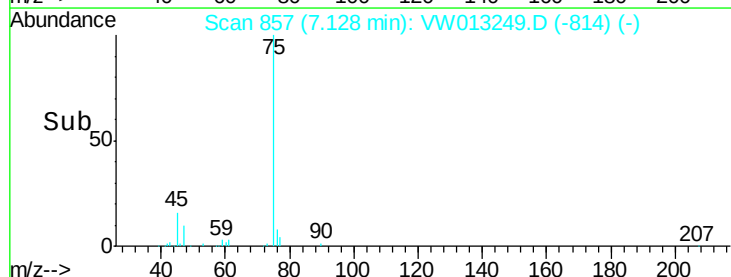
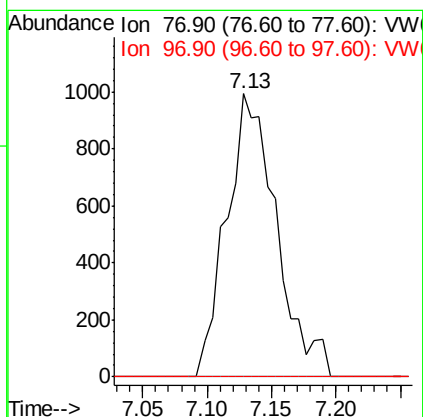
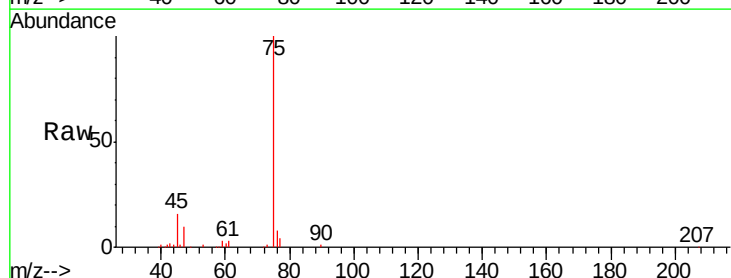
Acq: 24 Sep 2019 01:11

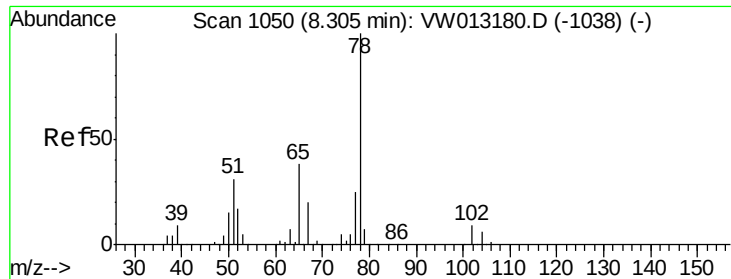
Tgt Ion: 77 Resp: 2670

Ion Ratio Lower Upper

77 100

97 0.0 11.8 35.4#

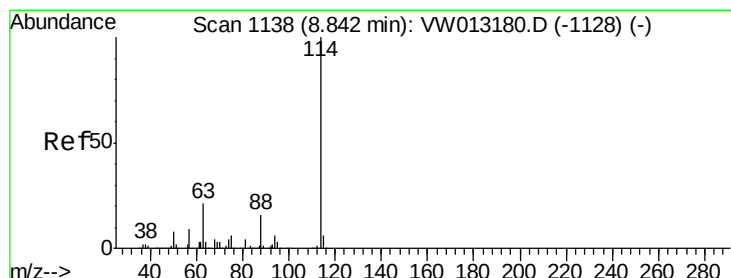
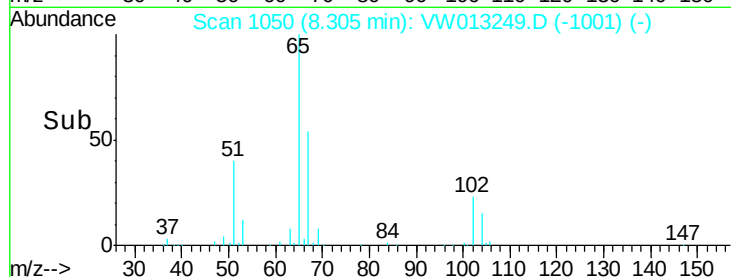
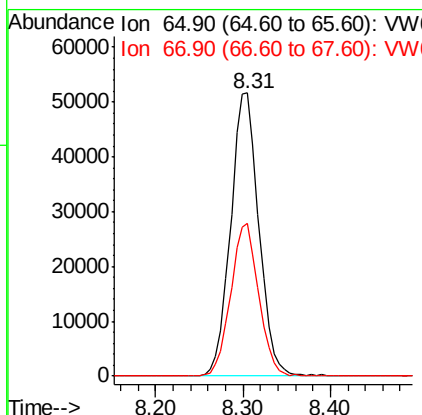
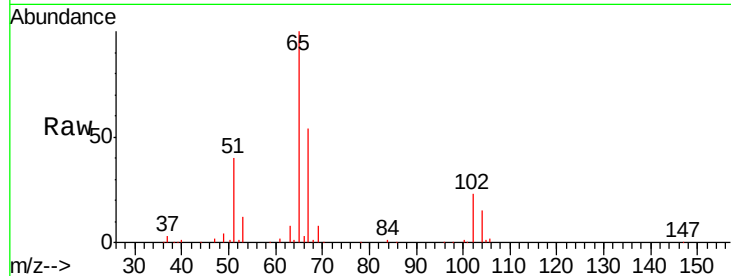




#33
 1,2-Dichloroethane-d4
 Concen: 47.173 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013249.D
 Acq: 24 Sep 2019 01:11

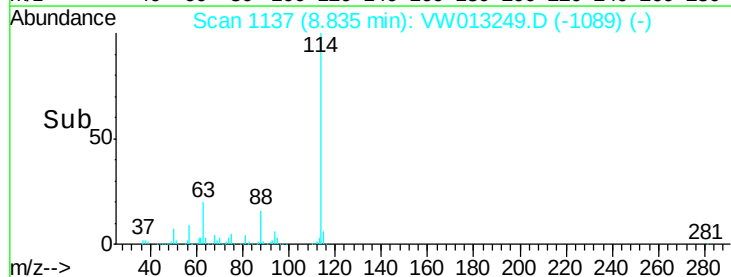
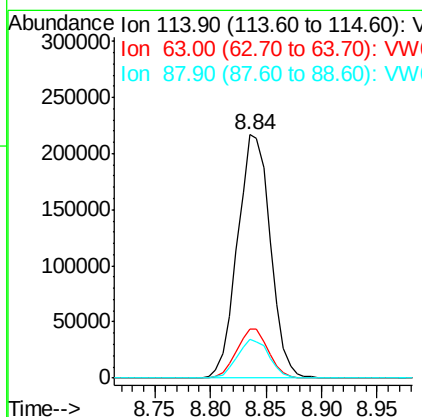
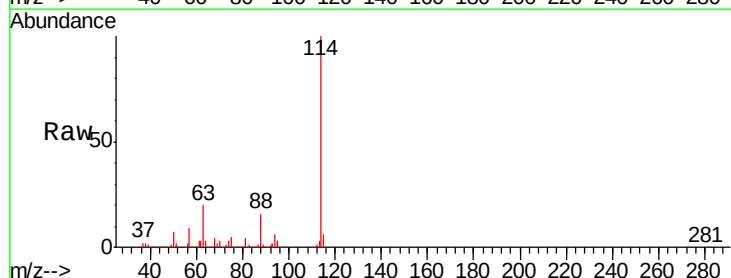
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-26-16.5-17.0

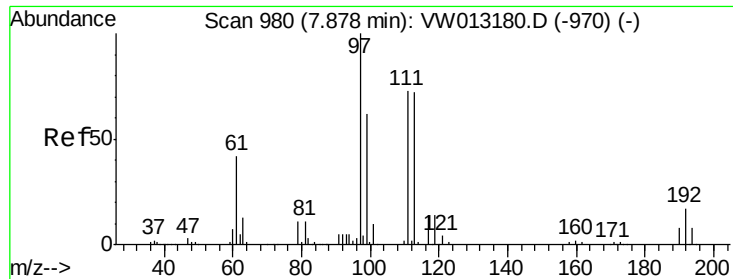
Tgt Ion: 65 Resp: 115911
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: VW013249.D
 Acq: 24 Sep 2019 01:11

Tgt Ion: 114 Resp: 444585
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 41.4
 88 15.9 0.0 32.0





#35

Dibromofluoromethane

Concen: 50.284 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW013249.D

Acq: 24 Sep 2019 01:11

Instrument :

MSVOA_W

ClientSampleId :

SB-26-16.5-17.0

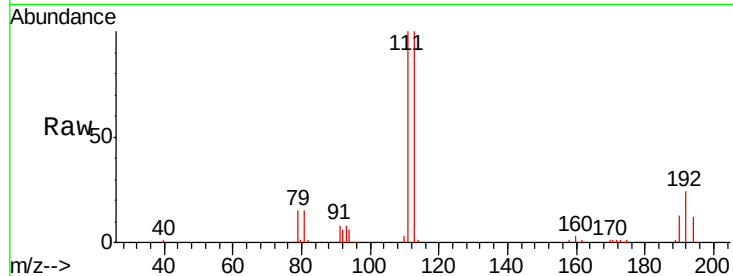
Tgt Ion:113 Resp: 122956

Ion Ratio Lower Upper

113 100

111 101.0 81.9 122.9

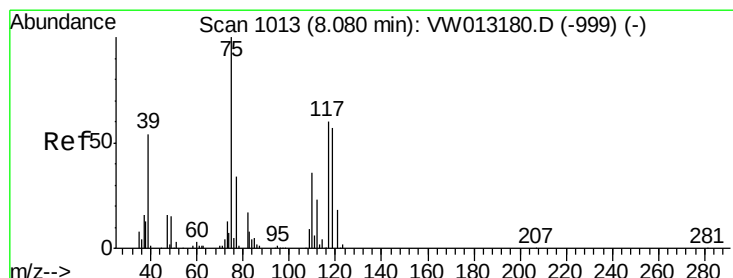
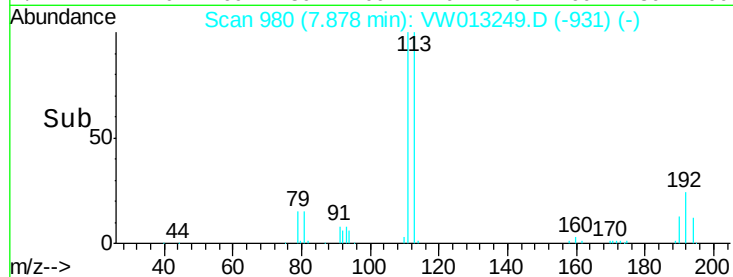
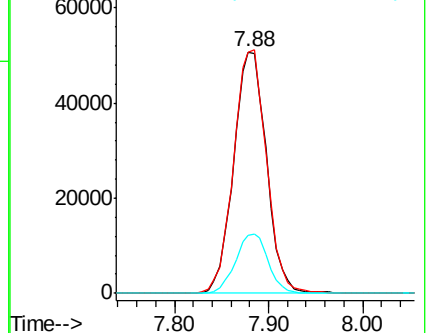
192 24.4 19.1 28.7



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: 4.518 ug/l

RT: 7.94 min Scan# 990

Delta R.T. -0.14 min

Lab File: VW013249.D

Acq: 24 Sep 2019 01:11

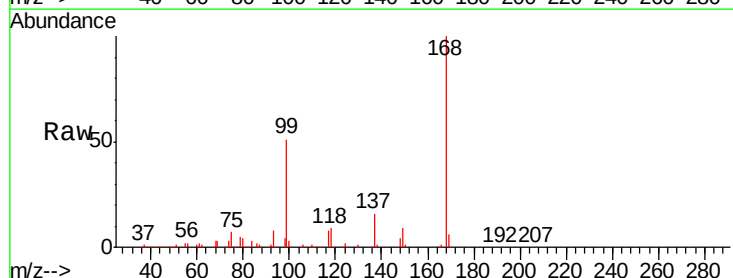
Tgt Ion: 75 Resp: 19454

Ion Ratio Lower Upper

75 100

110 9.5 18.1 54.3#

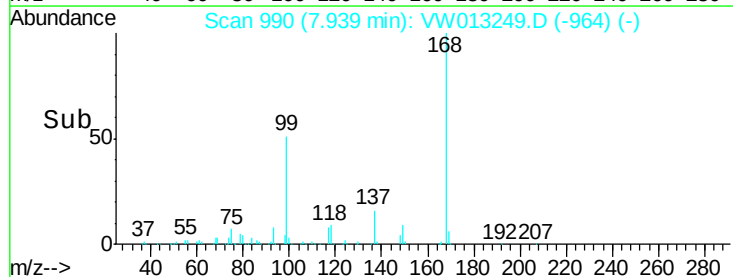
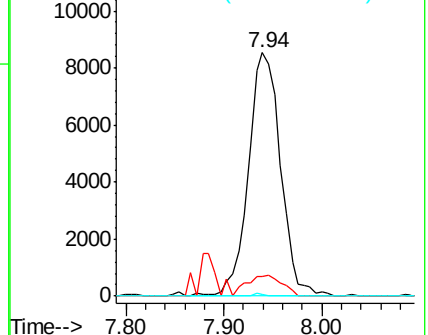
77 0.3 25.8 38.6#

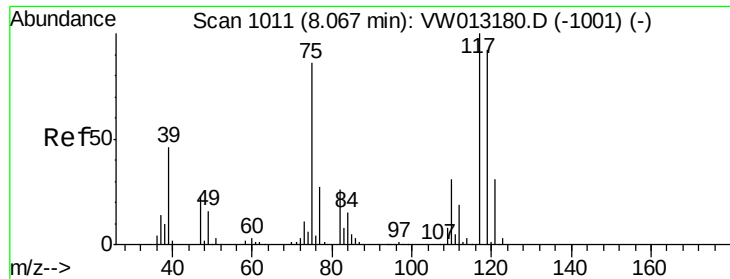


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VW

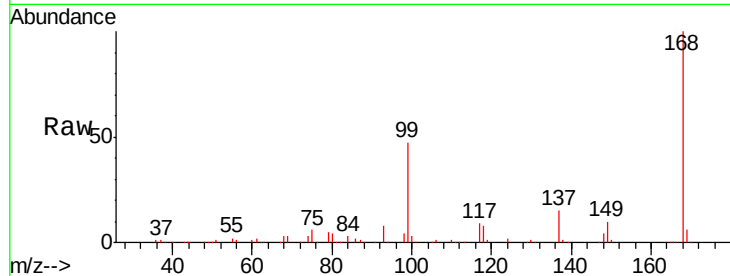




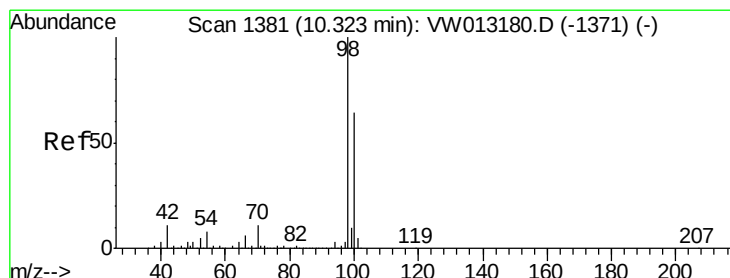
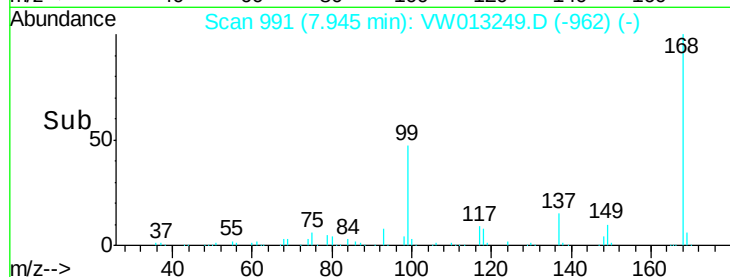
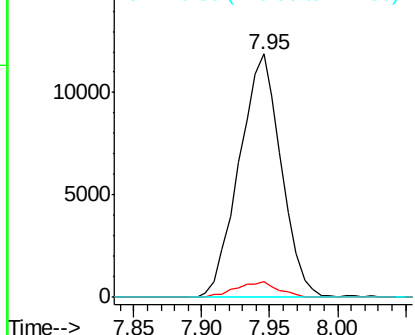
#38
Carbon Tetrachloride
Concen: 6.627 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW013249.D
Acq: 24 Sep 2019 01:11

Instrument :
MSVOA_W
ClientSampleId :
SB-26-16.5-17.0

Tgt Ion:117 Resp: 25583
Ion Ratio Lower Upper
117 100
119 6.3 73.5 110.3#
121 0.0 25.0 37.6#

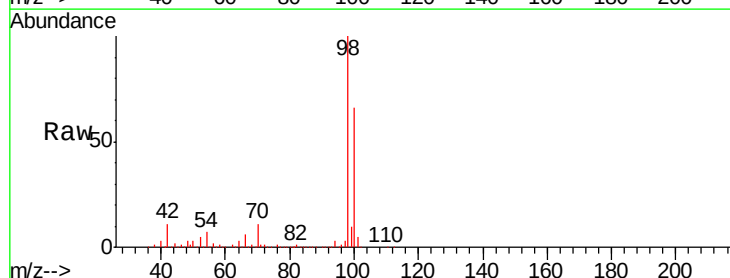


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

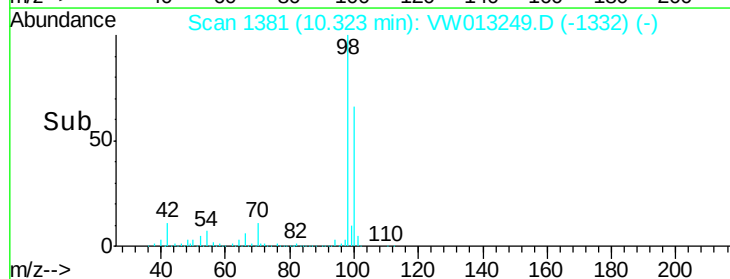
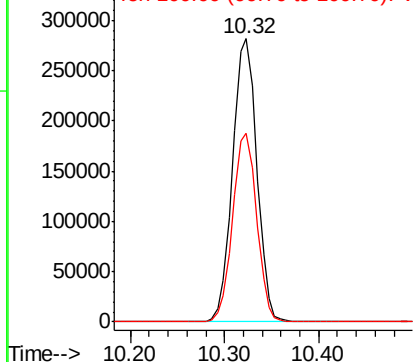


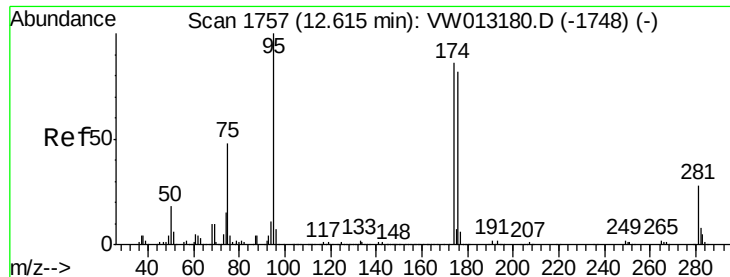
#50
Toluene-d8
Concen: 49.323 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013249.D
Acq: 24 Sep 2019 01:11

Tgt Ion: 98 Resp: 504750
Ion Ratio Lower Upper
98 100
100 66.2 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: 39.674 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013249.D

Acq: 24 Sep 2019 01:11

Instrument :

MSVOA_W

ClientSampleId :

SB-26-16.5-17.0

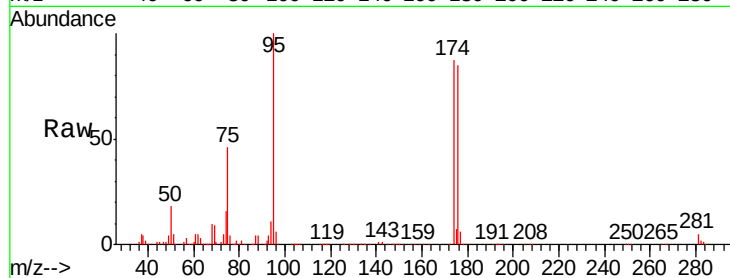
Tgt Ion: 95 Resp: 138687

Ion Ratio Lower Upper

95 100

174 90.5 0.0 178.4

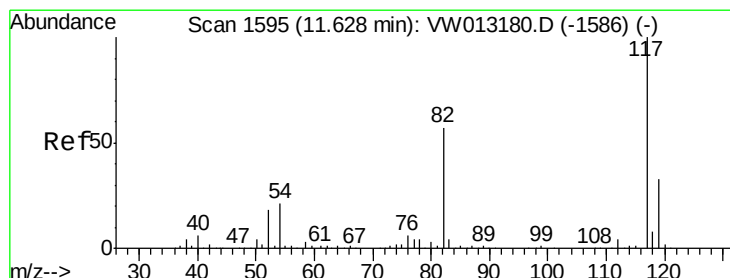
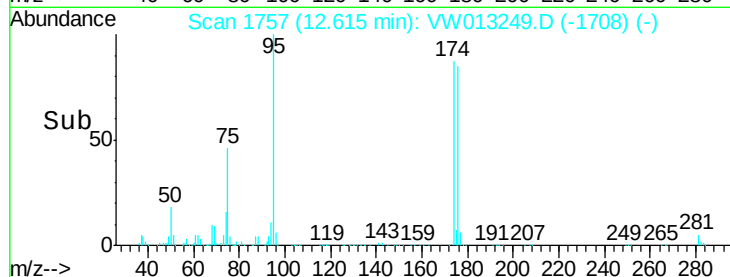
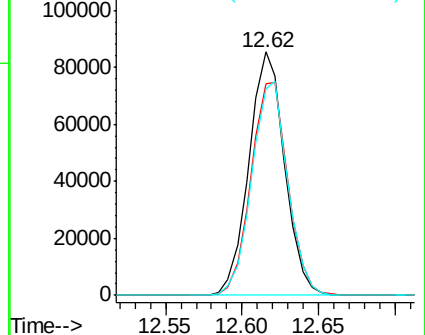
176 88.6 0.0 172.2



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. -0.00 min

Lab File: VW013249.D

Acq: 24 Sep 2019 01:11

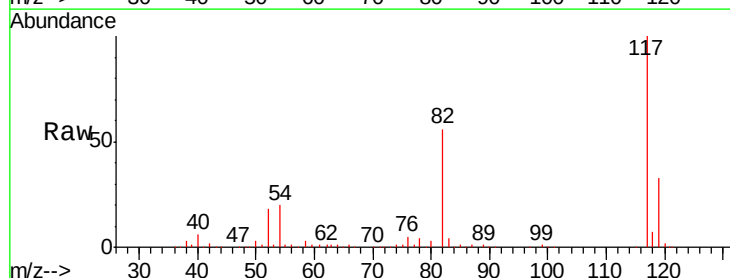
Tgt Ion: 117 Resp: 354158

Ion Ratio Lower Upper

117 100

82 55.8 45.9 68.9

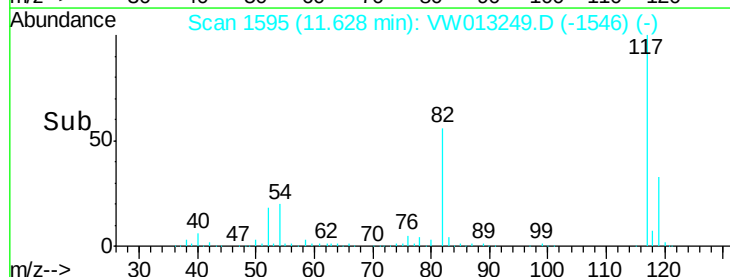
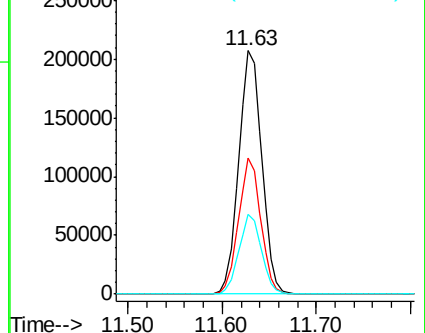
119 32.7 26.2 39.2

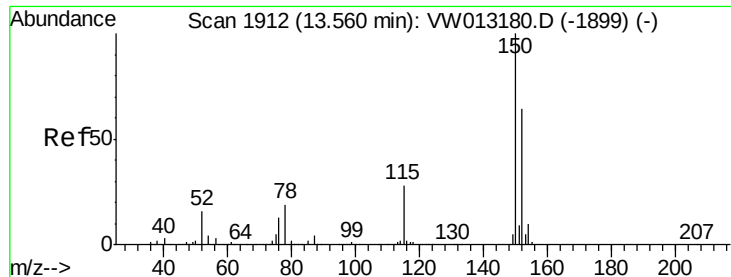


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



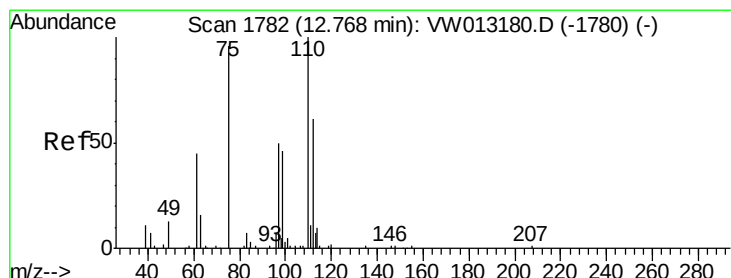
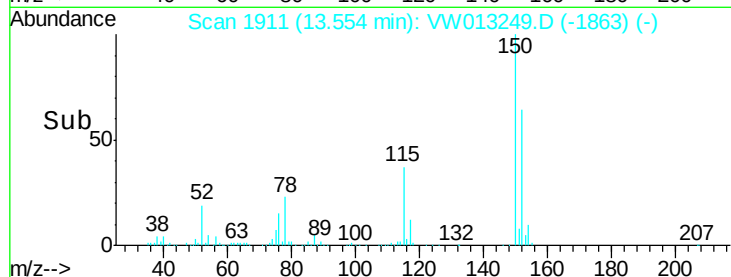
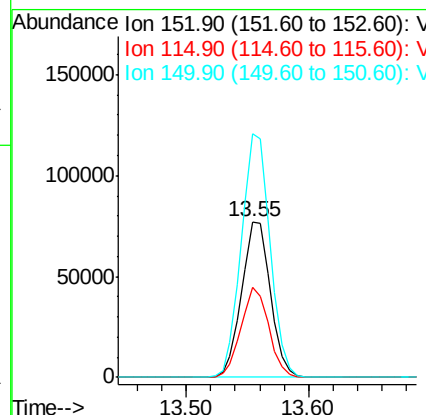
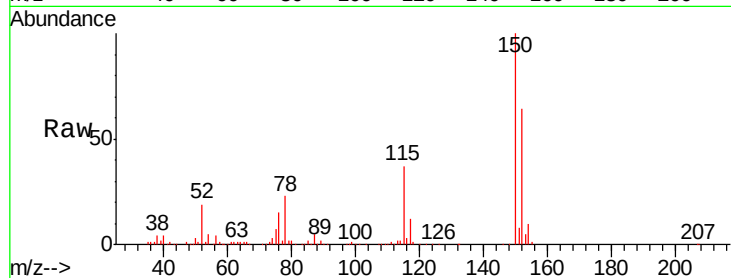


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013249.D
Acq: 24 Sep 2019 01:11

Instrument :
MSVOA_W
ClientSampleId :
SB-26-16.5-17.0

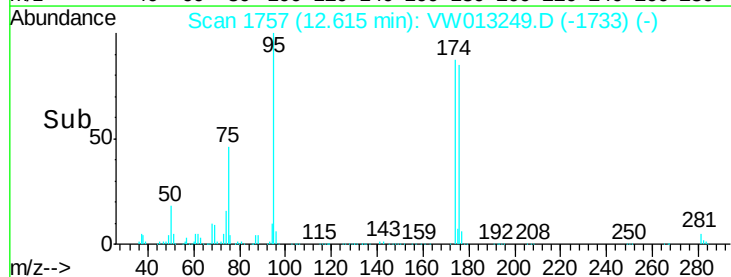
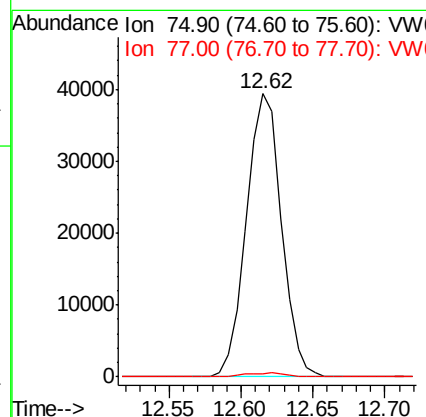
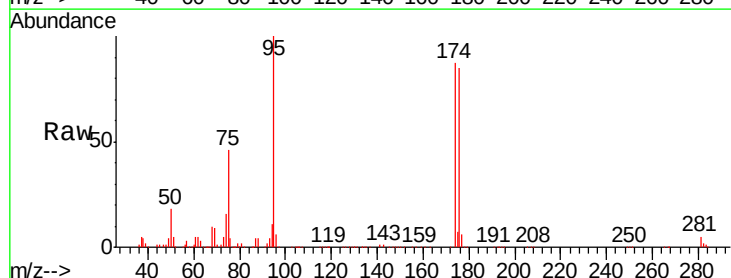
Tgt Ion: 152 Resp: 125120
Ion Ratio Lower Upper
152 100
115 56.1 27.3 81.9
150 157.3 0.0 349.0

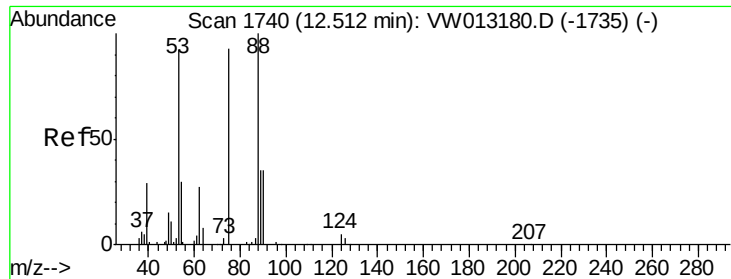


#76

1,2,3-Trichloropropane
Concen: 60.014 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW013249.D
Acq: 24 Sep 2019 01:11

Tgt Ion: 75 Resp: 66314
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 134.666 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013249.D

Acq: 24 Sep 2019 01:11

Instrument :

MSVOA_W

ClientSampleId :

SB-26-16.5-17.0

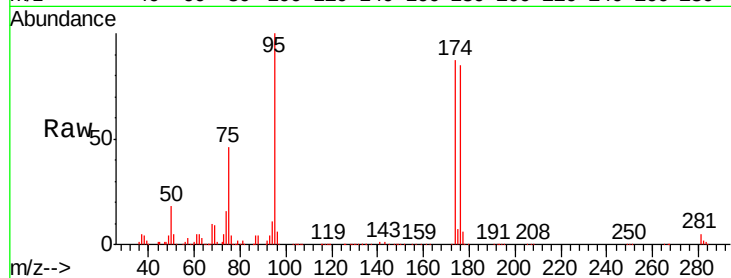
Tgt Ion: 75 Resp: 66314

Ion Ratio Lower Upper

75 100

53 0.0 76.6 114.8#

89 0.1 33.5 50.3#



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

