

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092319\
 Data File : VW013228.D
 Acq On : 23 Sep 2019 13:55
 Operator : SY/VA
 Sample : K4997-06
 Misc : 5.10G/5ML/MSVOA_W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 WC-10-091919

Quant Time: Sep 24 06:39:22 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

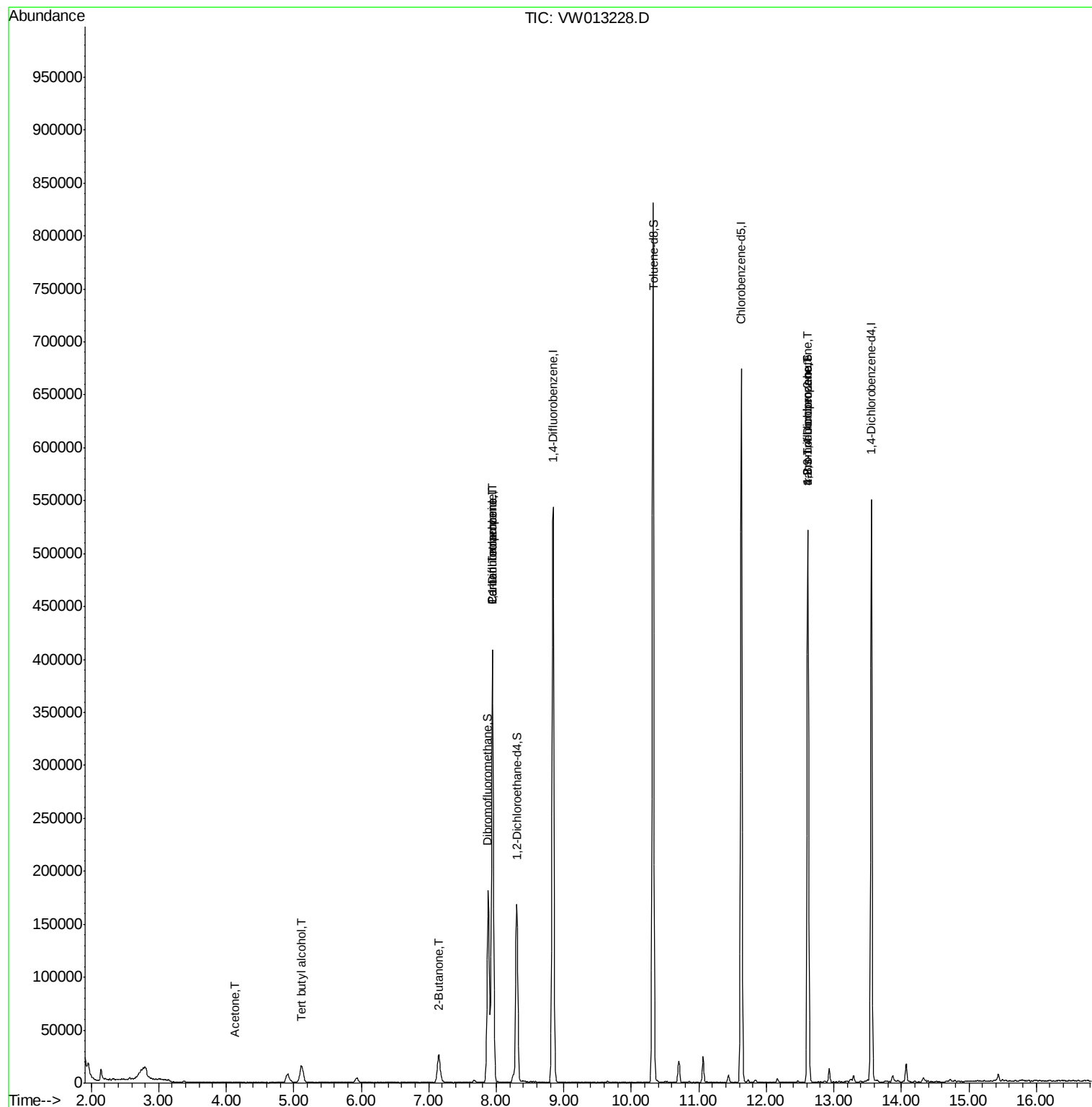
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	332623	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	490410	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	398476	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	160363	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	133902	49.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.64%	
35) Dibromofluoromethane	7.88	113	135825	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.72%	
50) Toluene-d8	10.32	98	560754	49.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.36%	
62) 4-Bromofluorobenzene	12.62	95	164585	42.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.36%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.11	59	14949	69.185	ug/l #	74
16) Acetone	4.14	43	685	1.119	ug/l #	74
20) Methylene Chloride	4.91	84	6984	Below Cal		89
25) 2-Butanone	7.14	43	991	1.078	ug/l #	51
26) 2,2-Dichloropropane	7.15	77	2097	Below Cal	#	52
36) 1,1-Dichloropropene	7.95	75	21106	4.443	ug/l #	48
38) Carbon Tetrachloride	7.95	117	28851	6.776	ug/l #	18
76) 1,2,3-Trichloropropane	12.62	75	76983	54.358	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	76983	121.975	ug/l #	12

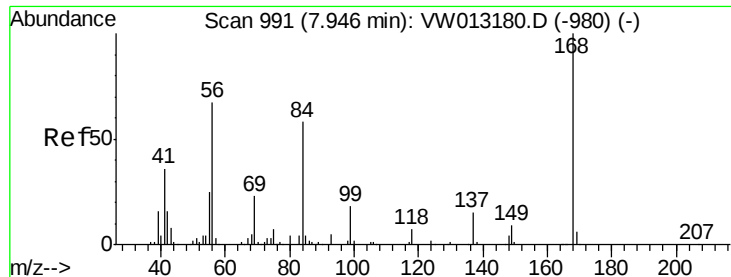
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW092319\
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Quant 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: VW013228.D

Acq: 23 Sep 2019 13:55

Instrument :

MSVOA_W

ClientSampleId :

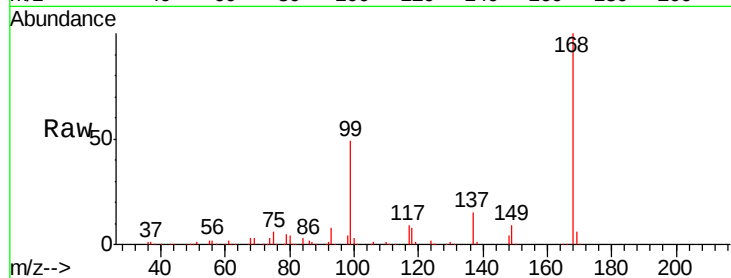
WC-10-091919

Tgt Ion: 168 Resp: 332623

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

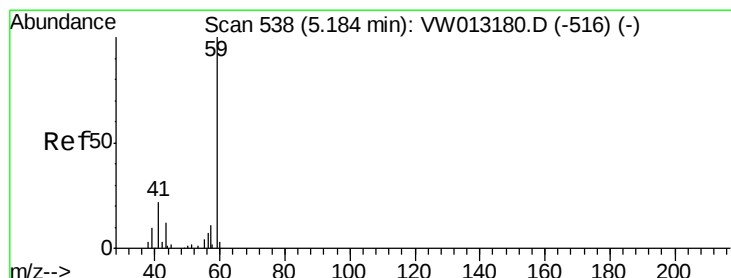
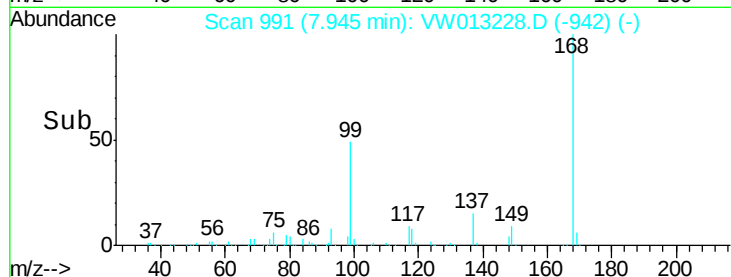
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 69.185 ug/l

RT: 5.11 min Scan# 526

Delta R.T. -0.07 min

Lab File: VW013228.D

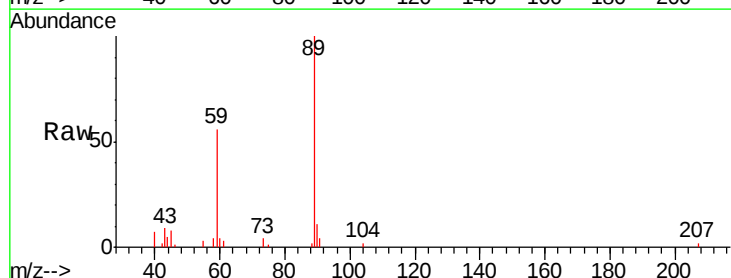
Acq: 23 Sep 2019 13:55

Tgt Ion: 59 Resp: 14949

Ion Ratio Lower Upper

59 100

57 0.3 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW

5.11

4000

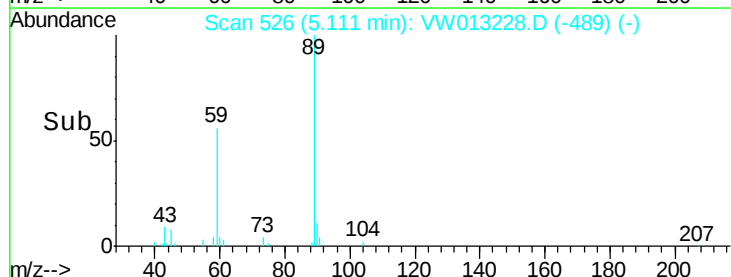
3000

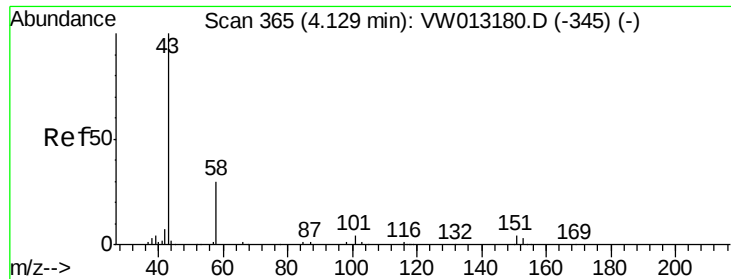
2000

1000

0

Time-->





#16

Acetone

Concen: 1.119 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW013228.D

Acq: 23 Sep 2019 13:55

Instrument :

MSVOA_W

ClientSampleId :

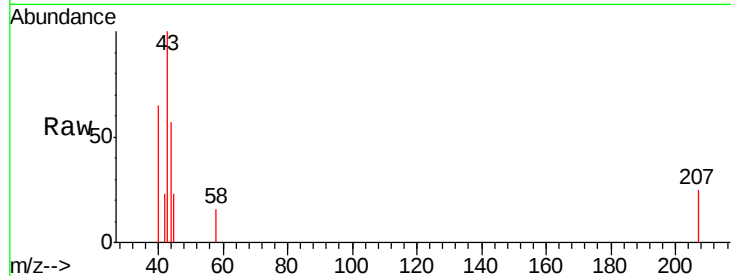
WC-10-091919

Tgt Ion: 43 Resp: 685

Ion Ratio Lower Upper

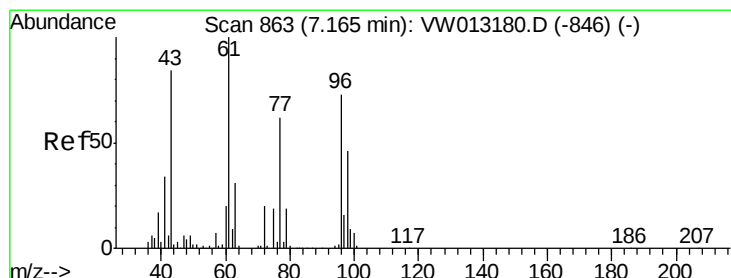
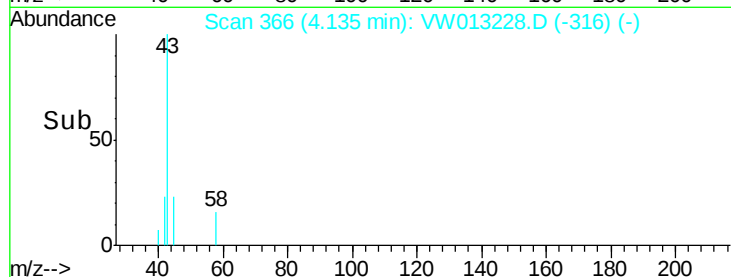
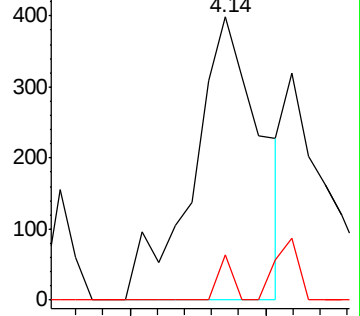
43 100

58 15.8 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#25

2-Butanone

Concen: 1.078 ug/l

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: VW013228.D

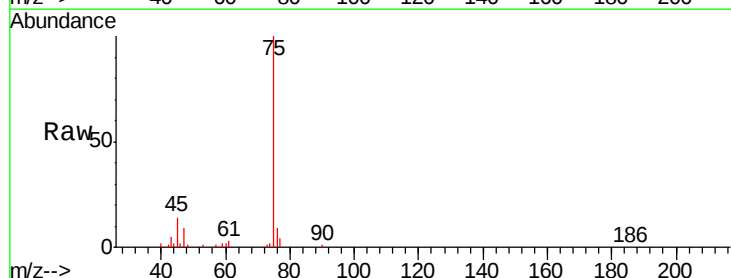
Acq: 23 Sep 2019 13:55

Tgt Ion: 43 Resp: 991

Ion Ratio Lower Upper

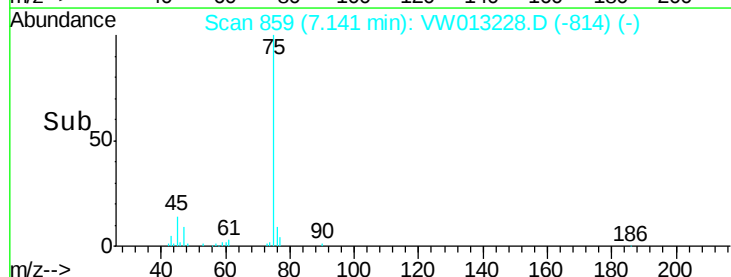
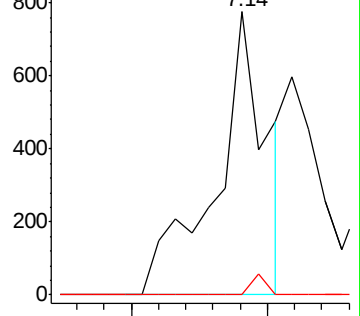
43 100

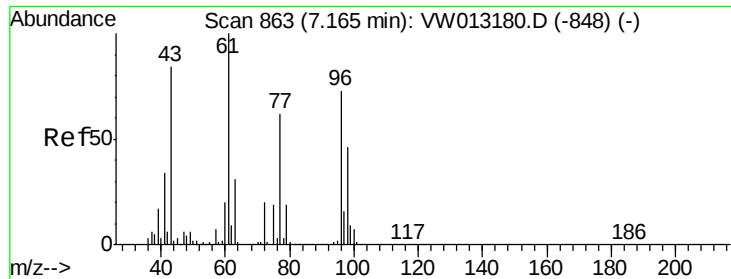
72 0.0 19.4 29.0#



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: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW013228.D

Acq: 23 Sep 2019 13:55

Instrument :

MSVOA_W

ClientSampleId :

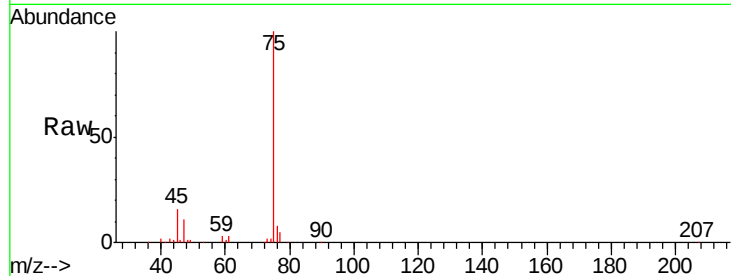
WC-10-091919

Tgt Ion: 77 Resp: 2097

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

7.15

800

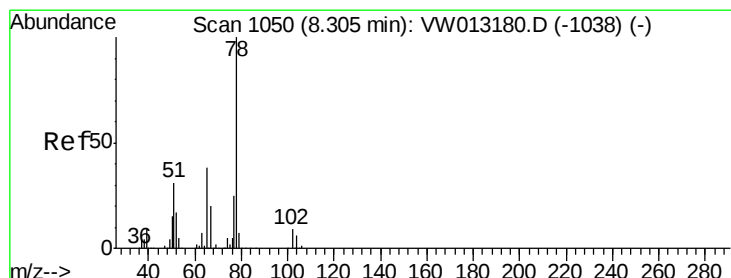
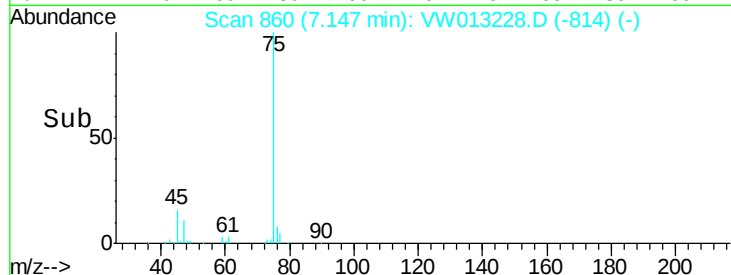
600

400

200

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 49.325 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013228.D

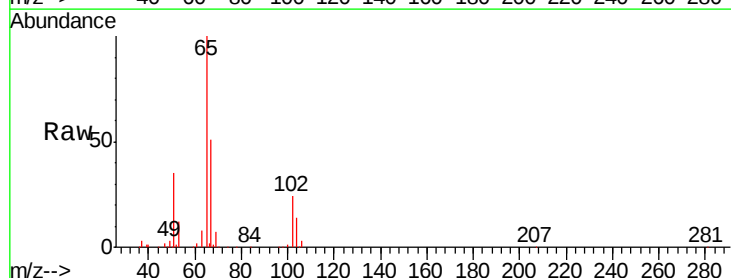
Acq: 23 Sep 2019 13:55

Tgt Ion: 65 Resp: 133902

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

8.31

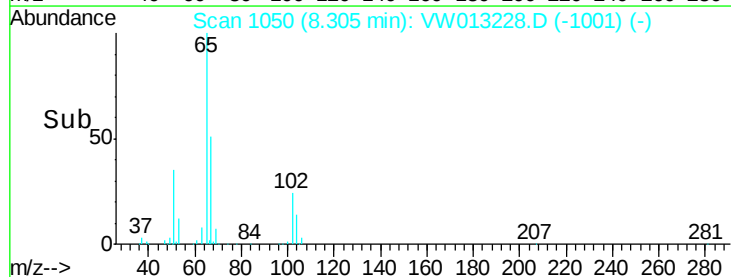
60000

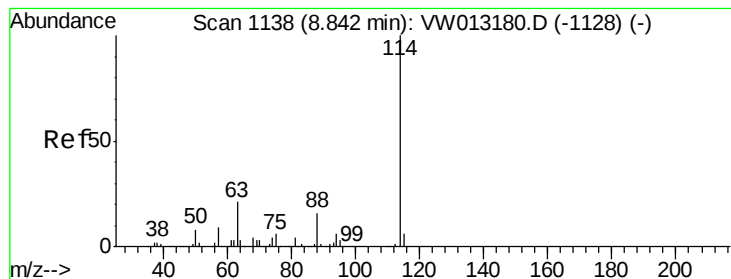
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW013228.D

Acq: 23 Sep 2019 13:55

Instrument :

MSVOA_W

ClientSampleId :

WC-10-091919

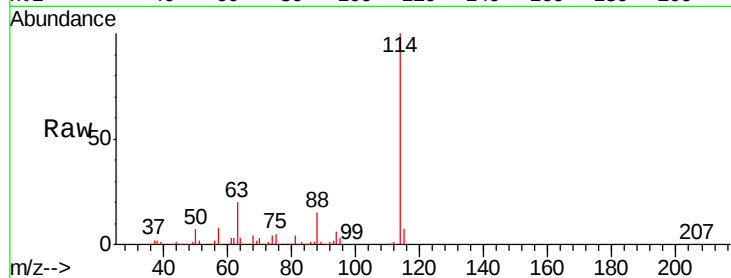
Tgt Ion:114 Resp: 490410

Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.4

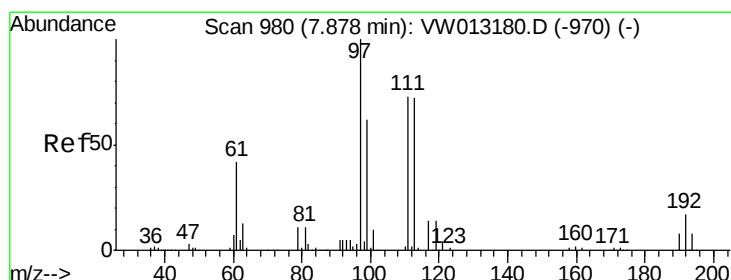
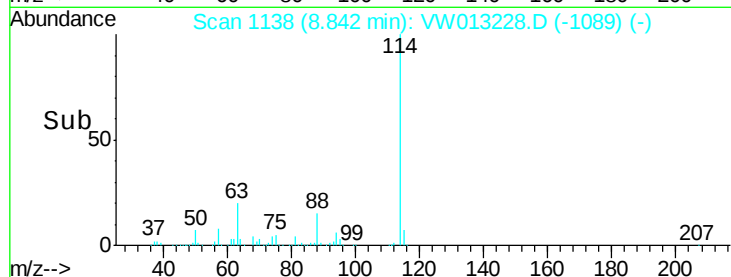
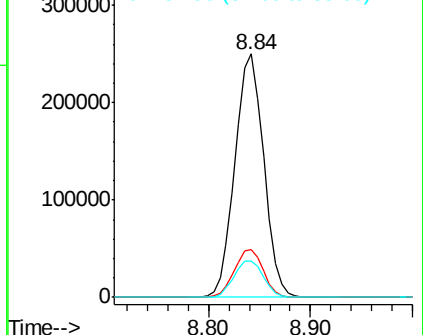
88 14.7 0.0 32.0



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: 50.357 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.00 min

Lab File: VW013228.D

Acq: 23 Sep 2019 13:55

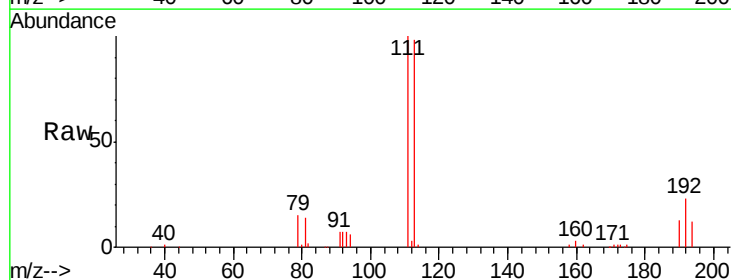
Tgt Ion:113 Resp: 135825

Ion Ratio Lower Upper

113 100

111 102.5 81.9 122.9

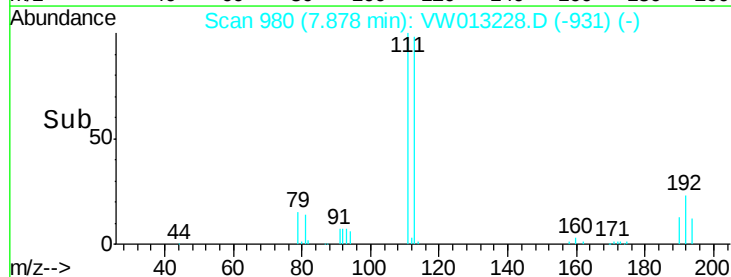
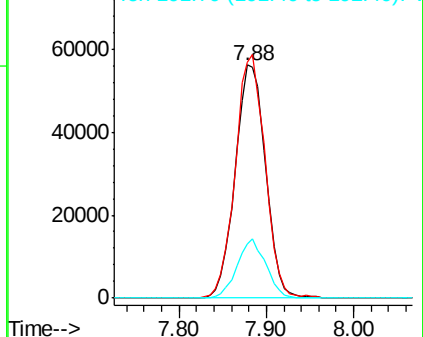
192 23.8 19.1 28.7

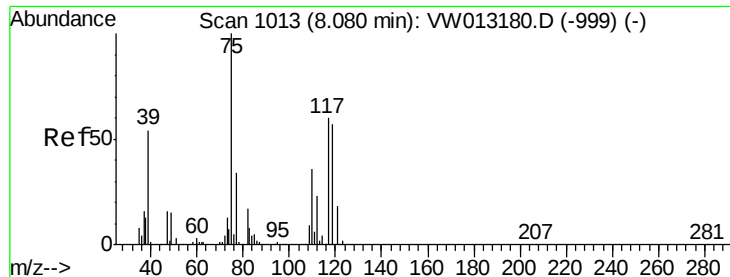


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

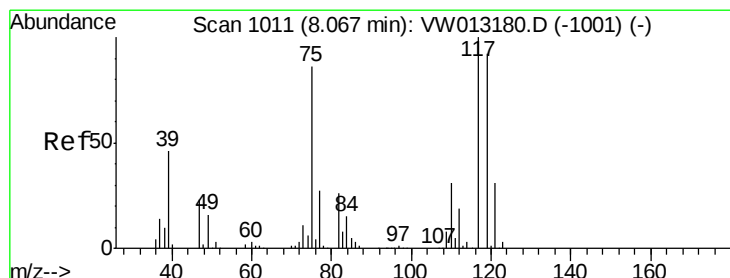
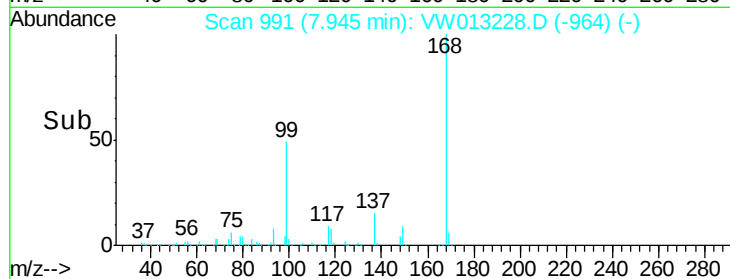
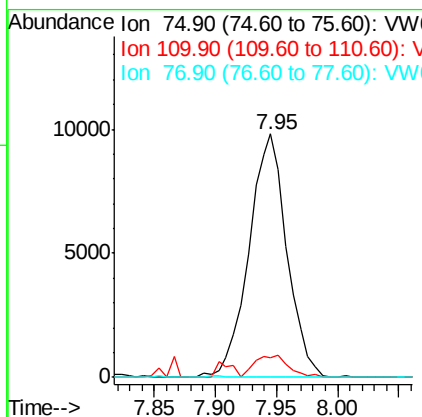
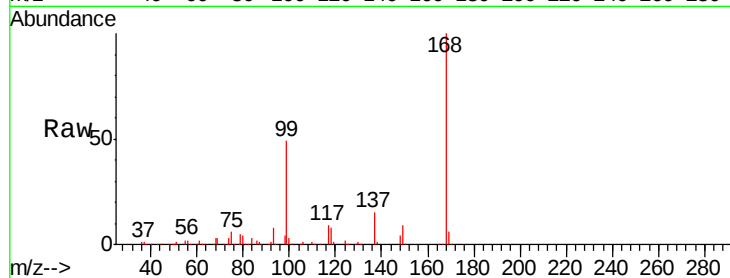




#36
 1,1-Dichloropropene
 Concen: 4.443 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW013228.D
 Acq: 23 Sep 2019 13:55

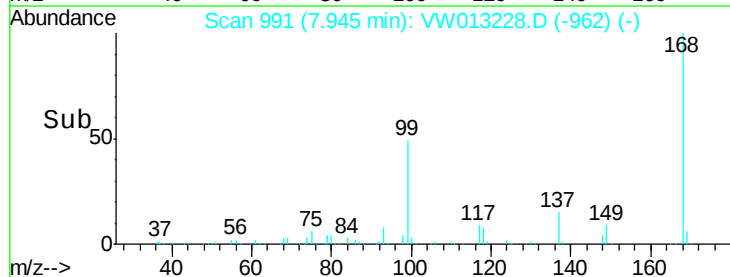
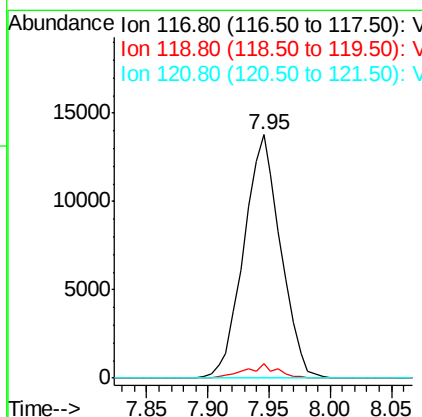
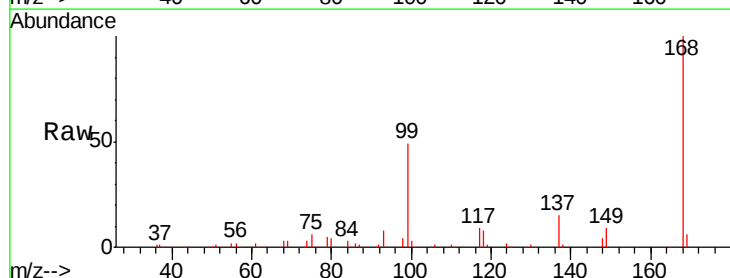
Instrument :
 MSVOA_W
 ClientSampled :
 WC-10-091919

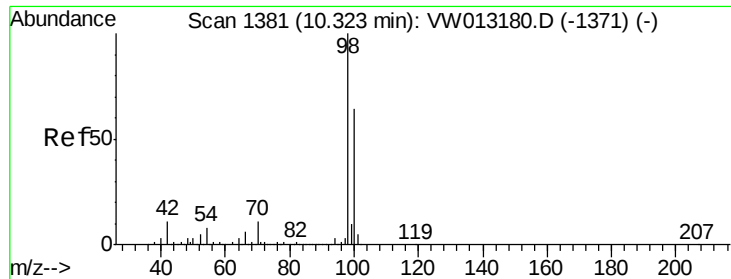
Tgt Ion: 75 Resp: 21106
 Ion Ratio Lower Upper
 75 100
 110 8.2 18.1 54.3#
 77 0.0 25.8 38.6#



#38
 Carbon Tetrachloride
 Concen: 6.776 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW013228.D
 Acq: 23 Sep 2019 13:55

Tgt Ion: 117 Resp: 28851
 Ion Ratio Lower Upper
 117 100
 119 5.7 73.5 110.3#
 121 0.0 25.0 37.6#





#50

Toluene-d8

Concen: 49.675 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013228.D

Acq: 23 Sep 2019 13:55

Instrument :

MSVOA_W

ClientSampleId :

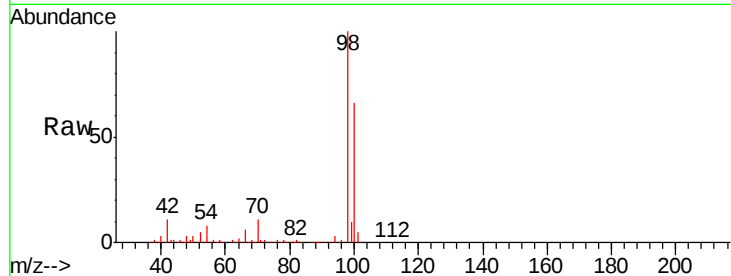
WC-10-091919

Tgt Ion: 98 Resp: 560754

Ion Ratio Lower Upper

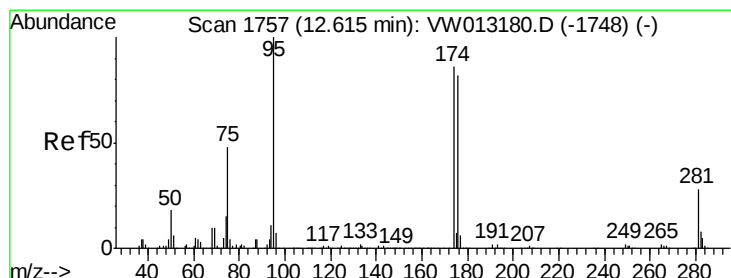
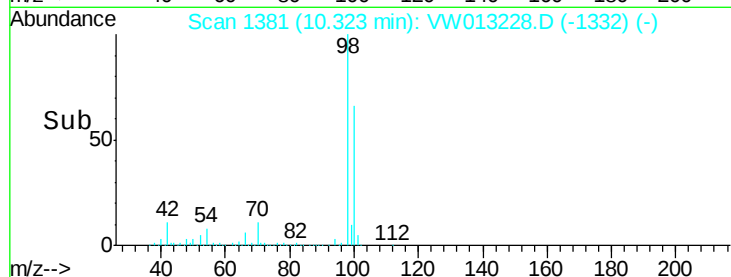
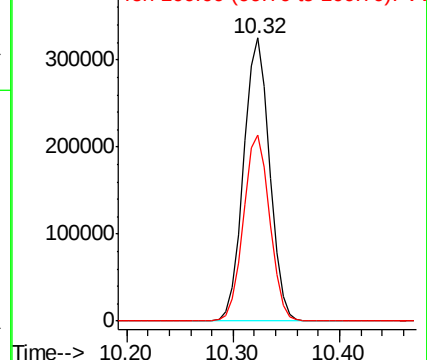
98 100

100 66.4 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: 42.683 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013228.D

Acq: 23 Sep 2019 13:55

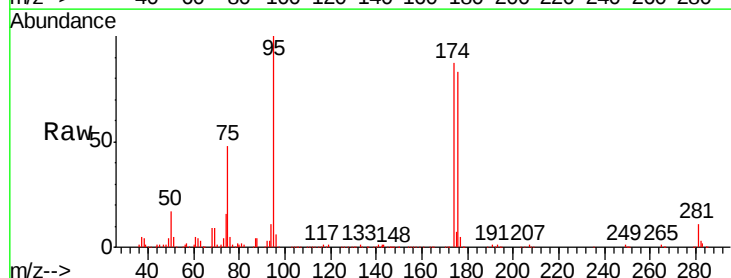
Tgt Ion: 95 Resp: 164585

Ion Ratio Lower Upper

95 100

174 89.5 0.0 178.4

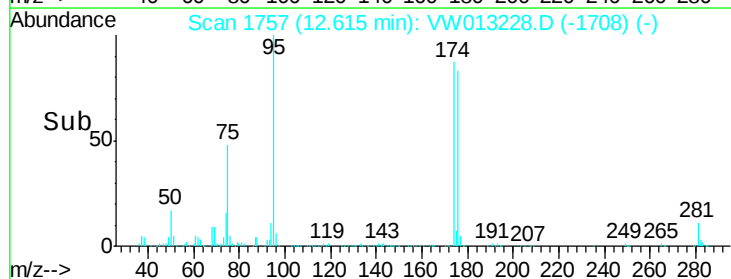
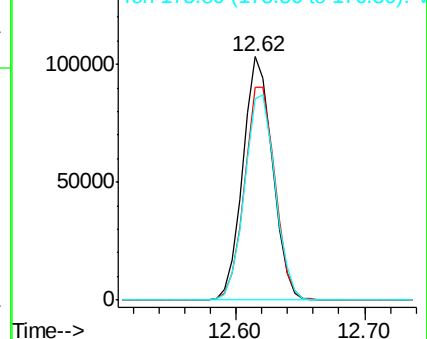
176 86.8 0.0 172.2

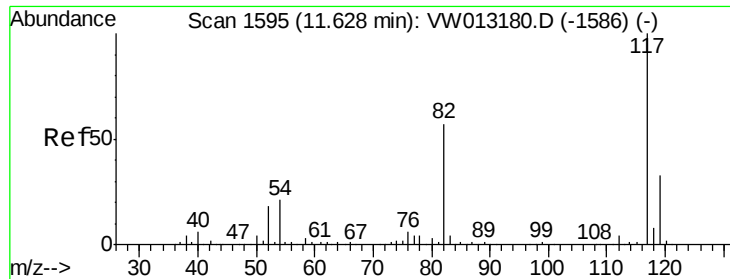


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

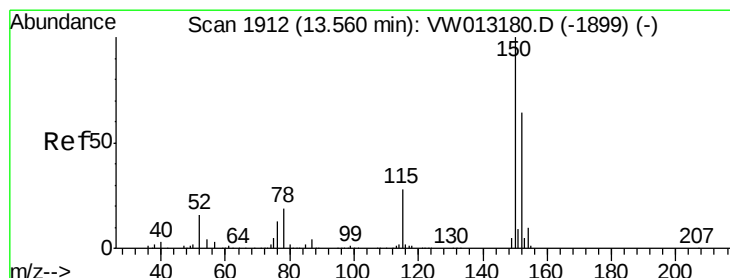
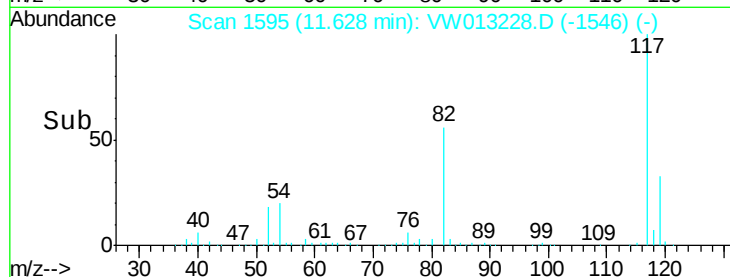
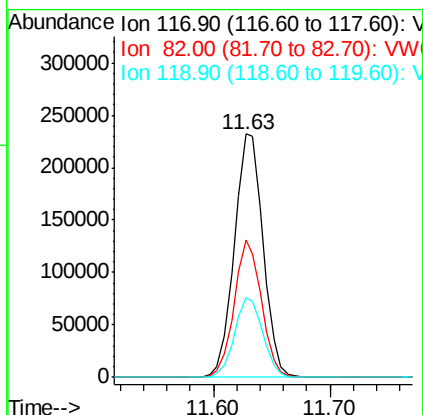
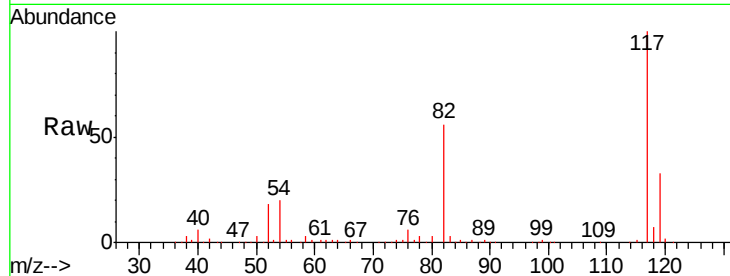




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013228.D
Acq: 23 Sep 2019 13:55

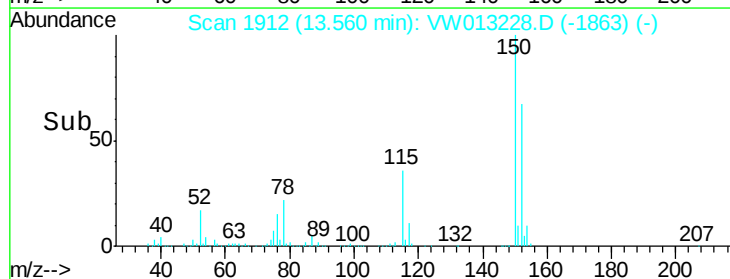
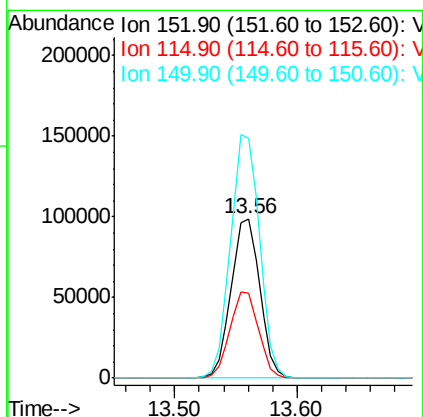
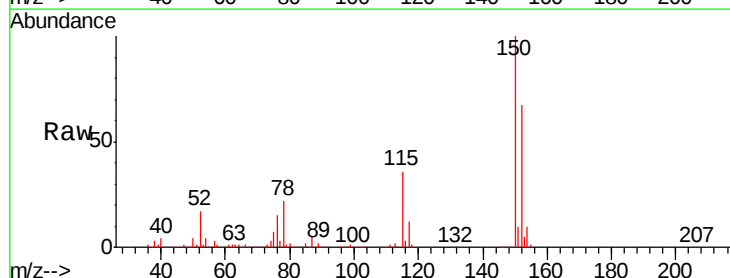
Instrument :
MSVOA_W
ClientSampleId :
WC-10-091919

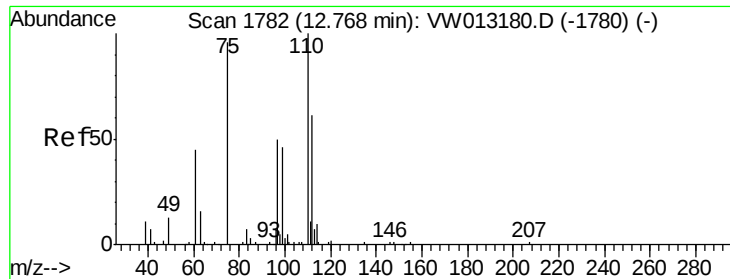
Tgt Ion:117 Resp: 398476
Ion Ratio Lower Upper
117 100
82 56.4 45.9 68.9
119 33.0 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013228.D
Acq: 23 Sep 2019 13:55

Tgt Ion:152 Resp: 160363
Ion Ratio Lower Upper
152 100
115 54.0 27.3 81.9
150 154.3 0.0 349.0

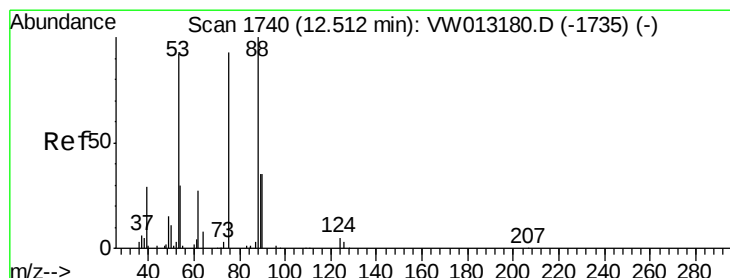
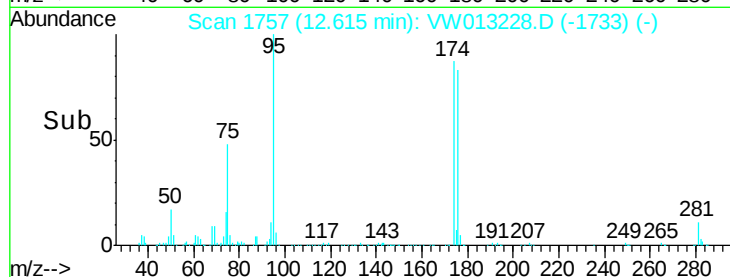
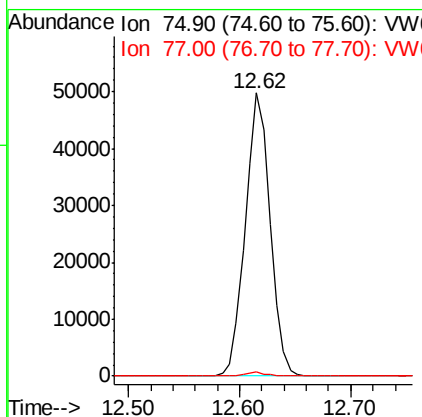
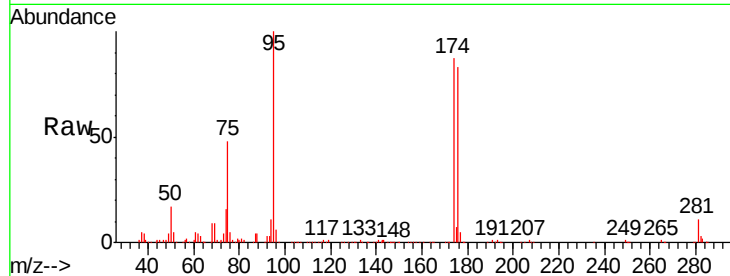




#76
 1,2,3-Trichloropropane
 Concen: 54.358 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.15 min
 Lab File: VW013228.D
 Acq: 23 Sep 2019 13:55

Instrument :
 MSVOA_W
 ClientSampled :
 WC-10-091919

Tgt Ion: 75 Resp: 76983
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 121.975 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW013228.D
 Acq: 23 Sep 2019 13:55

Tgt Ion: 75 Resp: 76983
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.6 114.8#
 89 0.0 33.5 50.3#

