

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092319\
 Data File : VW013222.D
 Acq On : 23 Sep 2019 11:07
 Operator : SY/VA
 Sample : VW0923SBL01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0923SBL01

Quant Time: Sep 24 06:37:36 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	306940	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	449324	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	381294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	170755	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	127332	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.66%	
35) Dibromofluoromethane	7.88	113	126969	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.76%	
50) Toluene-d8	10.32	98	518635	50.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.30%	
62) 4-Bromofluorobenzene	12.62	95	166472	47.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.24%	

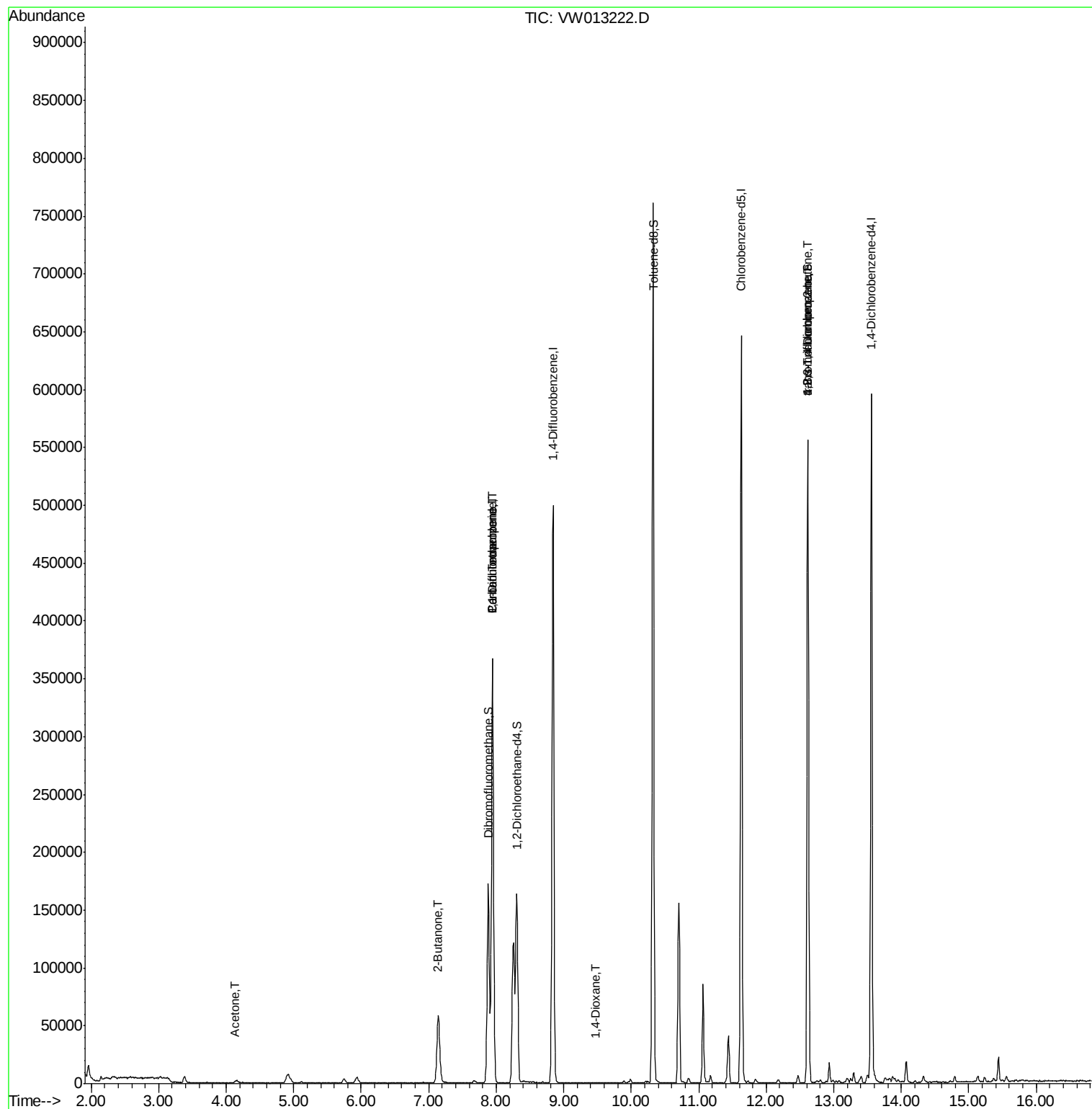
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.20	59	350	Below Cal	#	73
16) Acetone	4.14	43	1880	3.328	ug/l	99
20) Methylene Chloride	4.91	84	5837	Below Cal	#	88
25) 2-Butanone	7.13	43	3486	4.111	ug/l #	72
26) 2,2-Dichloropropane	7.14	77	4729	Below Cal	#	52
36) 1,1-Dichloropropene	7.95	75	20168	4.634	ug/l #	49
38) Carbon Tetrachloride	7.95	117	26733	6.852	ug/l #	17
49) 1,4-Dioxane	9.47	88	61	2.824	ug/l #	8
76) 1,2,3-Trichloropropane	12.62	75	79406	52.657	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	79406	118.157	ug/l #	12

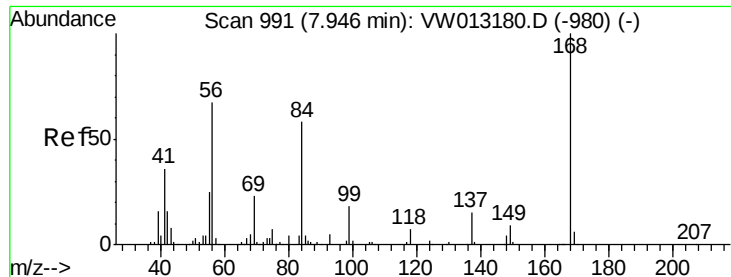
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW092319\
Data File : VW013222.D
Acq On : 23 Sep 2019 11:07
Operator : SY/VA
Sample : VW0923SBL01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0923SBL01

Quant Time: Sep 24 06:37:36 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: VW013222.D

Acq: 23 Sep 2019 11:07

Instrument :

MSVOA_W

ClientSampleId :

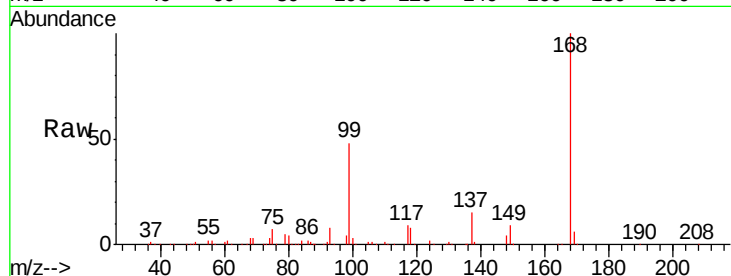
VW0923SBL01

Tgt Ion: 168 Resp: 306940

Ion Ratio Lower Upper

168 100

99 48.2 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

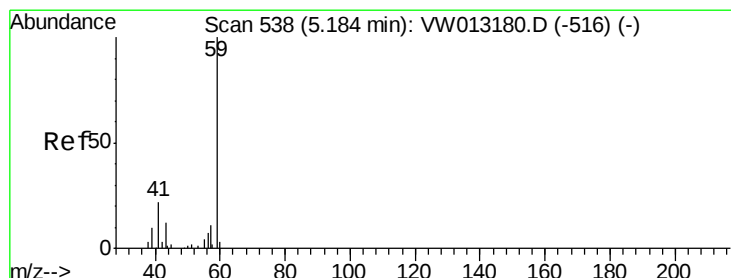
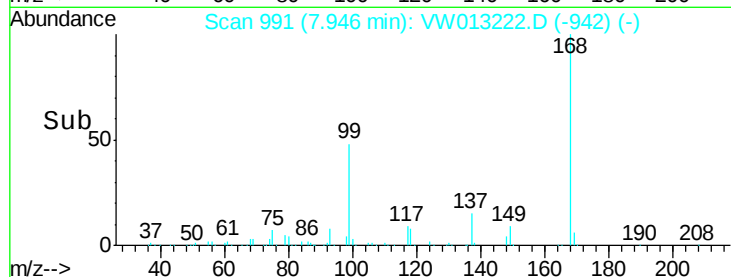
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.20 min Scan# 541

Delta R.T. 0.02 min

Lab File: VW013222.D

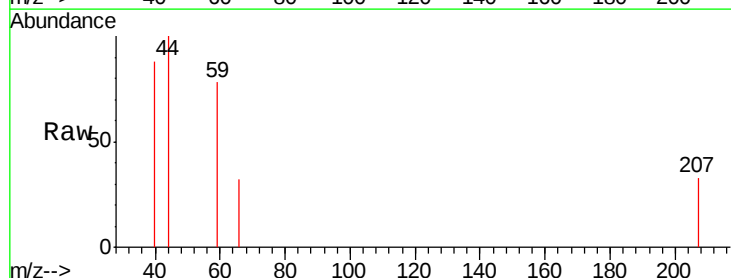
Acq: 23 Sep 2019 11:07

Tgt Ion: 59 Resp: 350

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

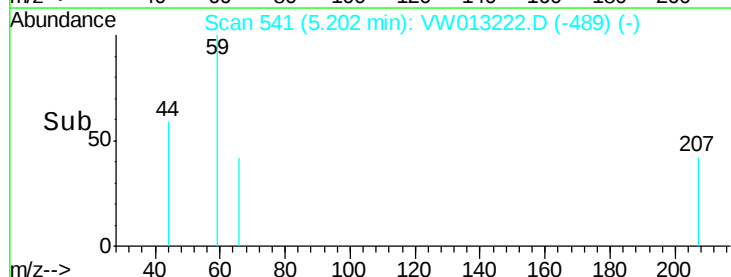
150

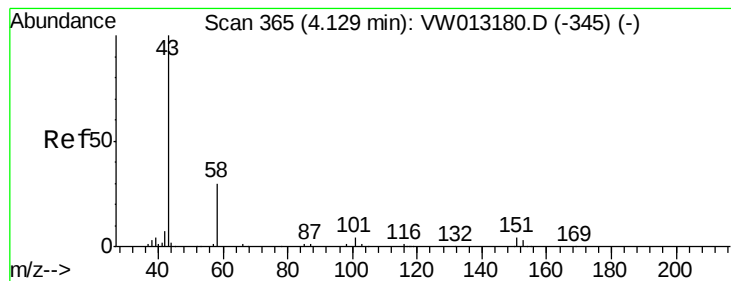
100

50

0

Time--> 5.16 5.18 5.20 5.22





#16

Acetone

Concen: 3.328 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW013222.D

Acq: 23 Sep 2019 11:07

Instrument :

MSVOA_W

ClientSampled :

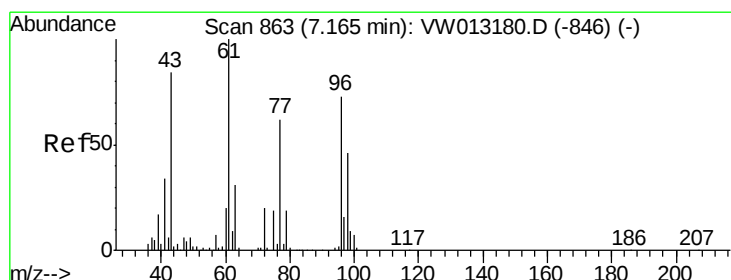
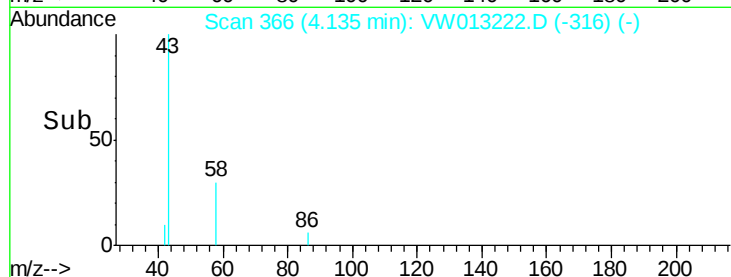
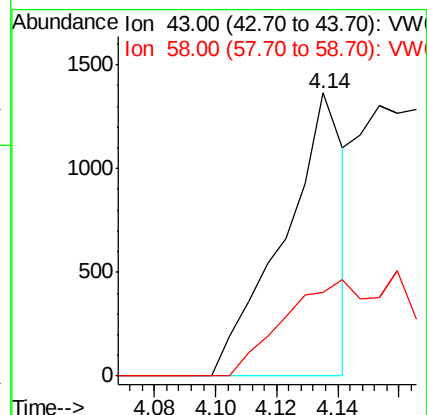
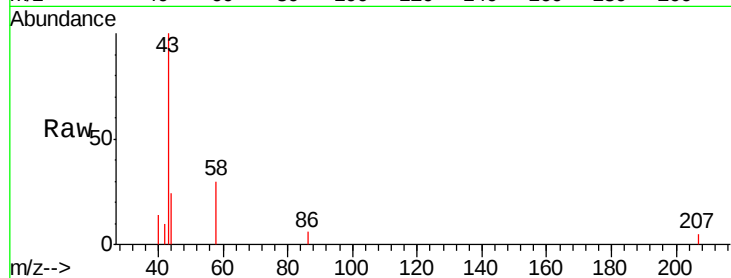
VW0923SBL01

Tgt Ion: 43 Resp: 1880

Ion Ratio Lower Upper

43 100

58 29.8 24.1 36.1



#25

2-Butanone

Concen: 4.111 ug/l

RT: 7.13 min Scan# 857

Delta R.T. -0.04 min

Lab File: VW013222.D

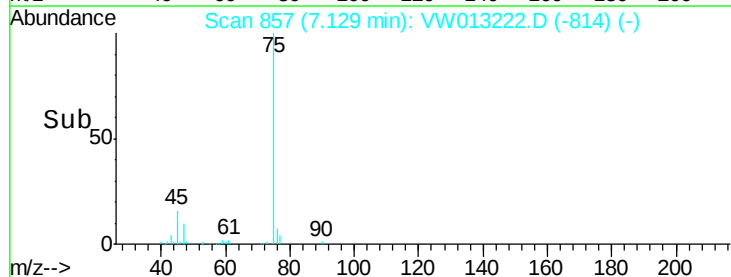
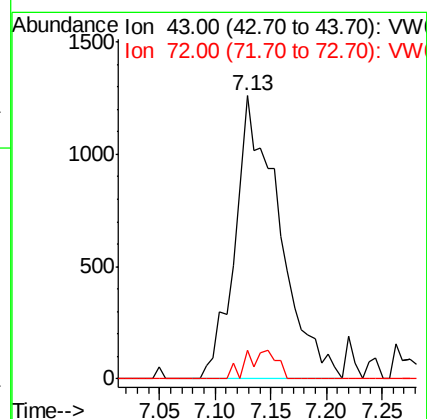
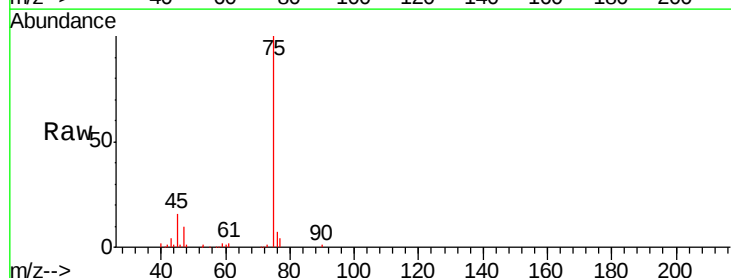
Acq: 23 Sep 2019 11:07

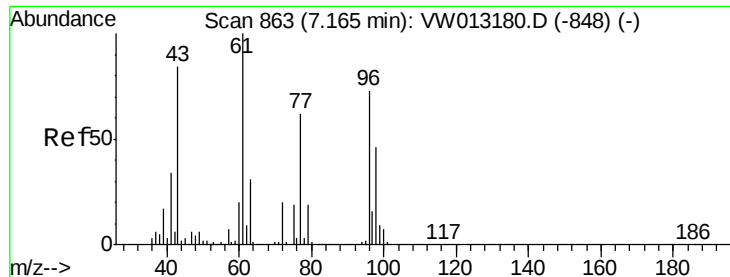
Tgt Ion: 43 Resp: 3486

Ion Ratio Lower Upper

43 100

72 10.2 19.4 29.0#





#26

2,2-Dichloropropane

Concen: Below Cal

RT: 7.14 min Scan# 859

Delta R.T. -0.02 min

Lab File: VW013222.D

Acq: 23 Sep 2019 11:07

Instrument :

MSVOA_W

ClientSampleId :

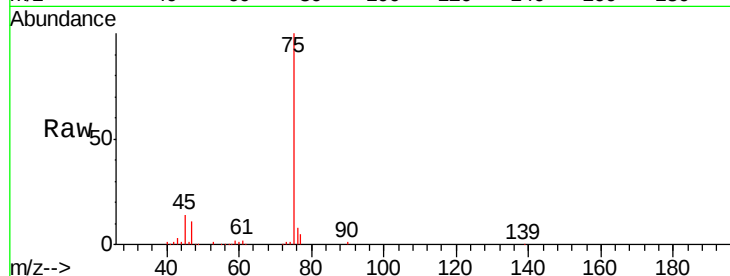
VW0923SBL01

Tgt Ion: 77 Resp: 4729

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

7.14

2000

1500

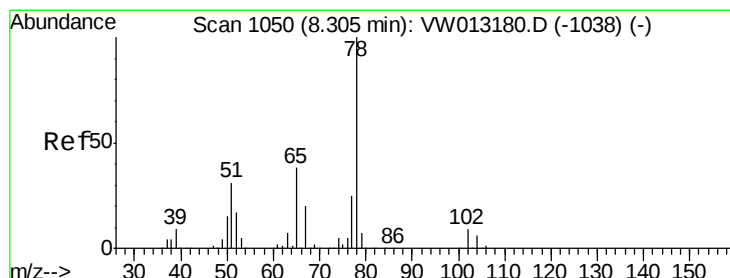
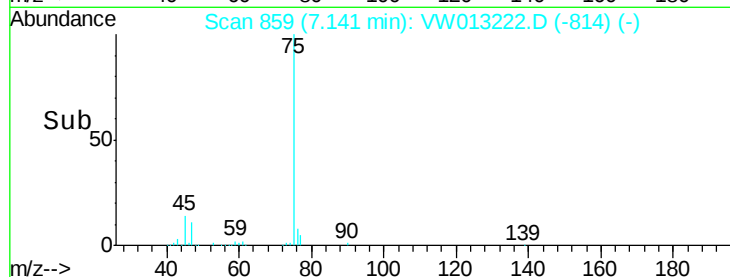
1000

500

0

7.05 7.10 7.15 7.20 7.25

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.830 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013222.D

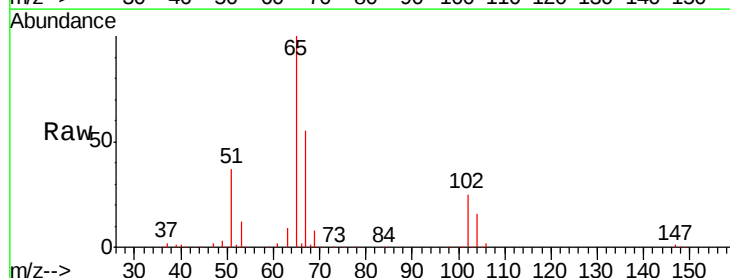
Acq: 23 Sep 2019 11:07

Tgt Ion: 65 Resp: 127332

Ion Ratio Lower Upper

65 100

67 53.8 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

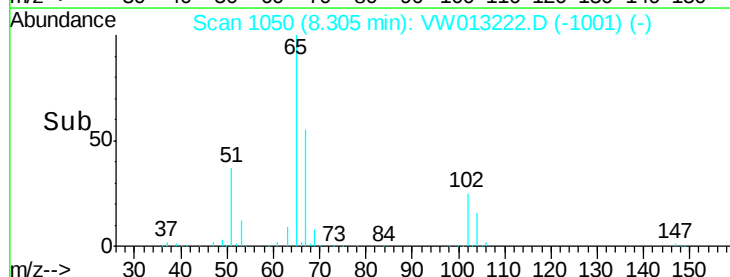
40000

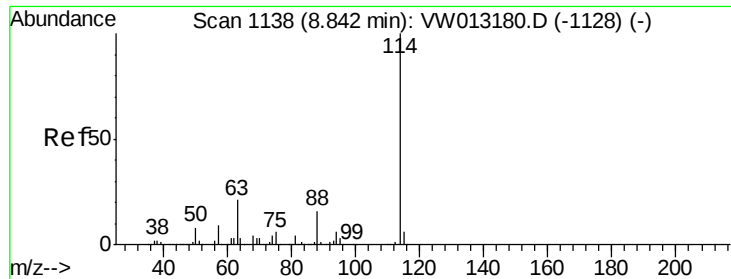
20000

0

8.20 8.30 8.40

Time-->

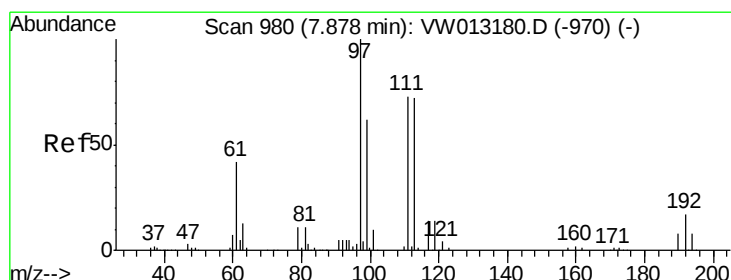
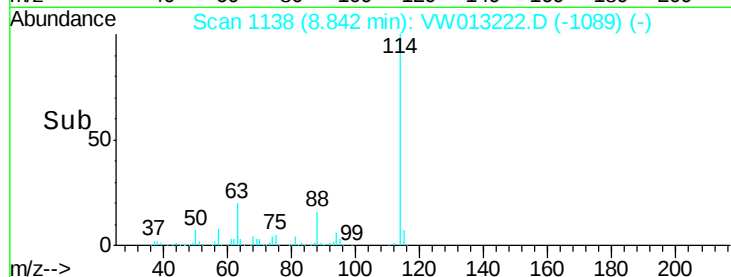
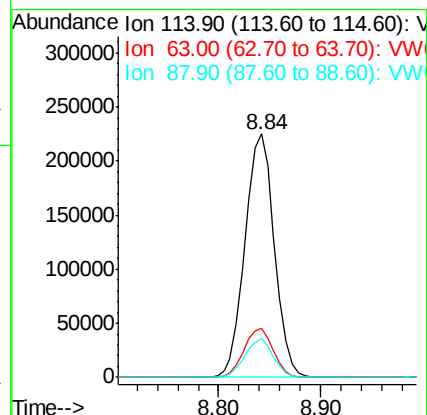
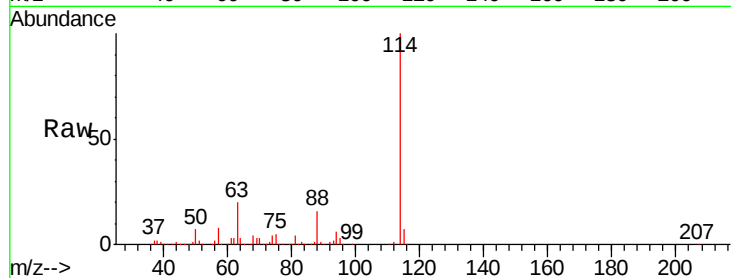




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW013222.D
 Acq: 23 Sep 2019 11:07

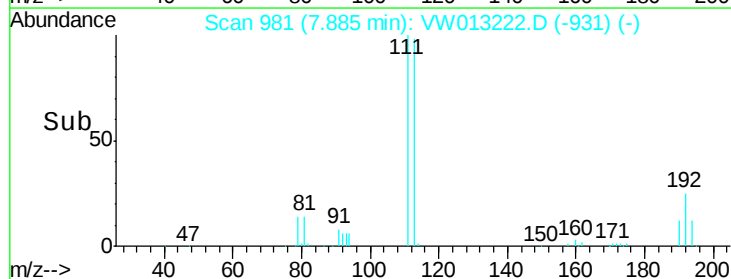
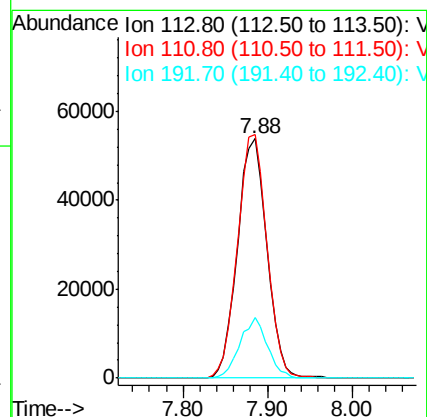
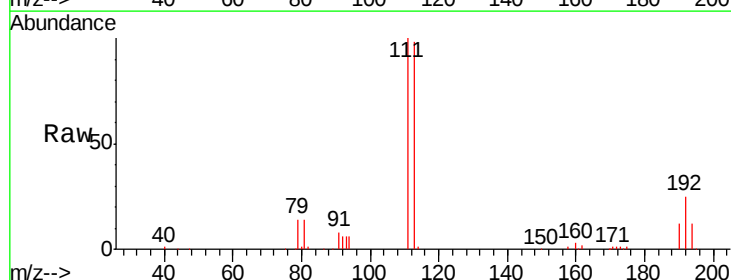
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0923SBL01

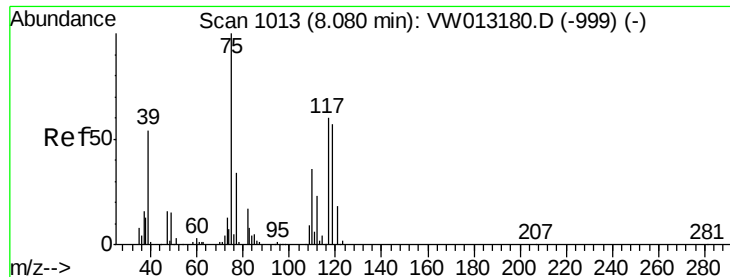
Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	41.4
88	15.9	0.0	32.0



#35
 Dibromofluoromethane
 Concen: 51.378 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW013222.D
 Acq: 23 Sep 2019 11:07

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.9	122.9
192	23.6	19.1	28.7

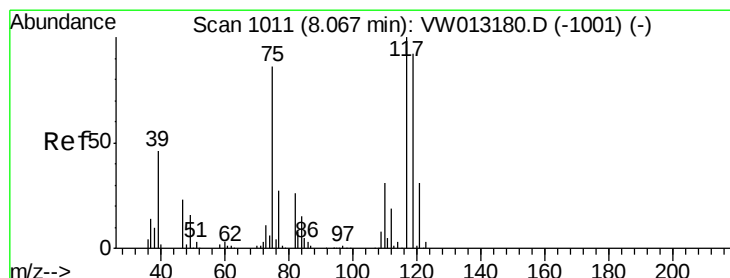
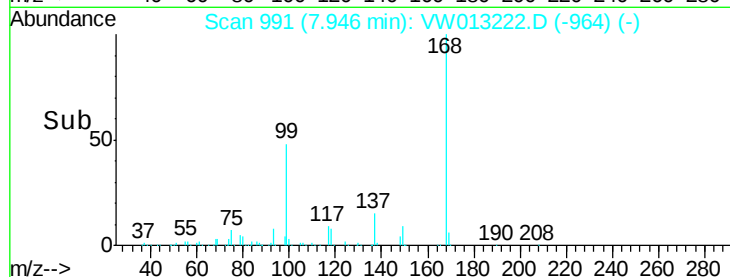
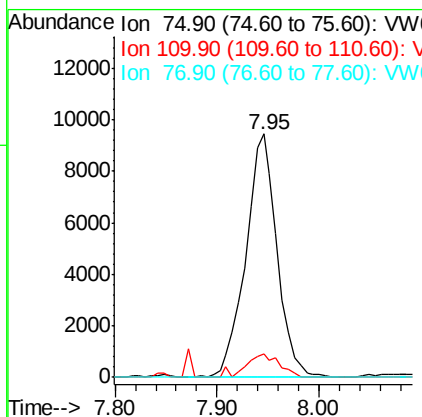
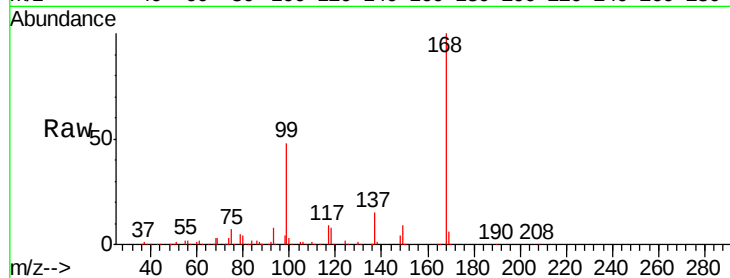




#36
 1,1-Dichloropropene
 Concen: 4.634 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW013222.D
 Acq: 23 Sep 2019 11:07

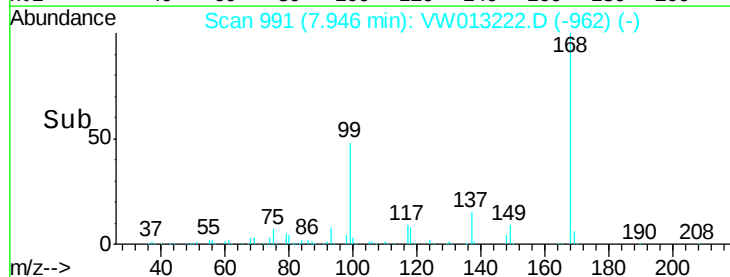
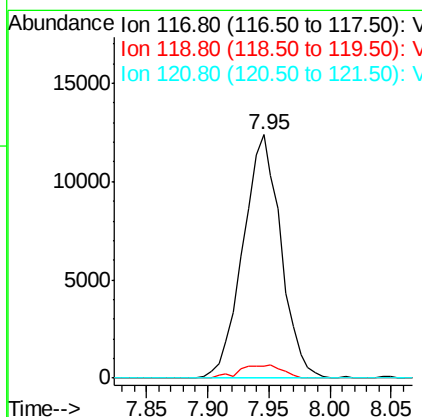
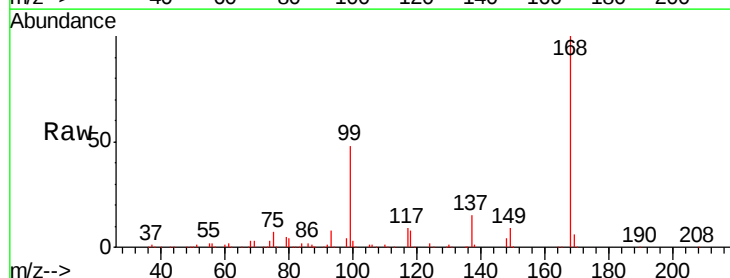
Instrument :
 MSVOA_W
 ClientSampleId :
 VW0923SBL01

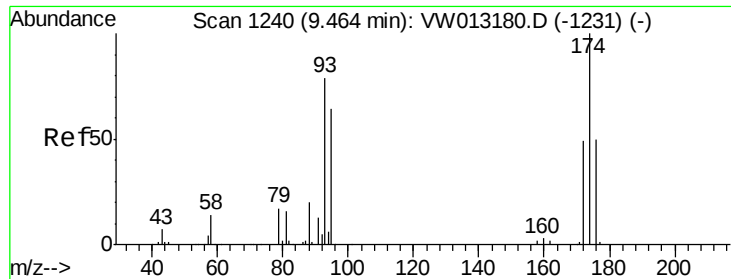
Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.7	18.1	54.3#
77	0.0	25.8	38.6#



#38
 Carbon Tetrachloride
 Concen: 6.852 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW013222.D
 Acq: 23 Sep 2019 11:07

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.8	73.5	110.3#
121	0.0	25.0	37.6#





#49

1,4-Dioxane

Concen: 2.824 ug/l

RT: 9.47 min Scan# 1241

Delta R.T. 0.01 min

Lab File: VW013222.D

Acq: 23 Sep 2019 11:07

Instrument :

MSVOA_W

ClientSampled :

VW0923SBL01

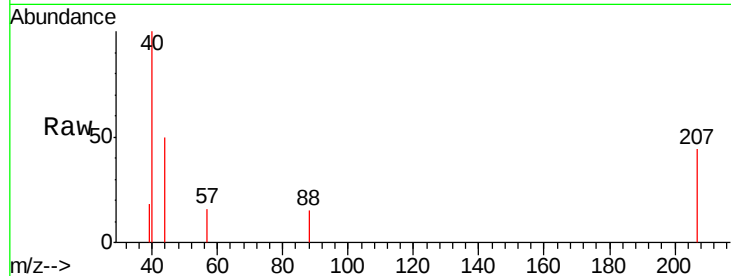
Tgt Ion: 88 Resp: 61

Ion Ratio Lower Upper

88 100

43 37.7 0.0 0.0#

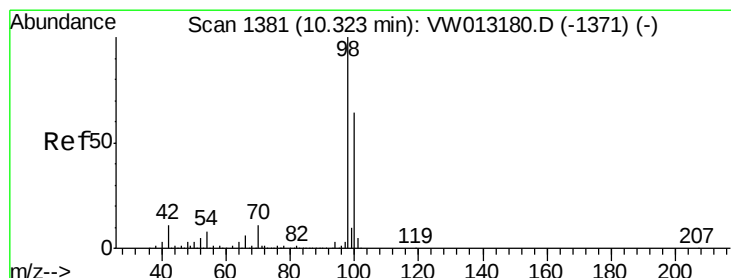
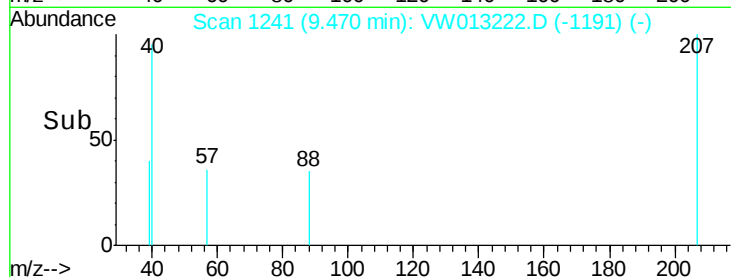
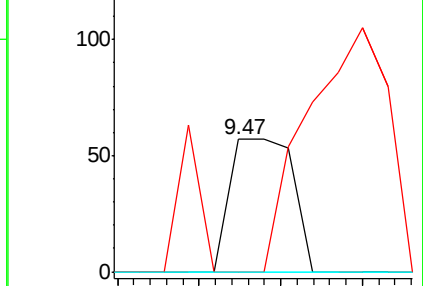
58 0.0 65.4 98.0#



Abundance Ion 88.00 (87.70 to 88.70): VW

Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#50

Toluene-d8

Concen: 50.145 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013222.D

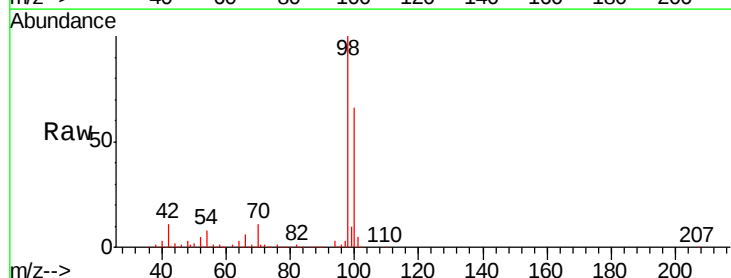
Acq: 23 Sep 2019 11:07

Tgt Ion: 98 Resp: 518635

Ion Ratio Lower Upper

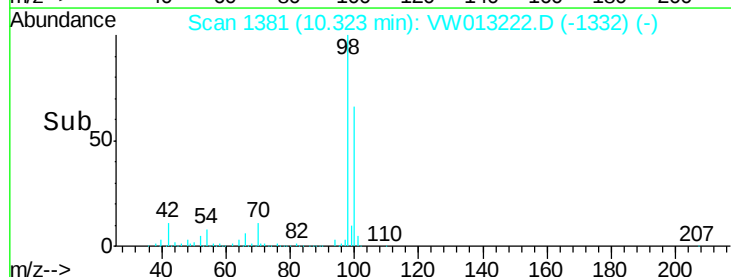
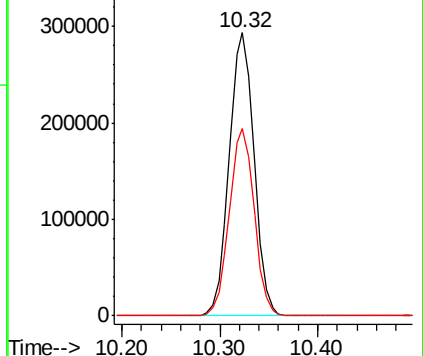
98 100

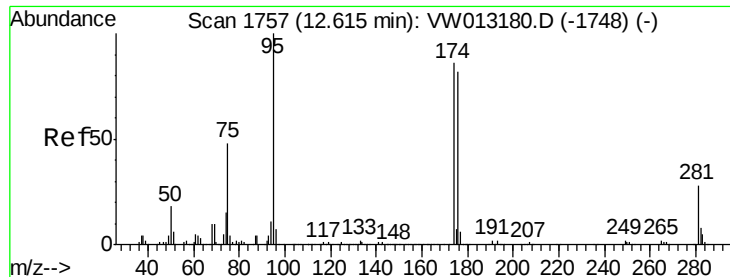
100 66.0 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#62

4-Bromofluorobenzene

Concen: 47.120 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013222.D

Acq: 23 Sep 2019 11:07

Instrument :

MSVOA_W

ClientSampleId :

VW0923SBL01

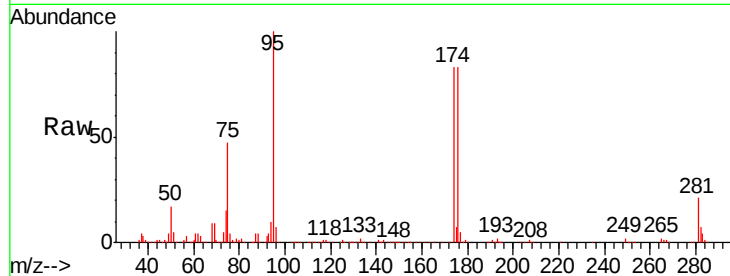
Tgt Ion: 95 Resp: 166472

Ion Ratio Lower Upper

95 100

174 89.6 0.0 178.4

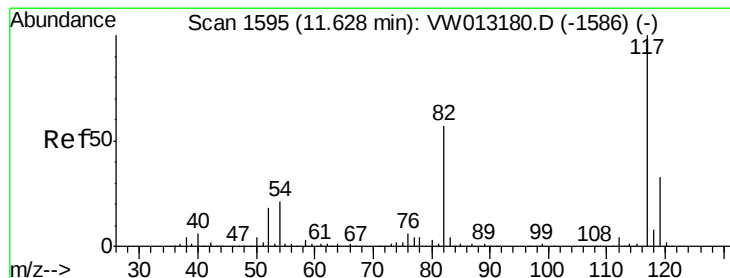
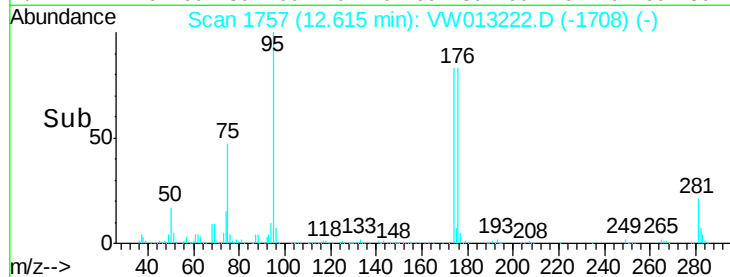
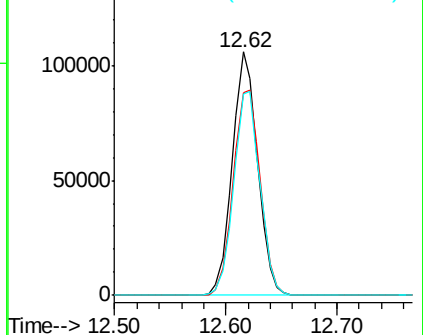
176 86.7 0.0 172.2



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: VW013222.D

Acq: 23 Sep 2019 11:07

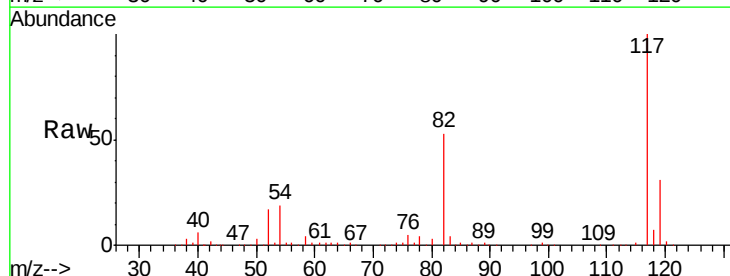
Tgt Ion: 117 Resp: 381294

Ion Ratio Lower Upper

117 100

82 52.6 45.9 68.9

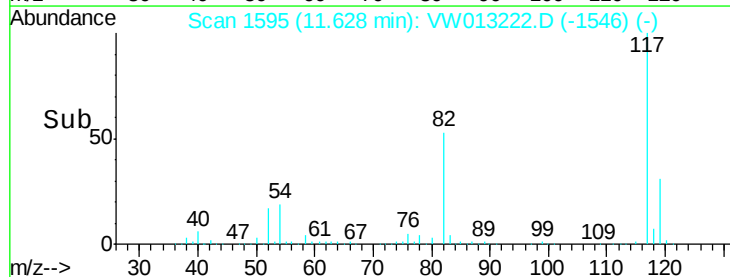
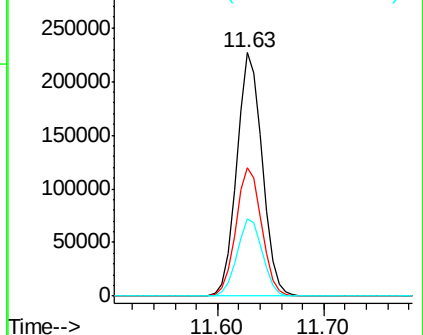
119 31.5 26.2 39.2

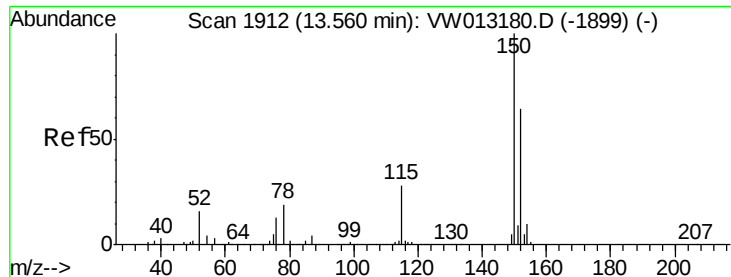


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW



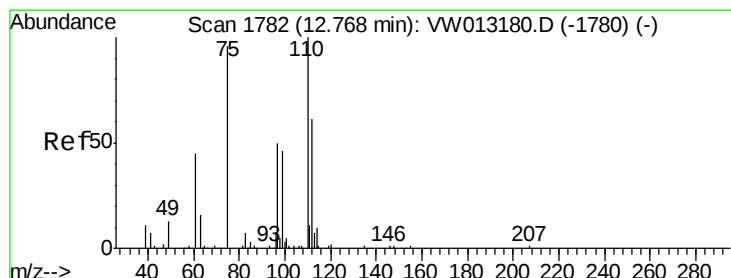
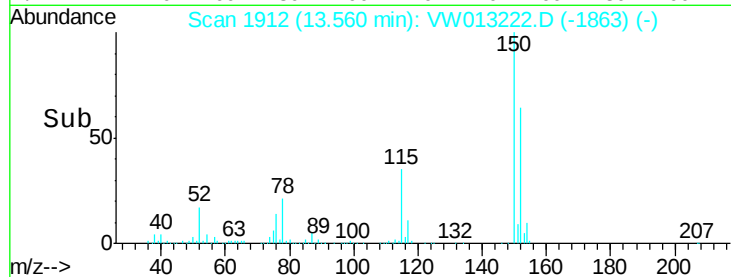
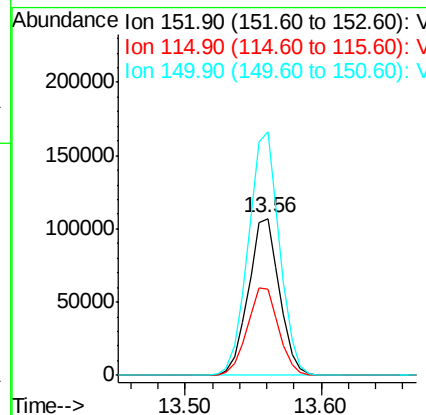
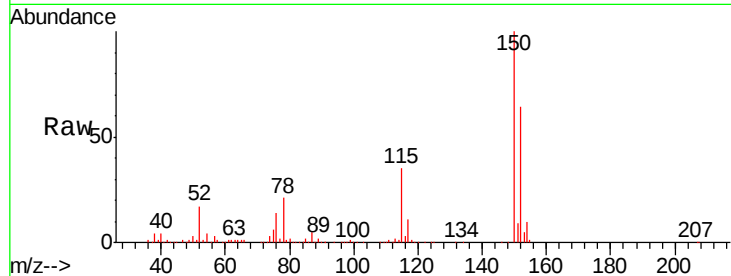


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013222.D
Acq: 23 Sep 2019 11:07

Instrument :
MSVOA_W
ClientSampleId :
VW0923SBL01

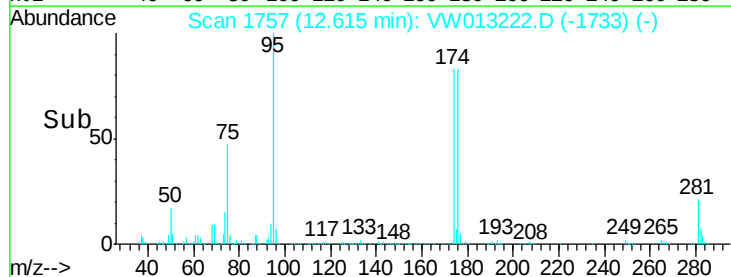
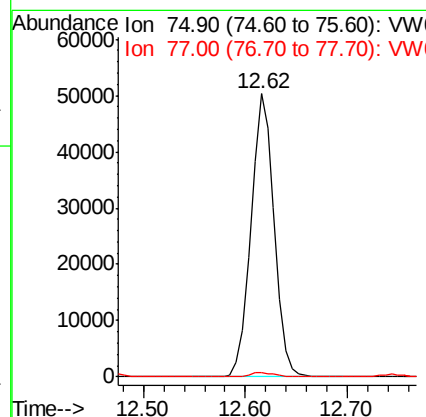
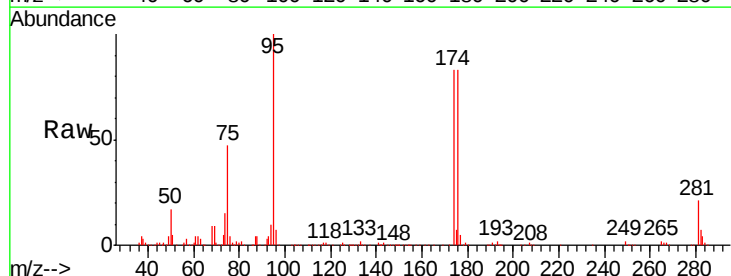
Tgt Ion	Ratio	Lower	Upper
152	100		
115	56.4	27.3	81.9
150	156.2	0.0	349.0

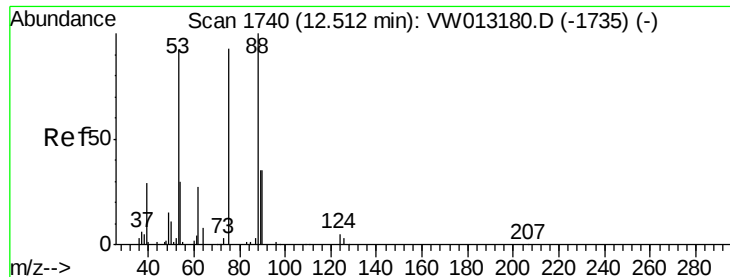


#76

1,2,3-Trichloropropane
Concen: 52.657 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW013222.D
Acq: 23 Sep 2019 11:07

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 118.157 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013222.D

Acq: 23 Sep 2019 11:07

Instrument :

MSVOA_W

ClientSampleId :

VW0923SBL01

Tgt Ion: 75 Resp: 79406

Ion Ratio Lower Upper

75 100

53 0.0 76.6 114.8#

89 0.2 33.5 50.3#

