

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW092519\
 Data File : VW013290.D
 Acq On : 25 Sep 2019 10:38
 Operator : SY/VA
 Sample : VW0925SBL01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 25 17:19:44 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

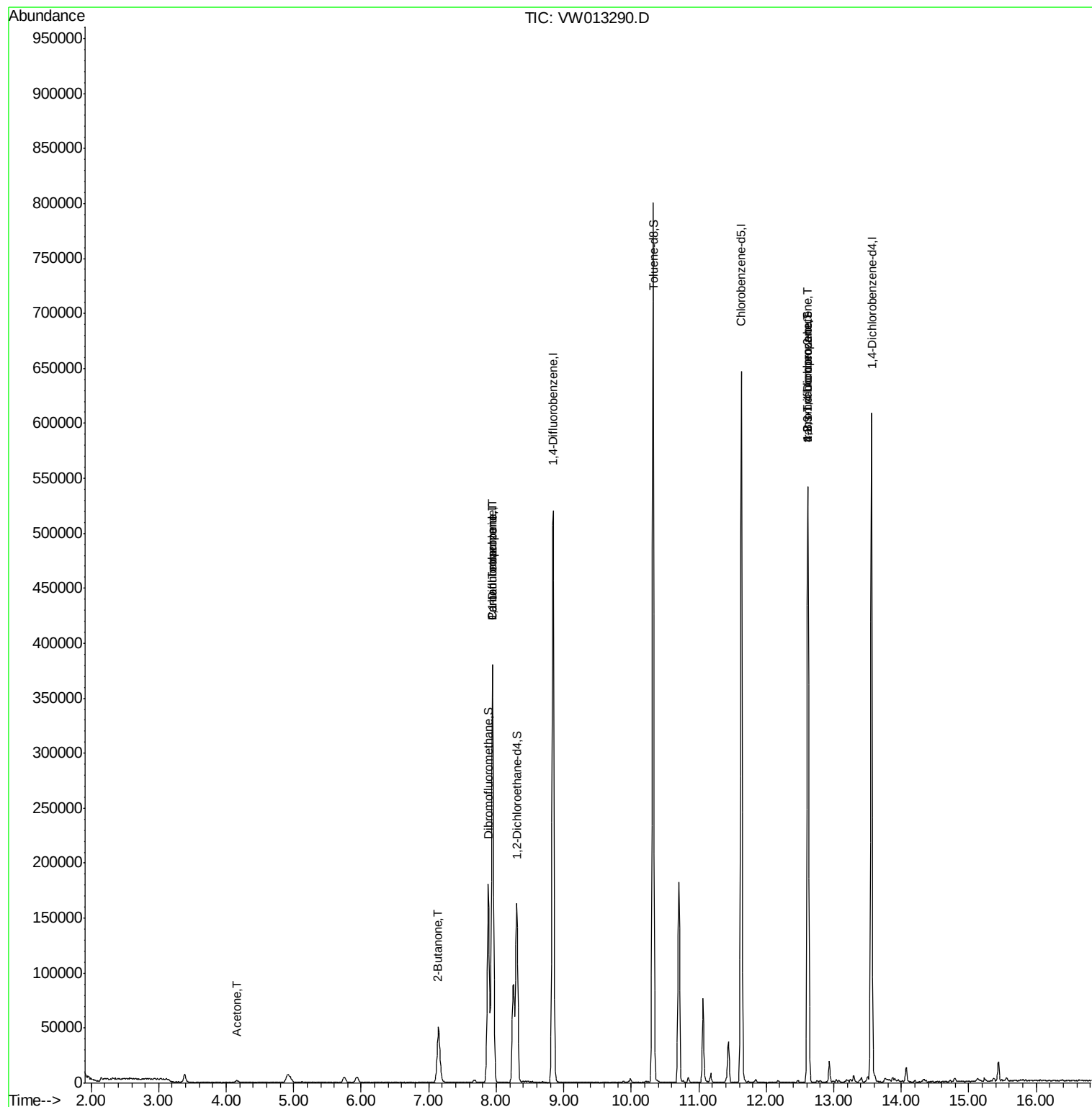
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	315828	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	467118	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	390522	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	174011	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	127142	49.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.66%	
35) Dibromofluoromethane	7.88	113	129094	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.50%	
50) Toluene-d8	10.32	98	534602	49.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.44%	
62) 4-Bromofluorobenzene	12.62	95	170083	46.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.62%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.20	59	273	Below Cal	#	73
16) Acetone	4.16	43	4381	7.537	ug/l	97
20) Methylene Chloride	4.92	84	5339	Below Cal		90
25) 2-Butanone	7.15	43	2777	3.182	ug/l #	74
26) 2,2-Dichloropropane	7.14	77	3741	Below Cal	#	52
36) 1,1-Dichloropropene	7.95	75	21069	4.657	ug/l #	48
38) Carbon Tetrachloride	7.95	117	27165	6.698	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	81052	52.743	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	81052	118.350	ug/l #	12

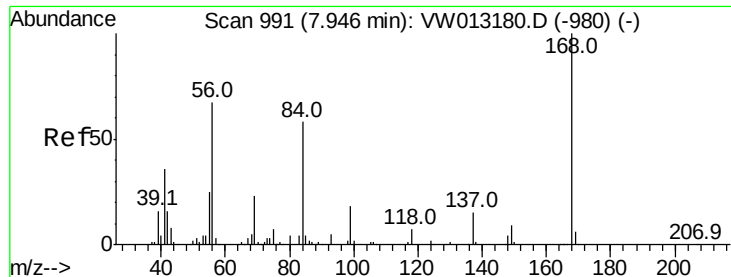
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013290.D

Acq: 25 Sep 2019 10:38

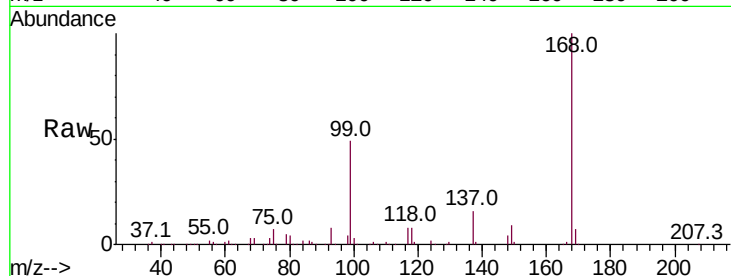
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 315828

Ion Ratio Lower Upper

168 100

99 49.5 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

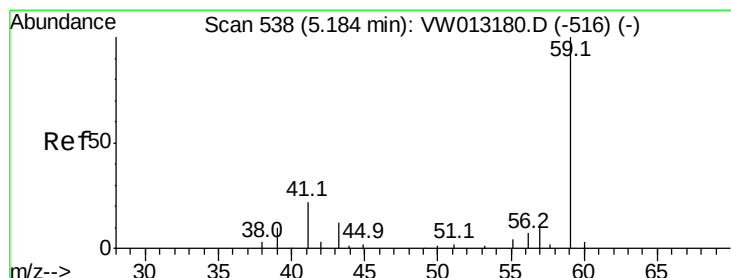
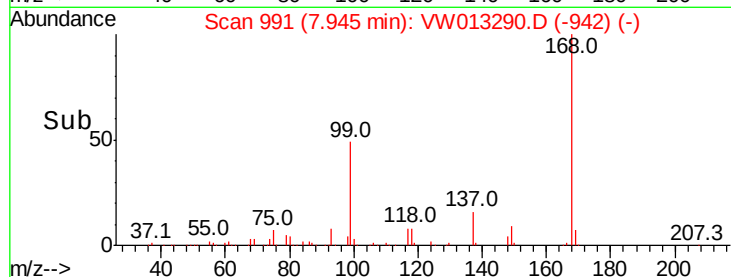
100000

50000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.20 min Scan# 541

Delta R.T. 0.02 min

Lab File: VW013290.D

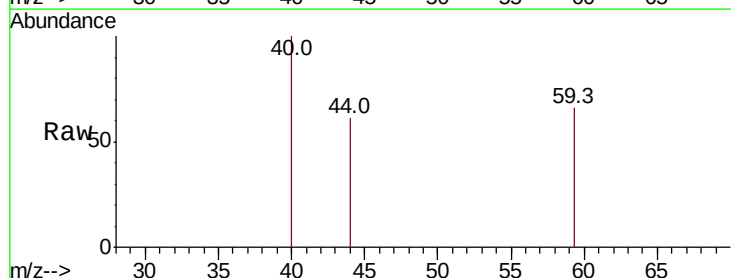
Acq: 25 Sep 2019 10:38

Tgt Ion: 59 Resp: 273

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

5.20

250

200

150

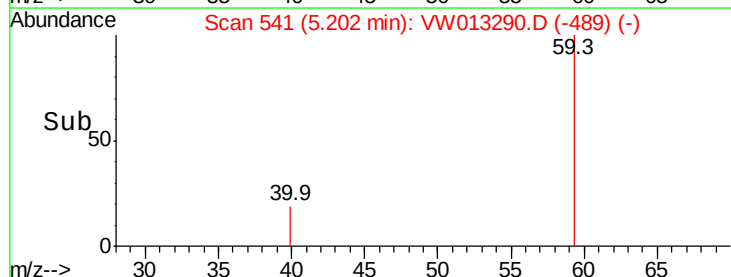
100

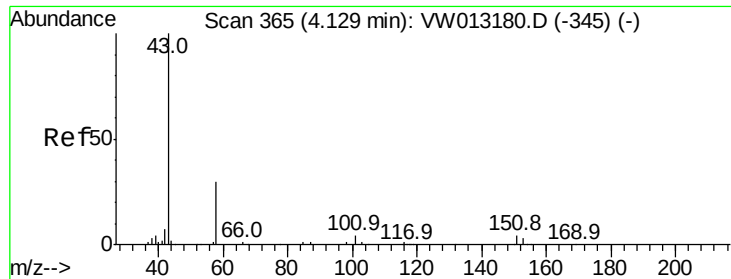
50

0

Time-->

5.16 5.18 5.20 5.22

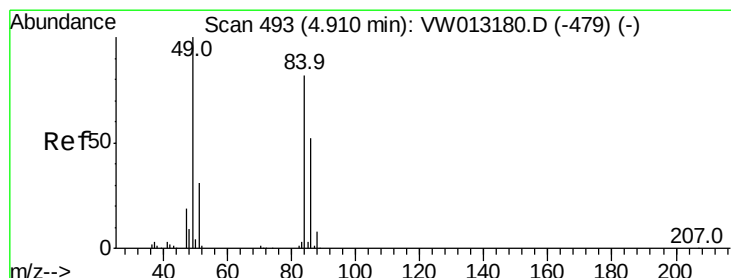
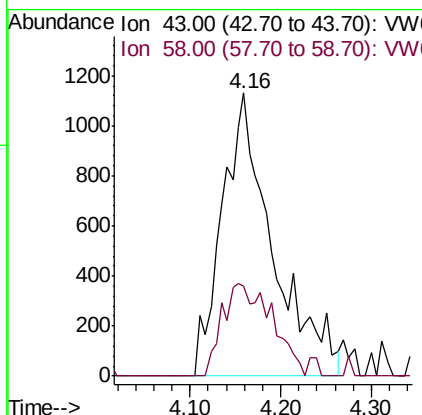
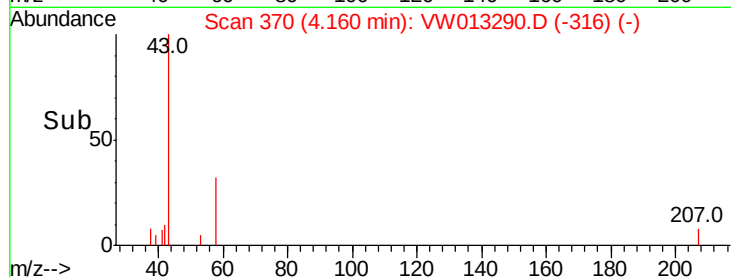
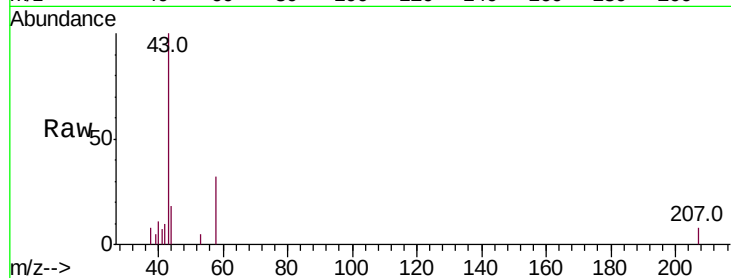




#16
Acetone
Concen: 7.537 ug/l
RT: 4.16 min Scan# 370
Delta R.T. 0.03 min
Lab File: VW013290.D
Acq: 25 Sep 2019 10:38

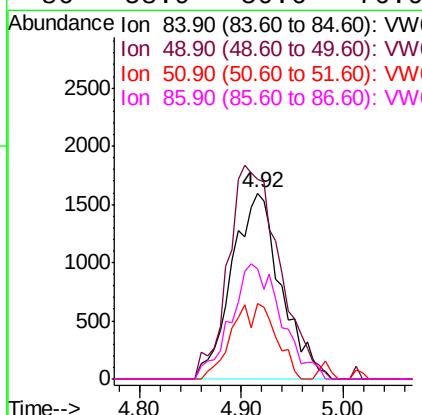
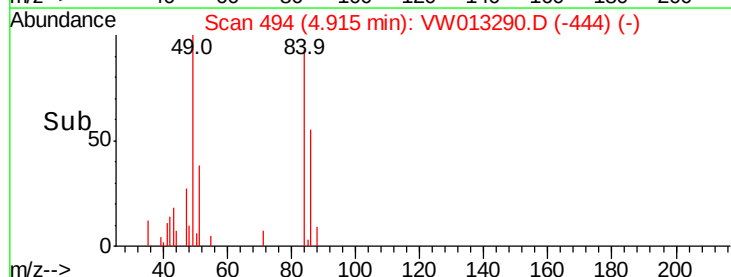
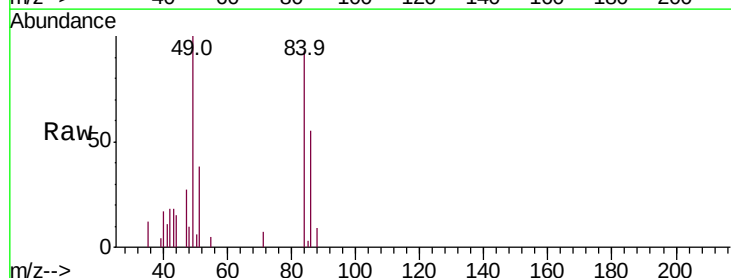
Instrument :
MSVOA_W
ClientSampleId :

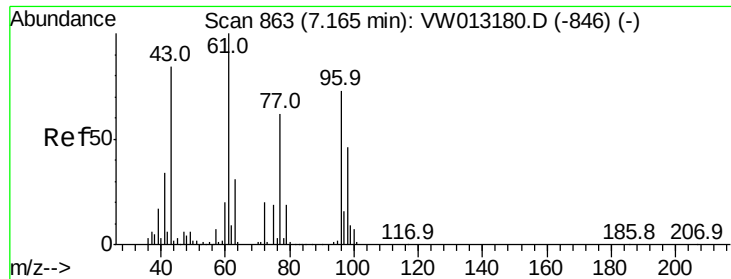
Tot Ion: 43 Resp: 4381
Ion Ratio Lower Upper
43 100
58 31.7 24.1 36.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW013290.D
Acq: 25 Sep 2019 10:38

Tgt Ion: 84 Resp: 5339
Ion Ratio Lower Upper
84 100
49 107.2 97.6 146.4
51 40.8 30.2 45.2
86 58.9 50.6 76.0





#25

2-Butanone

Concen: 3.182 ug/l

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW013290.D

Acq: 25 Sep 2019 10:38

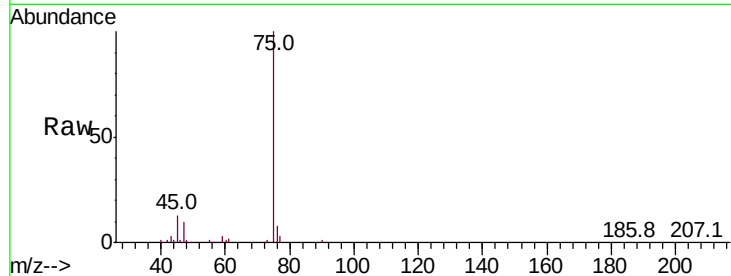
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 2777

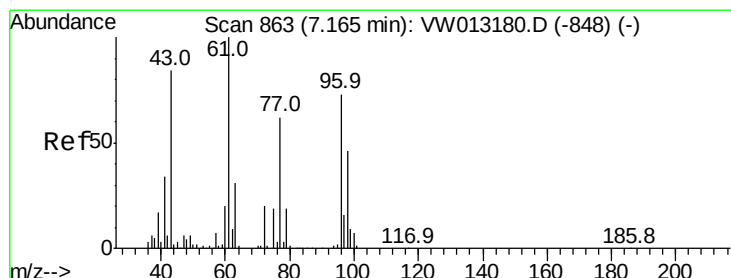
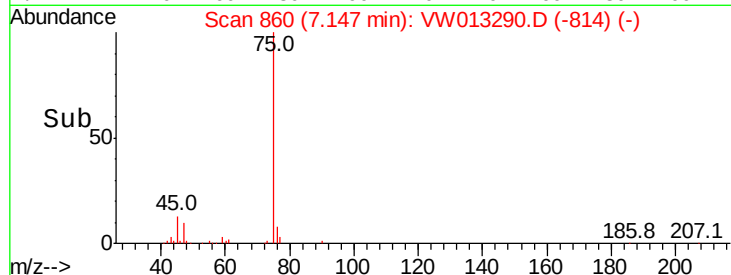
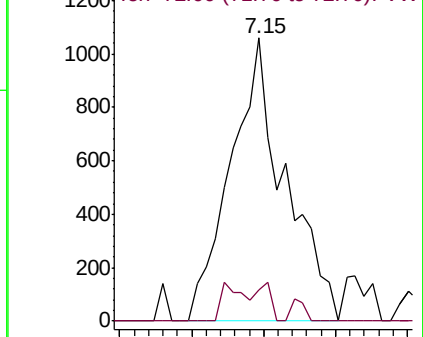
Ion Ratio Lower Upper

43 100

72 11.1 19.4 29.0#



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: Below Cal

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: VW013290.D

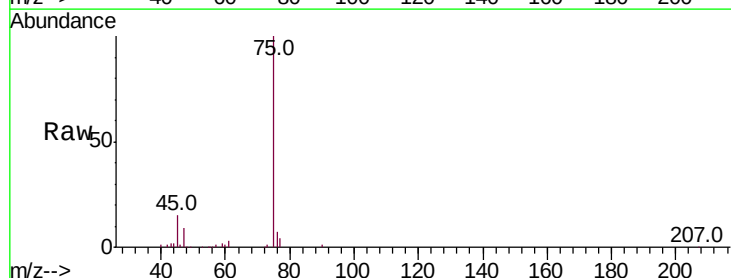
Acq: 25 Sep 2019 10:38

Tgt Ion: 77 Resp: 3741

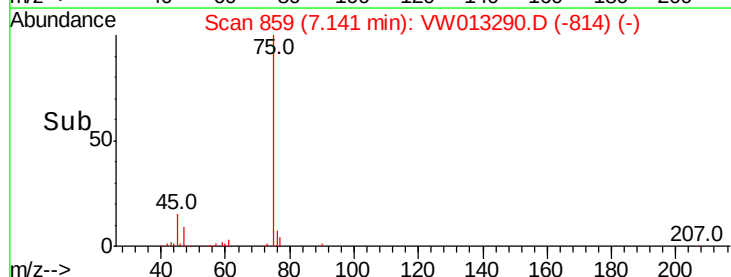
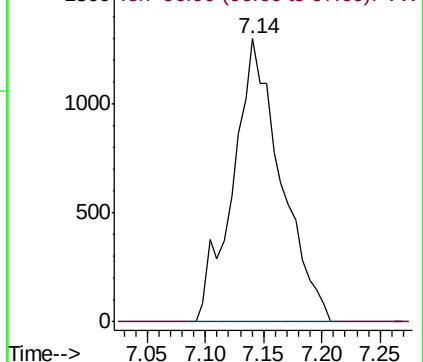
Ion Ratio Lower Upper

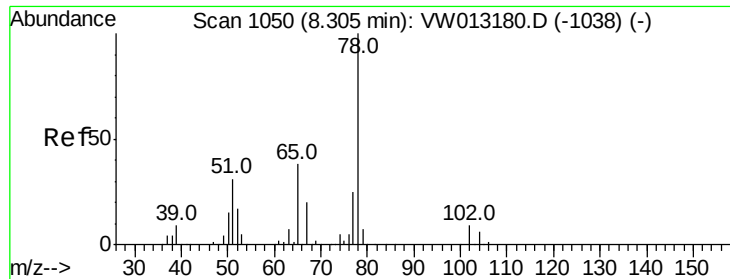
77 100

97 0.0 11.8 35.4#



Abundance Ion 76.90 (76.60 to 77.60): VW
Ion 96.90 (96.60 to 97.60): VW

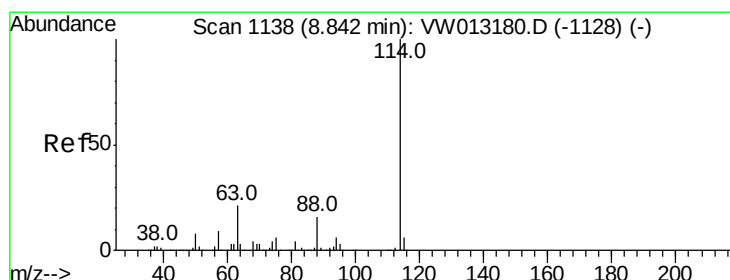
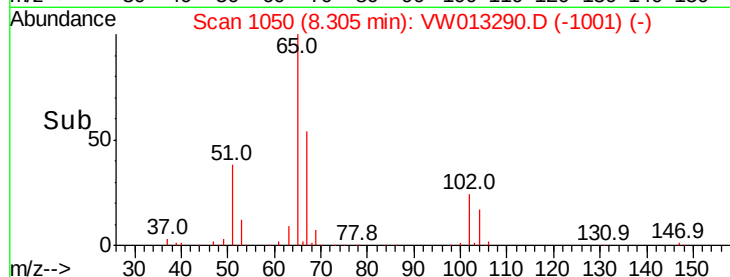
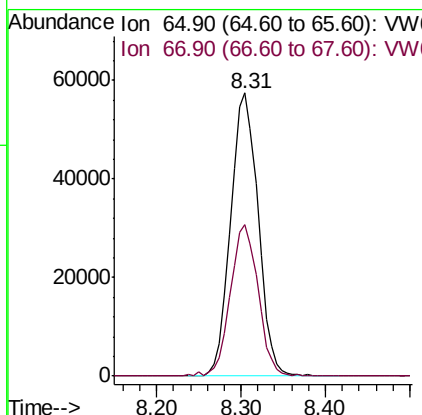
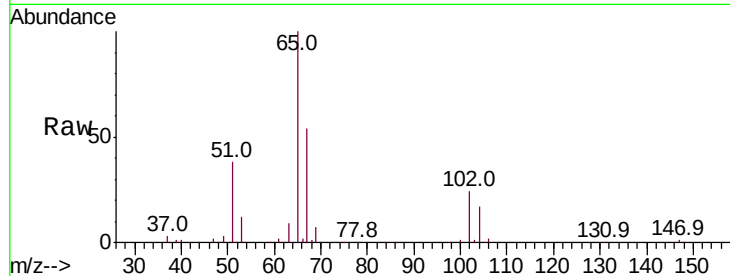




#33
 1,2-Dichloroethane-d4
 Concen: 49.325 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013290.D
 Acq: 25 Sep 2019 10:38

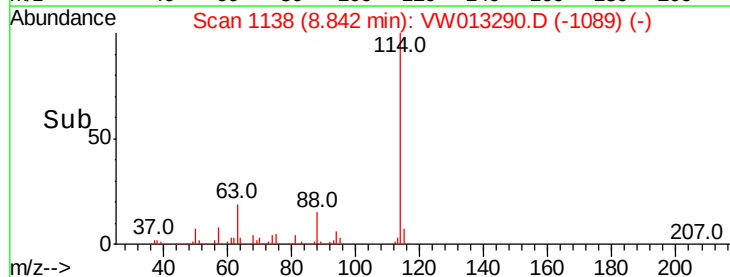
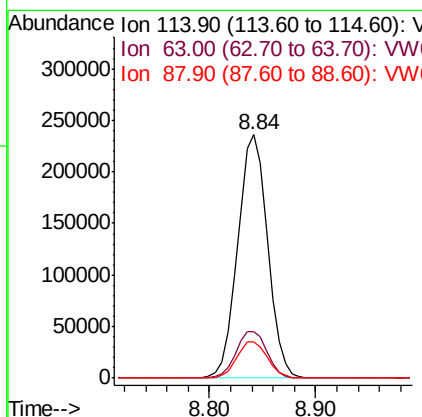
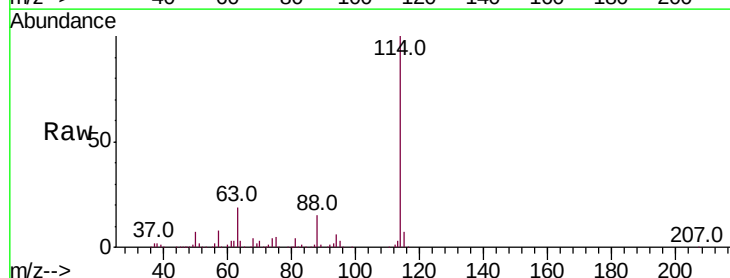
Instrument :
 MSVOA_W
 ClientSampleId :

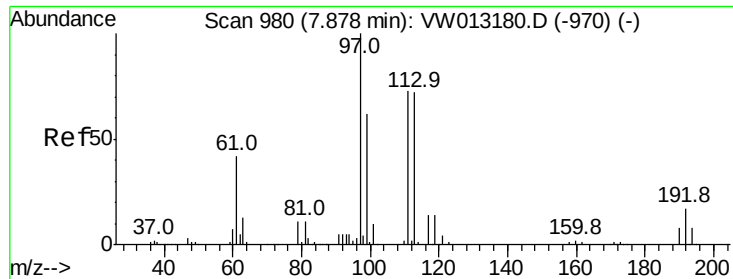
Tot Ion: 65 Resp: 127142
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013290.D
 Acq: 25 Sep 2019 10:38

Tgt Ion:114 Resp: 467118
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 41.4
 88 14.9 0.0 32.0

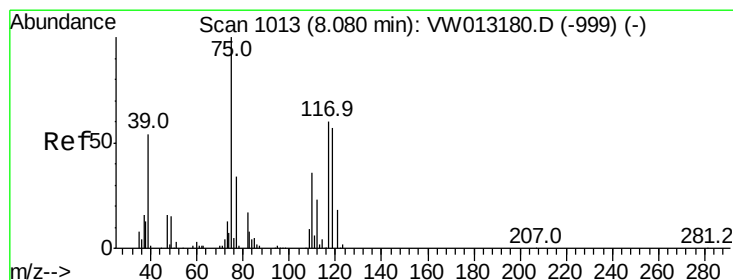
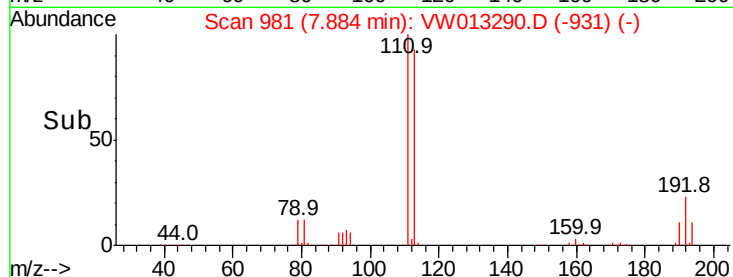
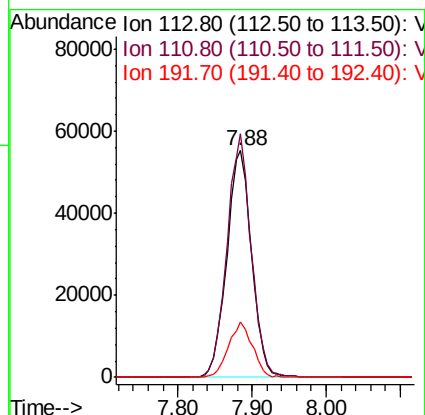
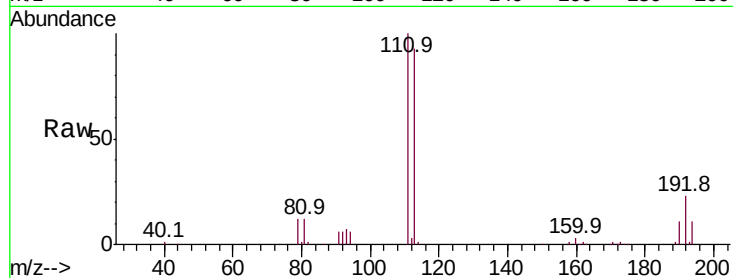




#35
 Dibromofluoromethane
 Concen: 50.248 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW013290.D
 Acq: 25 Sep 2019 10:38

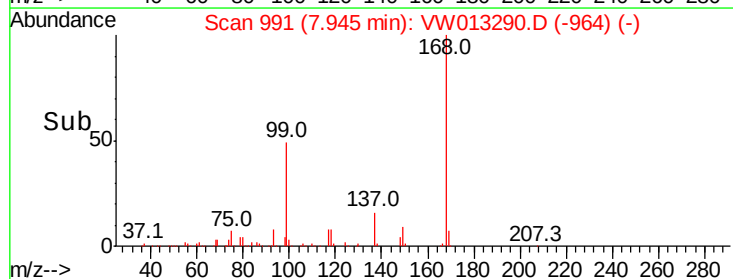
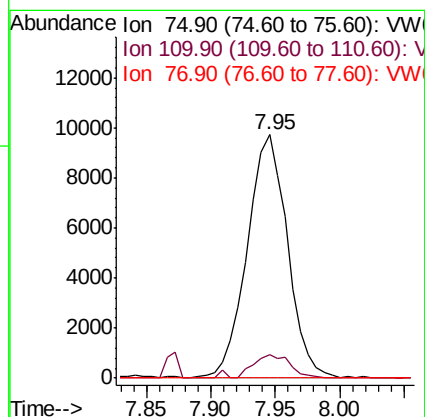
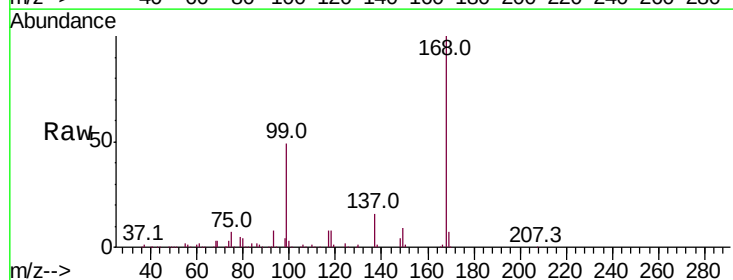
Instrument :
 MSVOA_W
 ClientSampled :

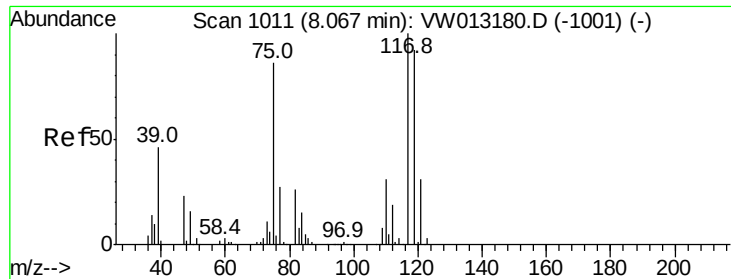
Tot Ion:113 Resp: 129094
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.9 122.9
 192 23.6 19.1 28.7



#36
 1,1-Dichloropropene
 Concen: 4.657 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW013290.D
 Acq: 25 Sep 2019 10:38

Tgt Ion: 75 Resp: 21069
 Ion Ratio Lower Upper
 75 100
 110 8.8 18.1 54.3#
 77 0.0 25.8 38.6#





#38

Carbon Tetrachloride

Concen: 6.698 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW013290.D

Acq: 25 Sep 2019 10:38

Instrument :

MSVOA_W

ClientSampleId :

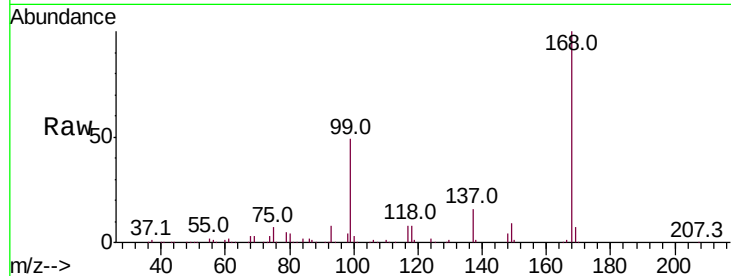
Tot Ion:117 Resp: 27165

Ion Ratio Lower Upper

117 100

119 6.0 73.5 110.3#

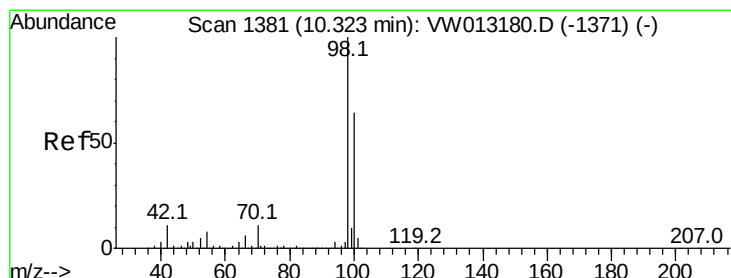
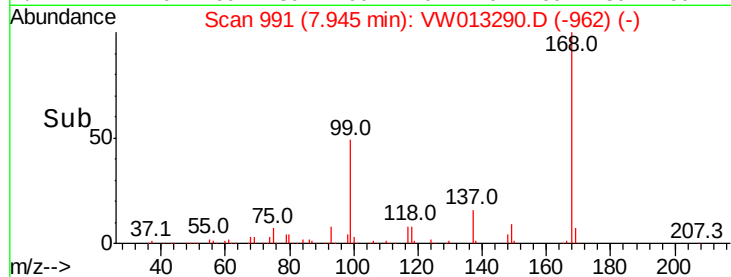
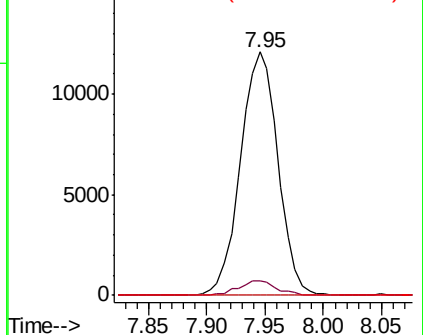
121 0.0 25.0 37.6#



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: 49.720 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013290.D

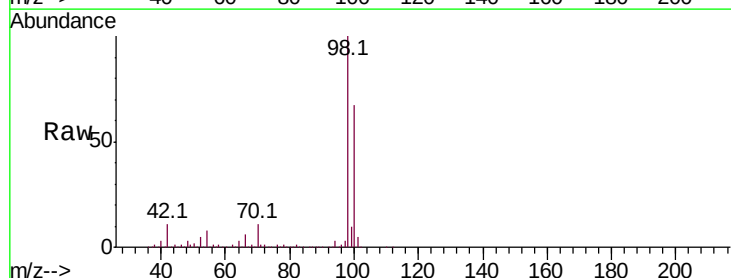
Acq: 25 Sep 2019 10:38

Tgt Ion: 98 Resp: 534602

Ion Ratio Lower Upper

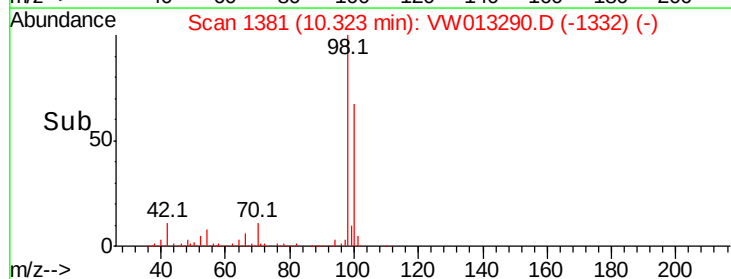
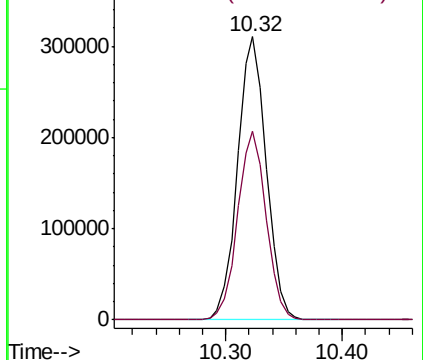
98 100

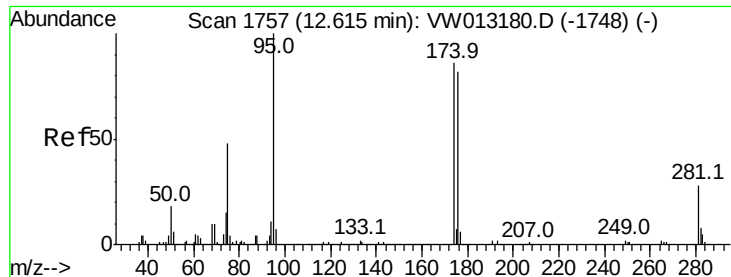
100 66.2 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 46.308 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW013290.D

Acq: 25 Sep 2019 10:38

Instrument :

MSVOA_W

ClientSampled :

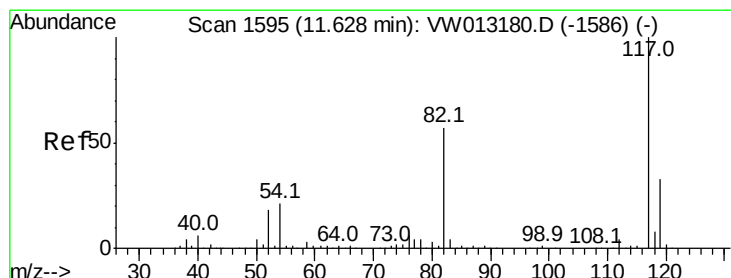
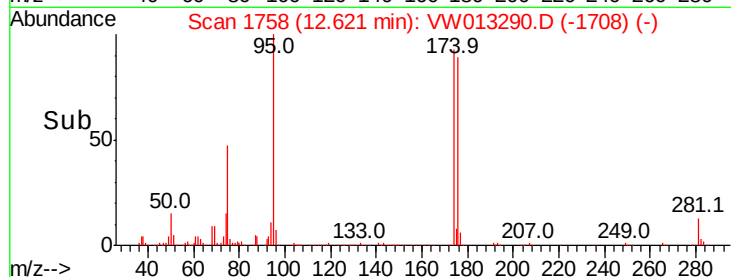
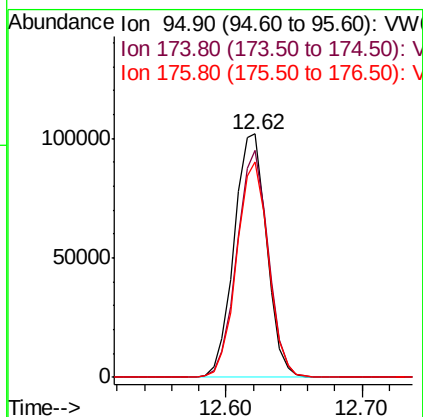
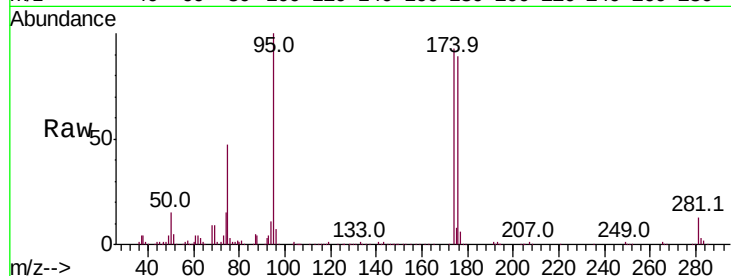
Tot Ion: 95 Resp: 170083

Ion Ratio Lower Upper

95 100

174 89.9 0.0 178.4

176 86.5 0.0 172.2



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1596

Delta R.T. 0.01 min

Lab File: VW013290.D

Acq: 25 Sep 2019 10:38

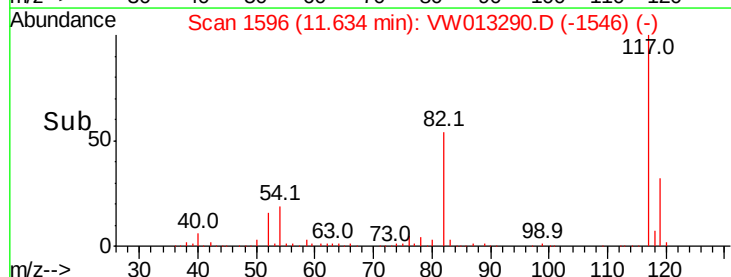
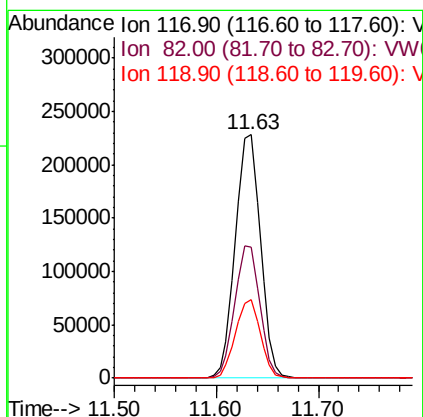
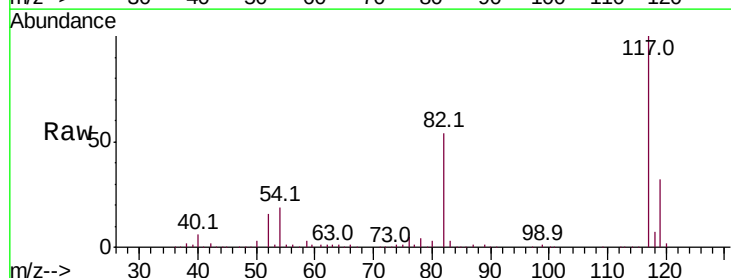
Tgt Ion: 117 Resp: 390522

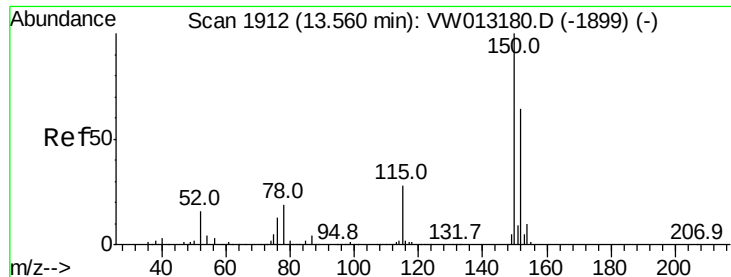
Ion Ratio Lower Upper

117 100

82 53.6 45.9 68.9

119 32.4 26.2 39.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW013290.D

Acq: 25 Sep 2019 10:38

Instrument :

MSVOA_W

ClientSampled :

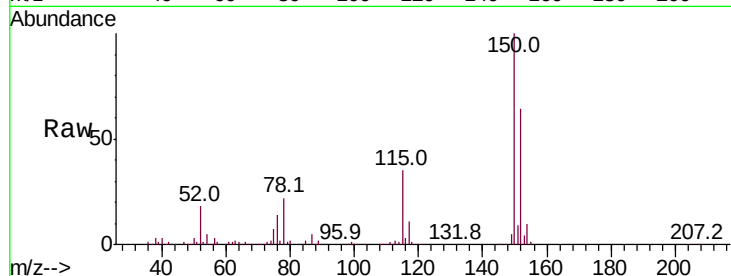
Tot Ion:152 Resp: 174011

Ion Ratio Lower Upper

152 100

115 55.5 27.3 81.9

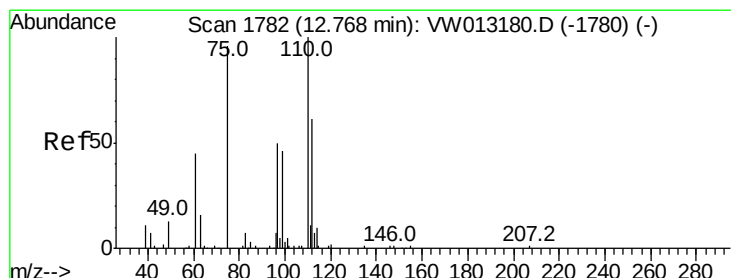
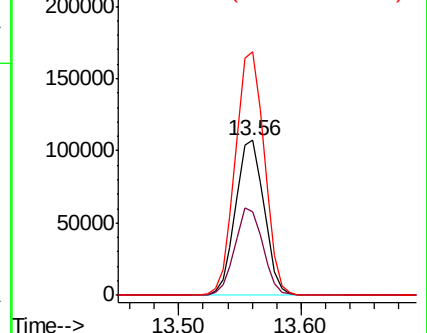
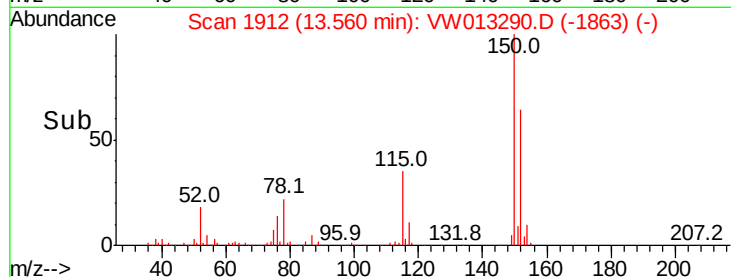
150 158.9 0.0 349.0



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: 52.743 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013290.D

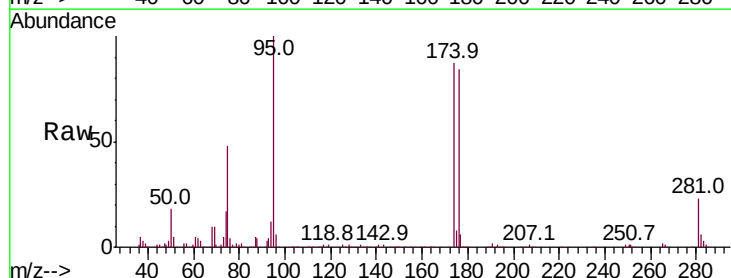
Acq: 25 Sep 2019 10:38

Tgt Ion: 75 Resp: 81052

Ion Ratio Lower Upper

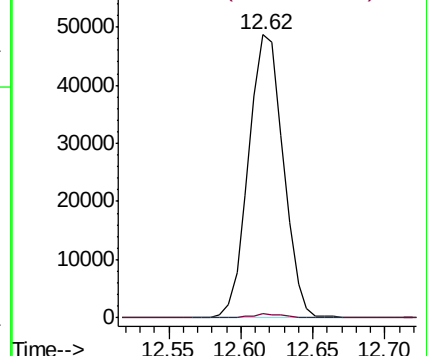
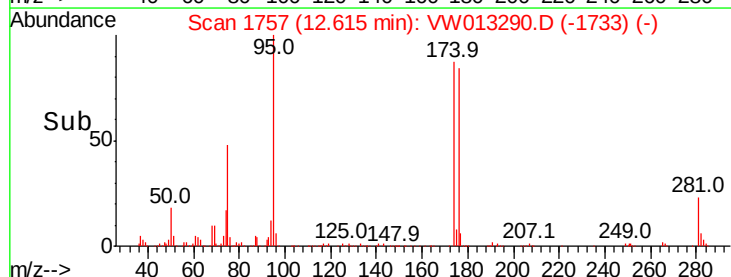
75 100

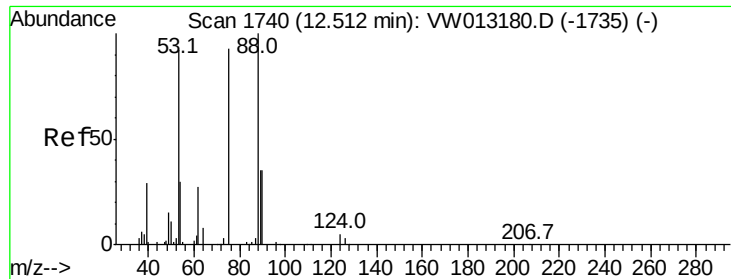
77 1.3 0.0 0.0#



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: 118.350 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013290.D

Acq: 25 Sep 2019 10:38

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 81052

Ion Ratio Lower Upper

75 100

53 0.0 76.6 114.8#

89 0.3 33.5 50.3#

