

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093019\
 Data File : VW013338.D
 Acq On : 30 Sep 2019 17:27
 Operator : SY/VA
 Sample : K5083-07
 Misc : 5.09G/5ML/MSVOA W/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 30 18:08:15 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	320826	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	480137	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	413391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	184787	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	142412	54.39	ug/l	0.00
Spiked Amount			Recovery	=	108.78%	
35) Dibromofluoromethane	7.88	113	137330	52.00	ug/l	0.00
Spiked Amount			Recovery	=	104.00%	
50) Toluene-d8	10.32	98	560552	50.72	ug/l	0.00
Spiked Amount			Recovery	=	101.44%	
62) 4-Bromofluorobenzene	12.62	95	179937	47.66	ug/l	0.00
Spiked Amount			Recovery	=	95.32%	

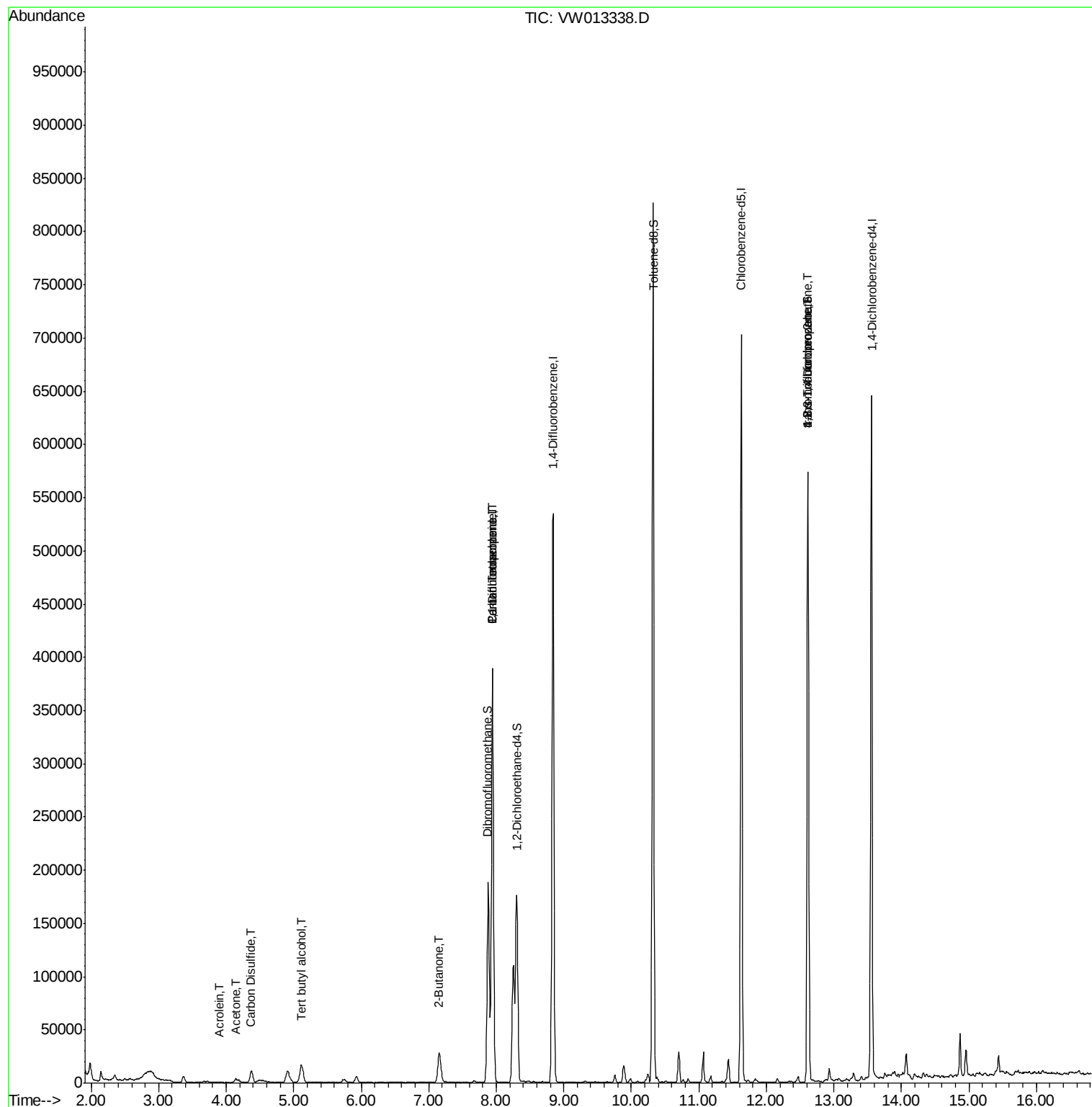
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.12	59	15691	76.219	ug/l #	73
13) Acrolein	3.90	56	517	3.430	ug/l	90
16) Acetone	4.14	43	7517	12.730	ug/l	98
17) Carbon Disulfide	4.37	76	25597	2.970	ug/l	99
25) 2-Butanone	7.16	43	1275	1.438	ug/l #	72
26) 2,2-Dichloropropane	7.17	77	2419	Below Cal	#	52
36) 1,1-Dichloropropene	7.94	75	20663	4.443	ug/l #	49
38) Carbon Tetrachloride	7.94	117	27653	6.633	ug/l #	19
76) 1,2,3-Trichloropropane	12.62	75	85208	52.214	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	85208	117.163	ug/l #	12

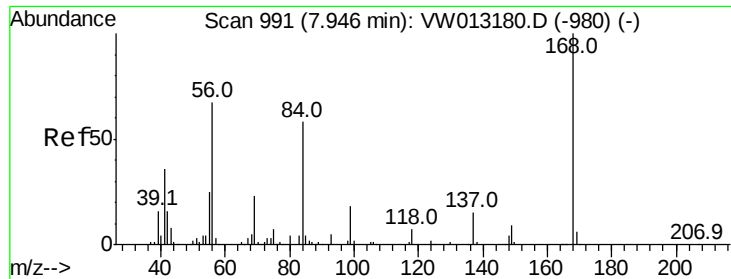
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW093019\
Data File : VW013338.D
Acq On : 30 Sep 2019 17:27
Operator : SY/VA
Sample : K5083-07
Misc : 5.09G/5ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Sep 30 18:08:15 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: VW013338.D

Acq: 30 Sep 2019 17:27

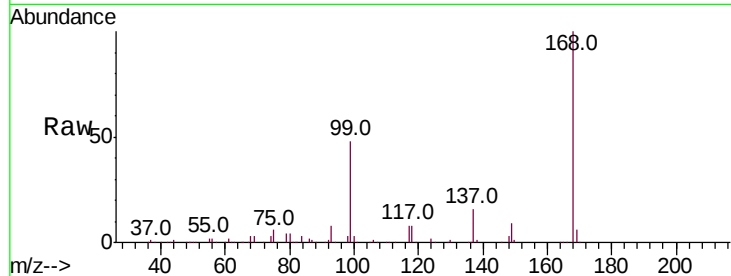
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 320826

Ion Ratio Lower Upper

168 100

99 48.2 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

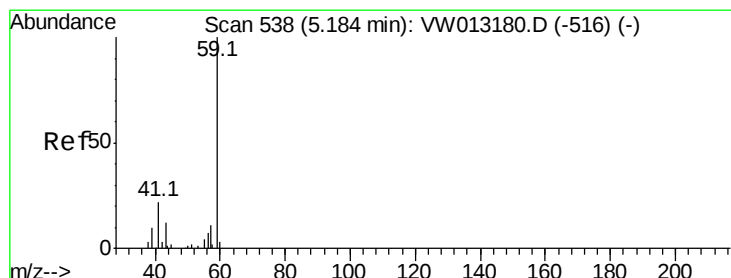
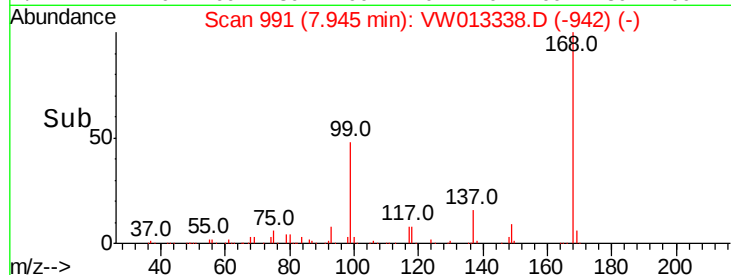
100000

50000

0

7.90 8.00

Time-->



#11

Tert butyl alcohol

Concen: 76.219 ug/l

RT: 5.12 min Scan# 527

Delta R.T. -0.07 min

Lab File: VW013338.D

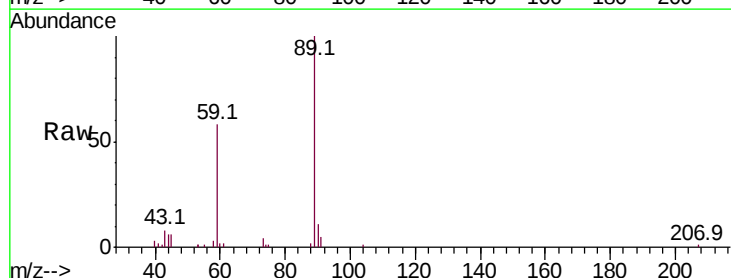
Acq: 30 Sep 2019 17:27

Tgt Ion: 59 Resp: 15691

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

5000

4000

3000

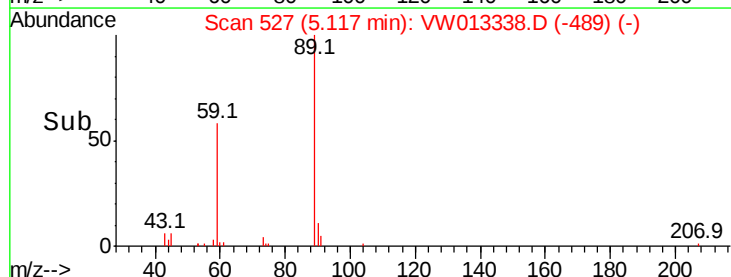
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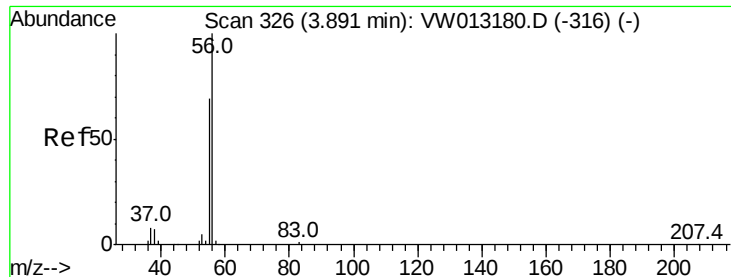
1000

0

5.00 5.10 5.20

Time-->





#13

Acrolein

Concen: 3.430 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW013338.D

Acq: 30 Sep 2019 17:27

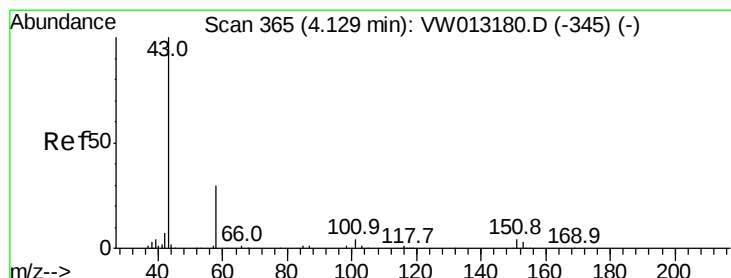
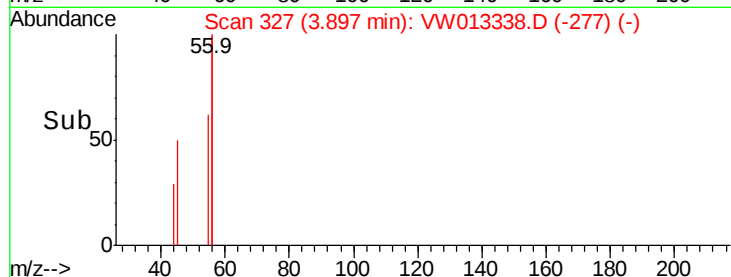
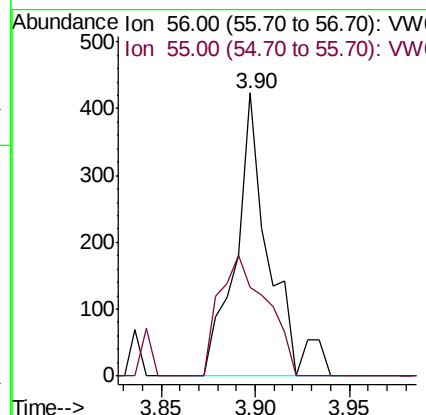
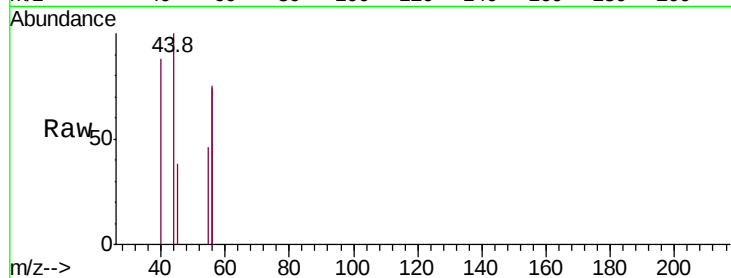
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 517

Ion Ratio Lower Upper

56 100

55 60.9 55.4 83.0



#16

Acetone

Concen: 12.730 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.01 min

Lab File: VW013338.D

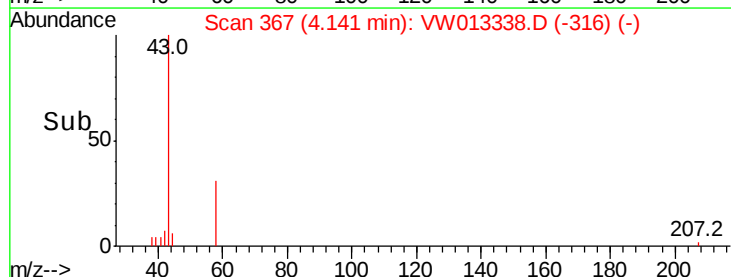
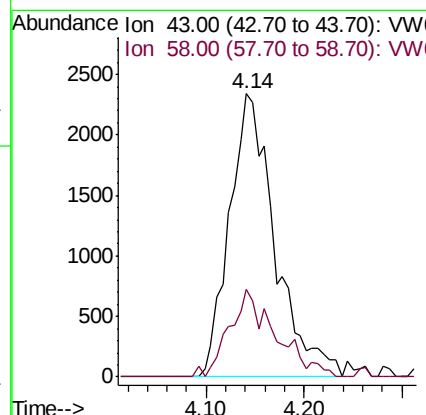
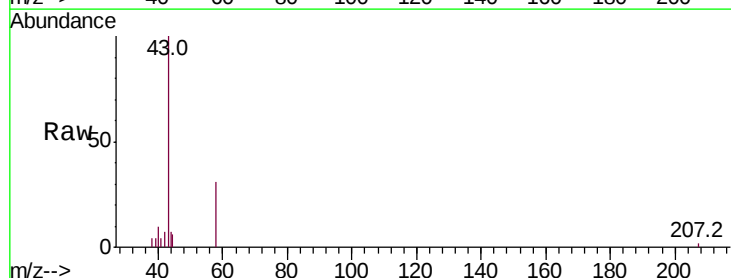
Acq: 30 Sep 2019 17:27

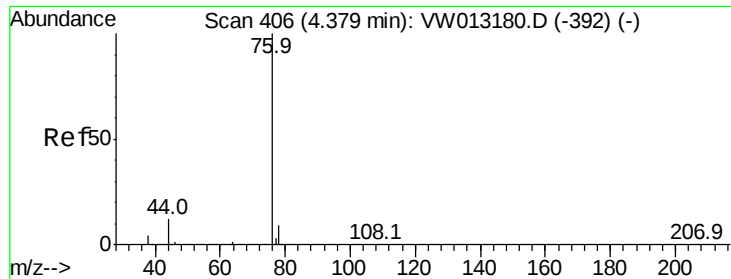
Tgt Ion: 43 Resp: 7517

Ion Ratio Lower Upper

43 100

58 31.0 24.1 36.1

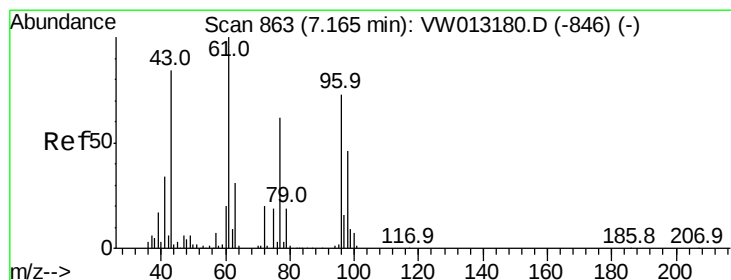
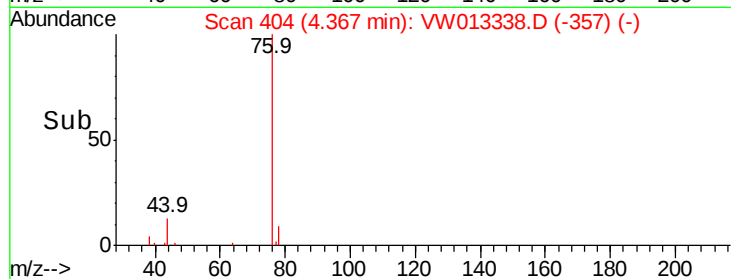
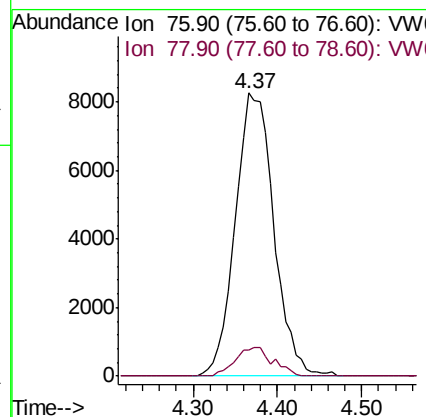
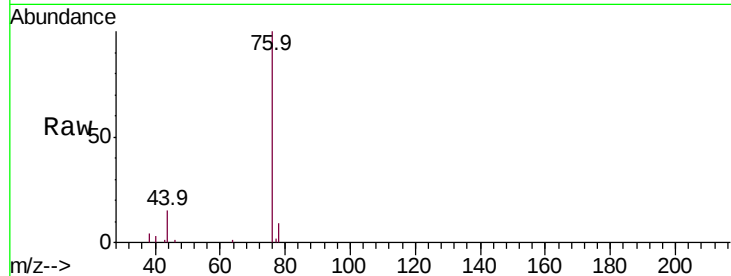




#17
Carbon Disulfide
Concen: 2.970 ug/l
RT: 4.37 min Scan# 404
Delta R.T. -0.01 min
Lab File: VW013338.D
Acq: 30 Sep 2019 17:27

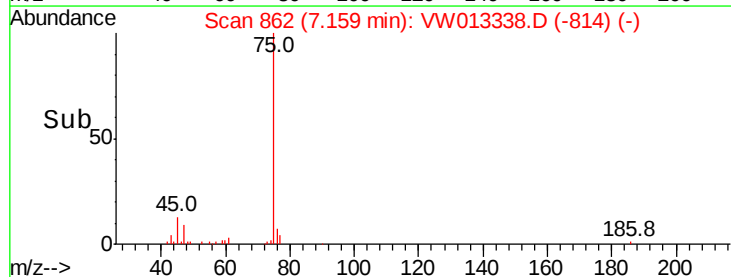
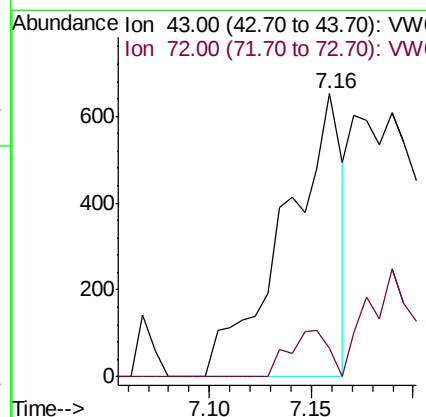
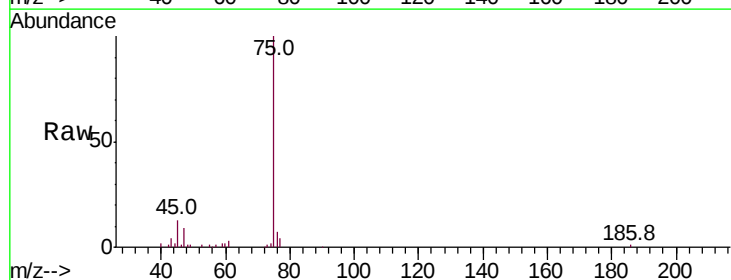
Instrument :
MSVOA_W
ClientSampled :

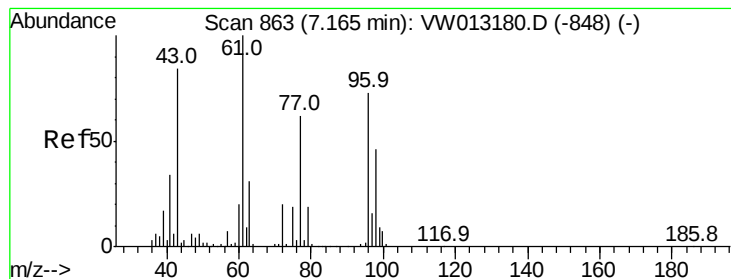
Tot Ion: 76 Resp: 25597
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.4



#25
2-Butanone
Concen: 1.438 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW013338.D
Acq: 30 Sep 2019 17:27

Tgt Ion: 43 Resp: 1275
Ion Ratio Lower Upper
43 100
72 10.3 19.4 29.0#





#26

2,2-Dichloropropane

Concen: Below Cal

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW013338.D

Acq: 30 Sep 2019 17:27

Instrument :

MSVOA_W

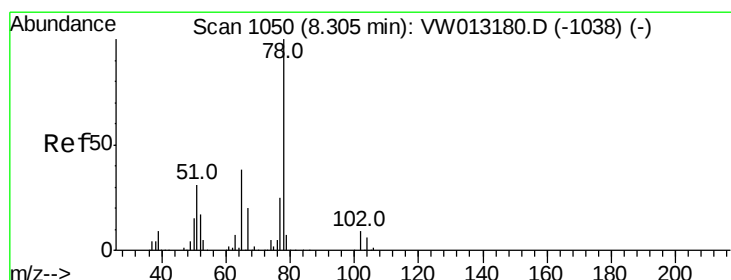
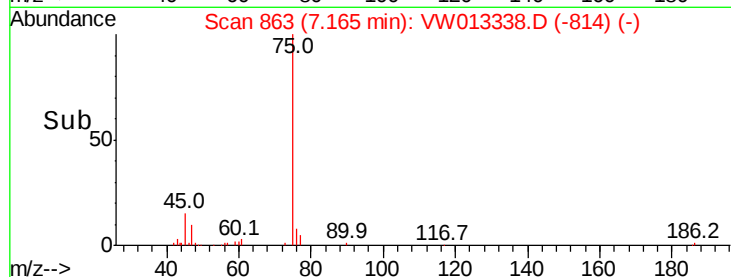
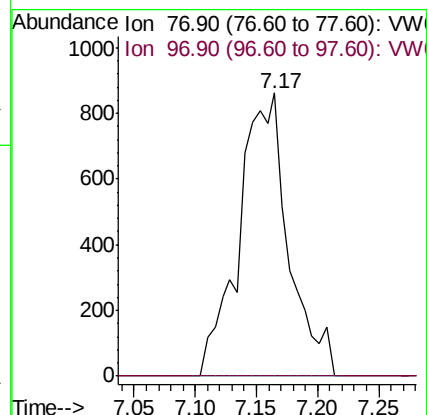
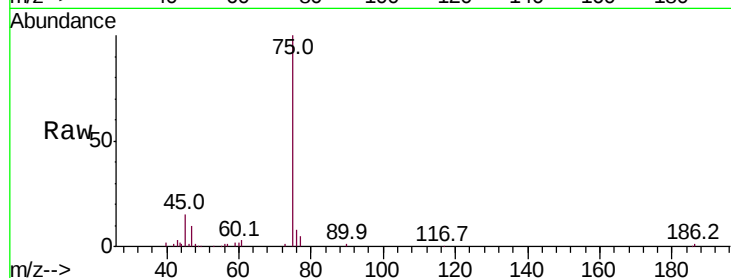
ClientSampled :

Tot Ion: 77 Resp: 2419

Ion Ratio Lower Upper

77 100

97 0.0 11.8 35.4#



#33

1,2-Dichloroethane-d4

Concen: 54.389 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013338.D

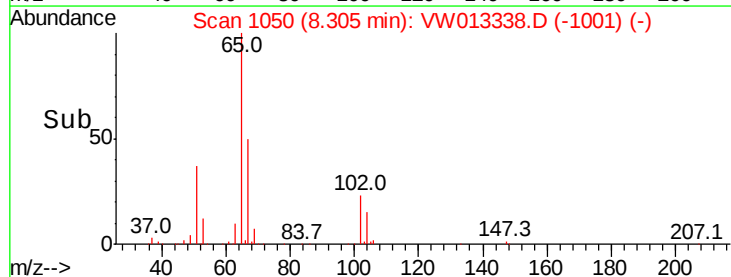
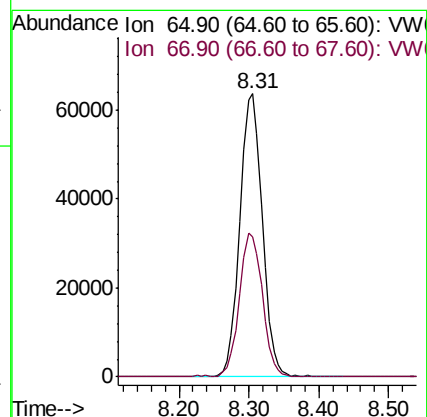
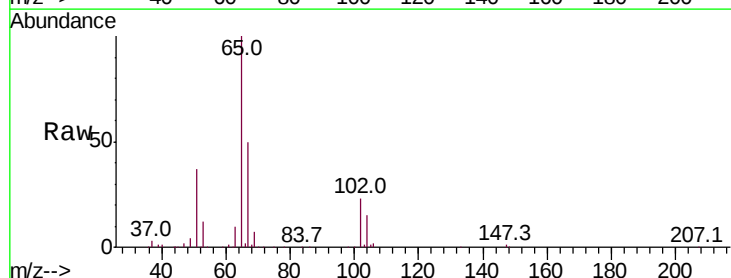
Acq: 30 Sep 2019 17:27

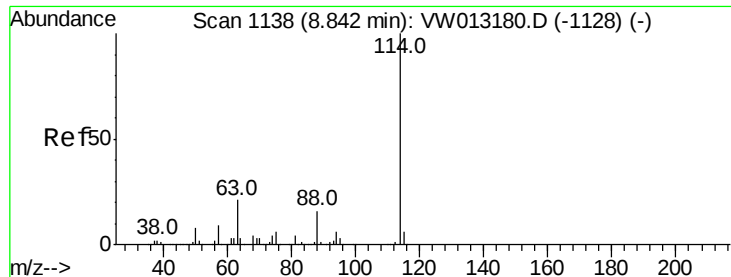
Tgt Ion: 65 Resp: 142412

Ion Ratio Lower Upper

65 100

67 52.2 0.0 106.2

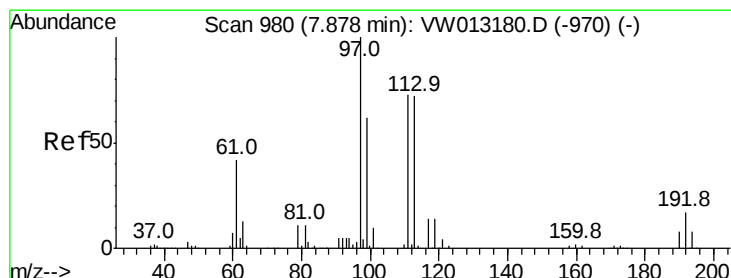
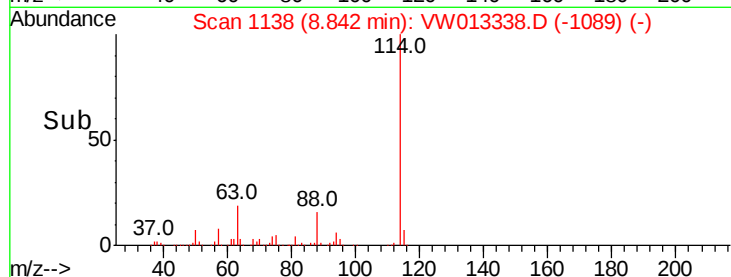
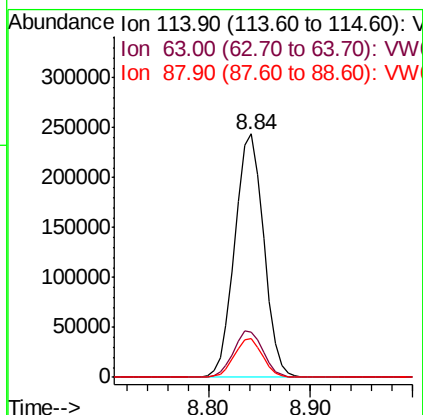
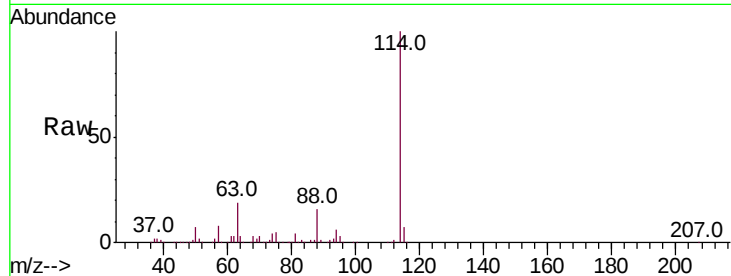




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW013338.D
Acq: 30 Sep 2019 17:27

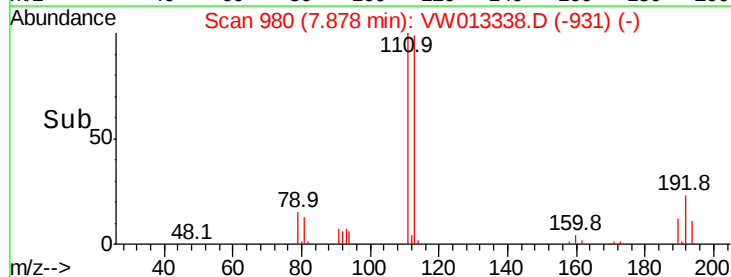
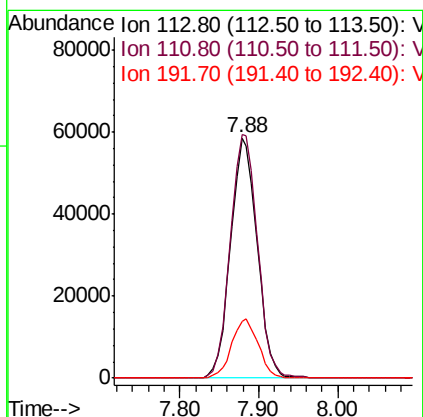
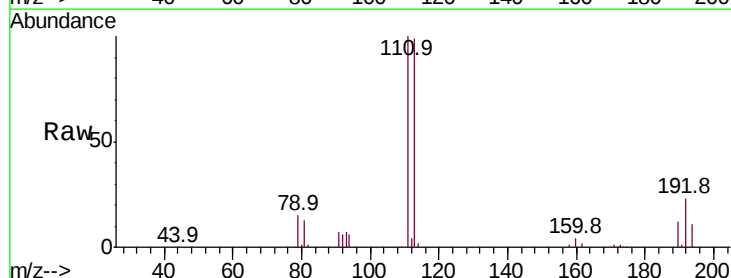
Instrument :
MSVOA_W
ClientSampleId :

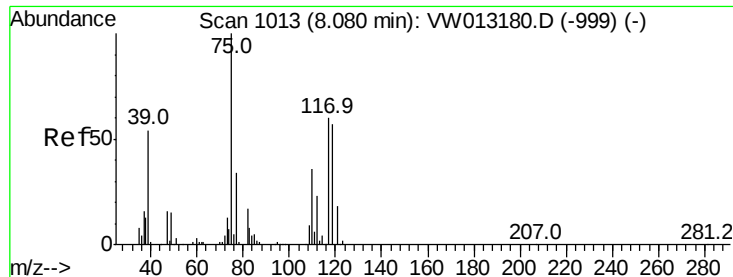
Tot Ion:114 Resp: 480137
Ion Ratio Lower Upper
114 100
63 18.8 0.0 41.4
88 15.8 0.0 32.0



#35
Dibromofluoromethane
Concen: 52.004 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW013338.D
Acq: 30 Sep 2019 17:27

Tgt Ion:113 Resp: 137330
Ion Ratio Lower Upper
113 100
111 103.8 81.9 122.9
192 24.7 19.1 28.7

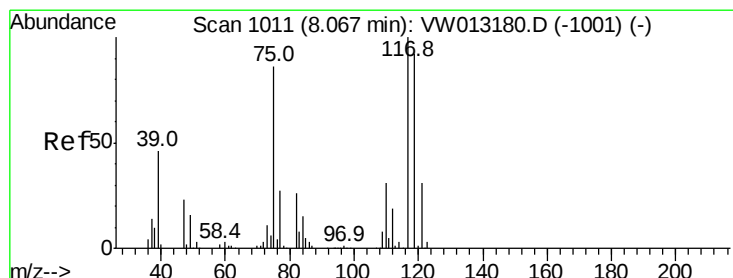
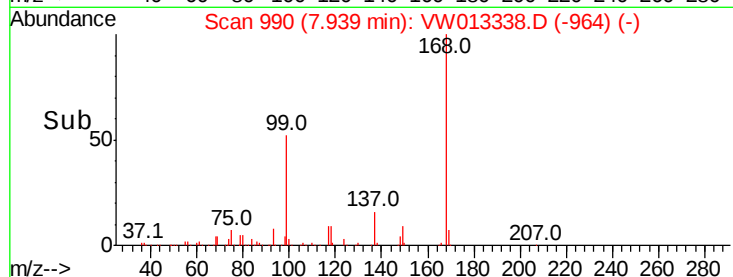
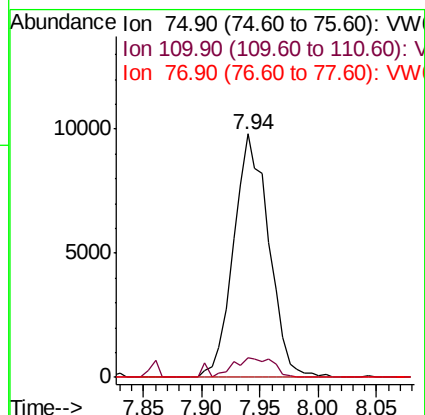
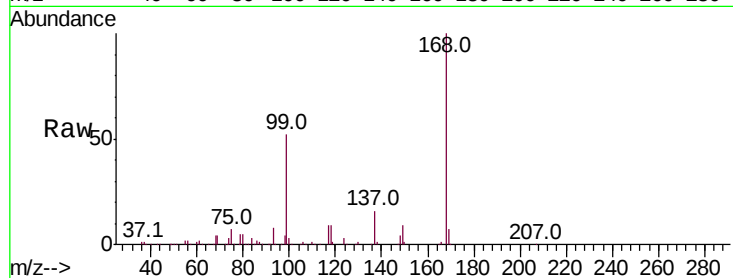




#36
 1,1-Dichloropropene
 Concen: 4.443 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW013338.D
 Acq: 30 Sep 2019 17:27

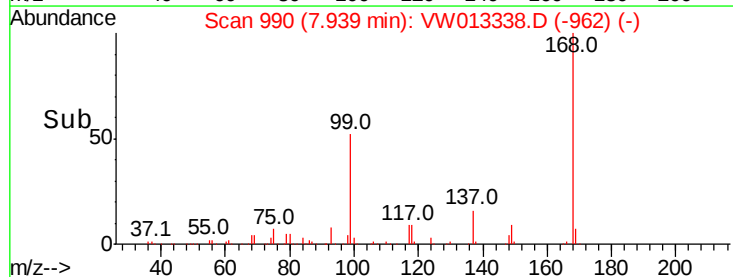
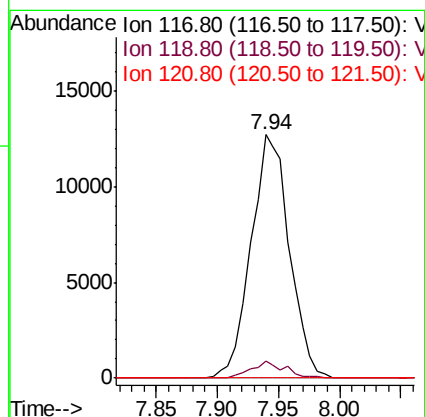
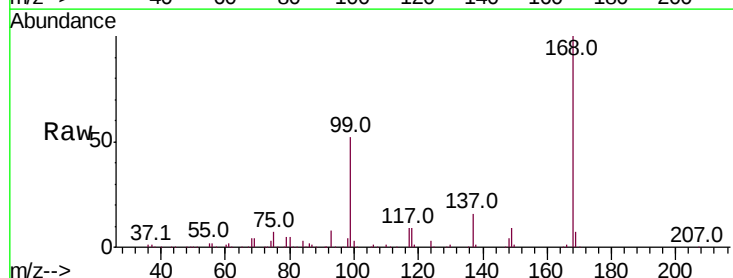
Instrument :
 MSVOA_W
 ClientSampleId :

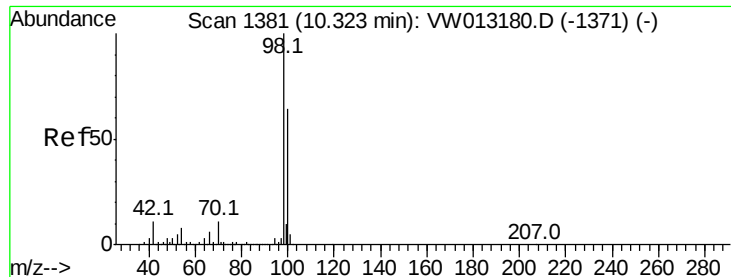
Tot Ion	Ratio	Lower	Upper
75	100		
110	9.1	18.1	54.3#
77	0.0	25.8	38.6#



#38
 Carbon Tetrachloride
 Concen: 6.633 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.13 min
 Lab File: VW013338.D
 Acq: 30 Sep 2019 17:27

Tgt Ion	Ratio	Lower	Upper
117	100		
119	7.1	73.5	110.3#
121	0.0	25.0	37.6#





#50

Toluene-d8

Concen: 50.720 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013338.D

Acq: 30 Sep 2019 17:27

Instrument :

MSVOA_W

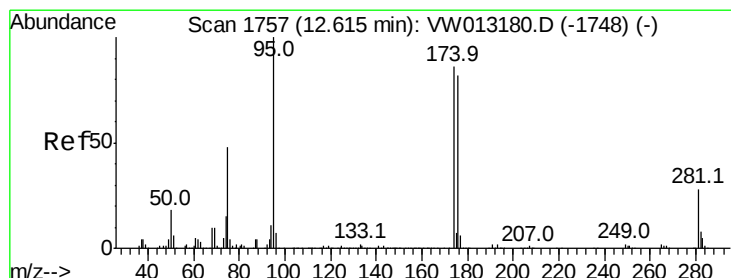
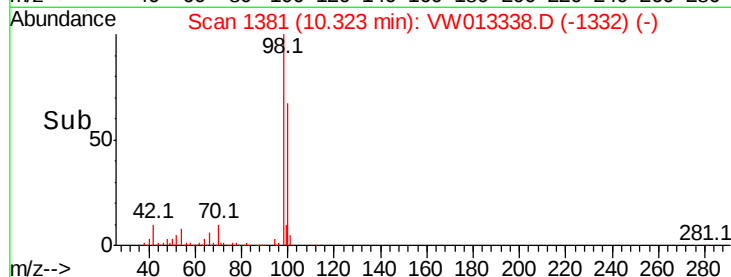
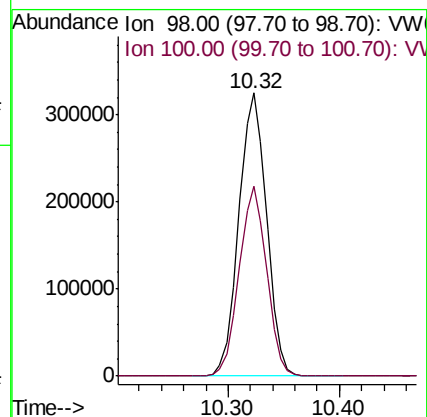
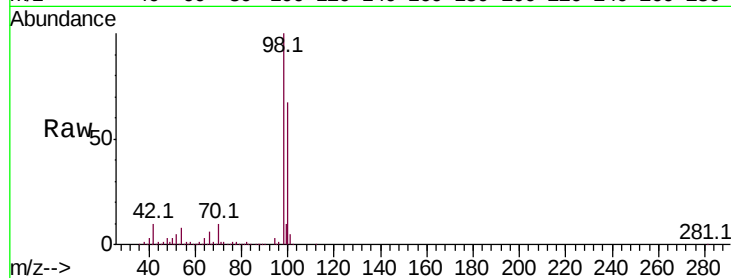
ClientSampleId :

Tot Ion: 98 Resp: 560552

Ion Ratio Lower Upper

98 100

100 66.2 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 47.663 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013338.D

Acq: 30 Sep 2019 17:27

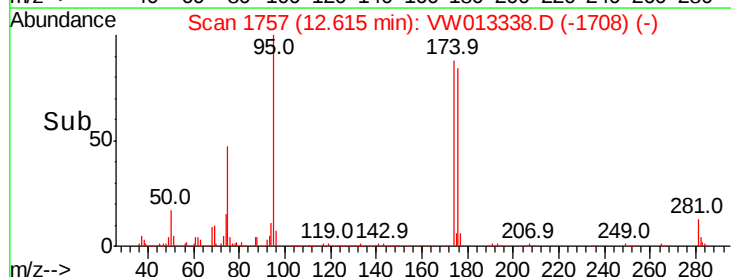
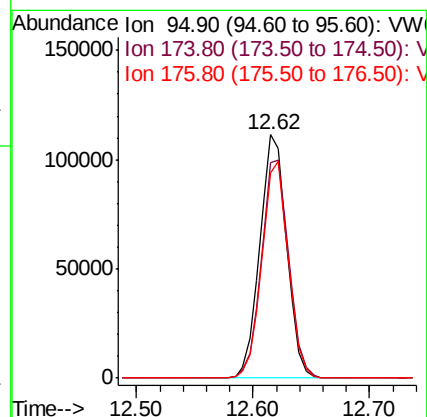
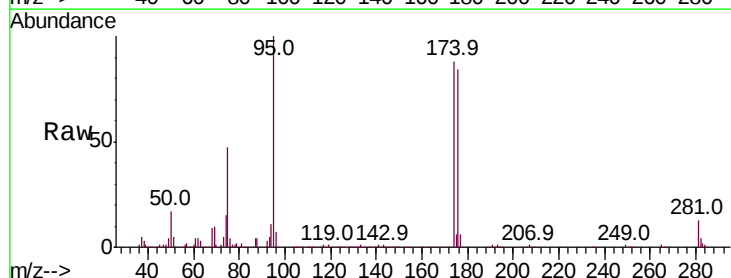
Tgt Ion: 95 Resp: 179937

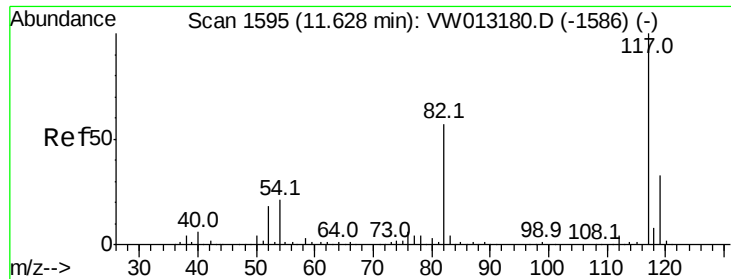
Ion Ratio Lower Upper

95 100

174 91.1 0.0 178.4

176 87.6 0.0 172.2

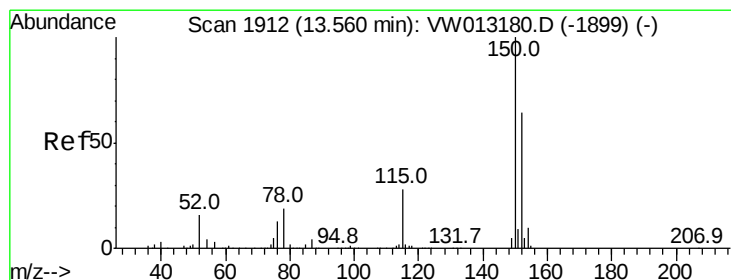
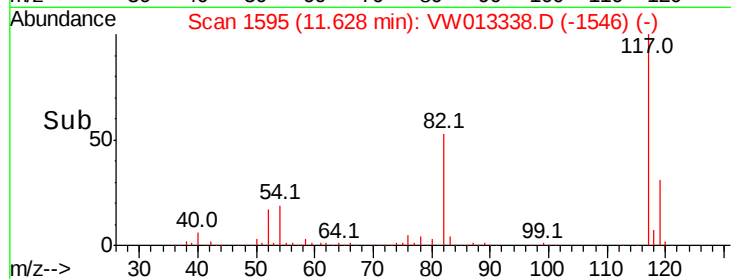
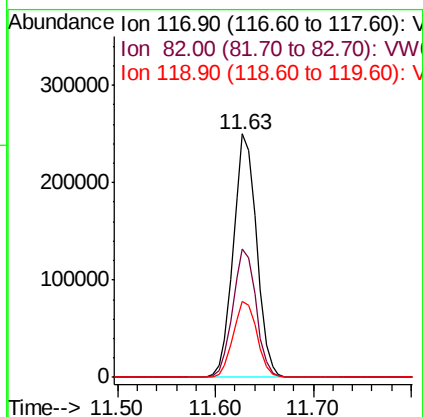
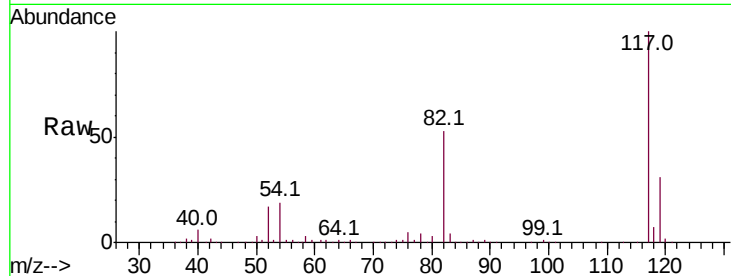




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013338.D
Acq: 30 Sep 2019 17:27

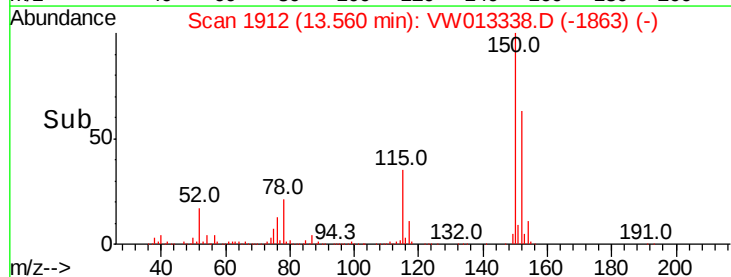
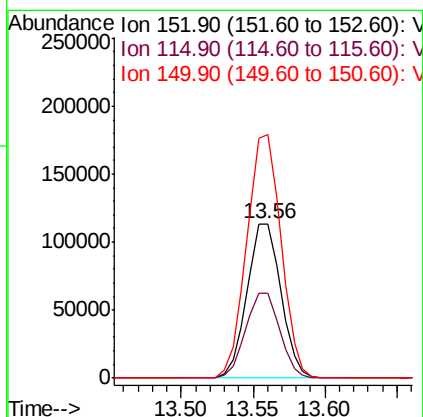
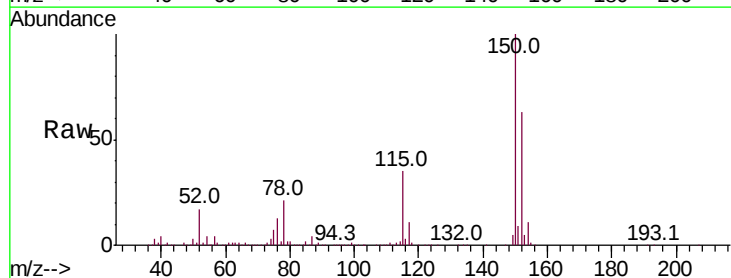
Instrument :
MSVOA_W
ClientSampleId :

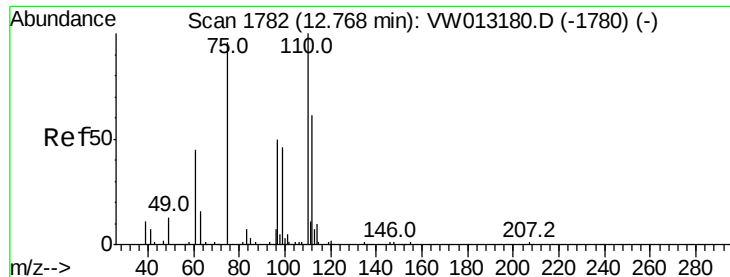
Tot Ion:117 Resp: 413391
Ion Ratio Lower Upper
117 100
82 53.0 45.9 68.9
119 31.3 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013338.D
Acq: 30 Sep 2019 17:27

Tgt Ion:152 Resp: 184787
Ion Ratio Lower Upper
152 100
115 55.9 27.3 81.9
150 159.7 0.0 349.0





#76

1,2,3-Trichloropropane

Concen: 52.214 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013338.D

Acq: 30 Sep 2019 17:27

Instrument :

MSVOA_W

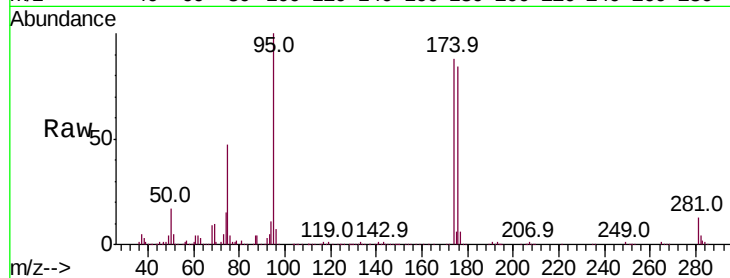
ClientSampleId :

Tot Ion: 75 Resp: 85208

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW

60000

50000

40000

30000

20000

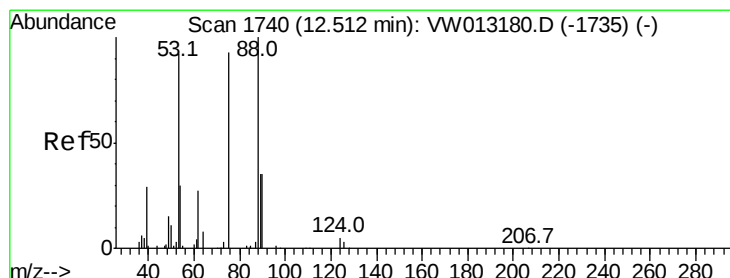
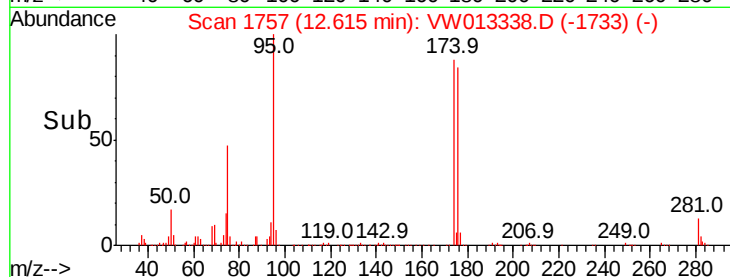
10000

0

12.62

12.60 12.70

Time-->



#81

trans-1,4-Dichloro-2-butene

Concen: 117.163 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013338.D

Acq: 30 Sep 2019 17:27

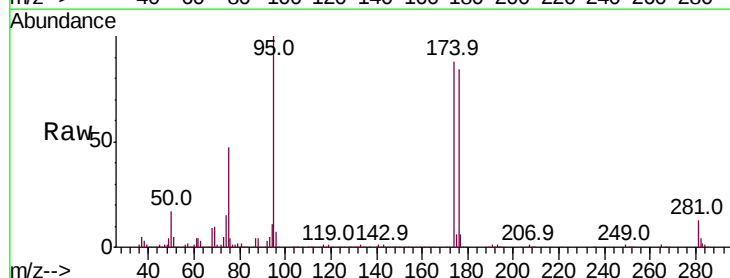
Tgt Ion: 75 Resp: 85208

Ion Ratio Lower Upper

75 100

53 0.1 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

60000

50000

40000

30000

20000

10000

0

12.62

12.60 12.70

Time-->

