

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW093019\
 Data File : VW013360.D
 Acq On : 01 Oct 2019 04:41
 Operator : SY/VA
 Sample : K4946-11
 Misc : 7.10G/5ML/MSVOA_W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GP-5 (10-12)

Quant Time: Oct 01 05:43:43 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

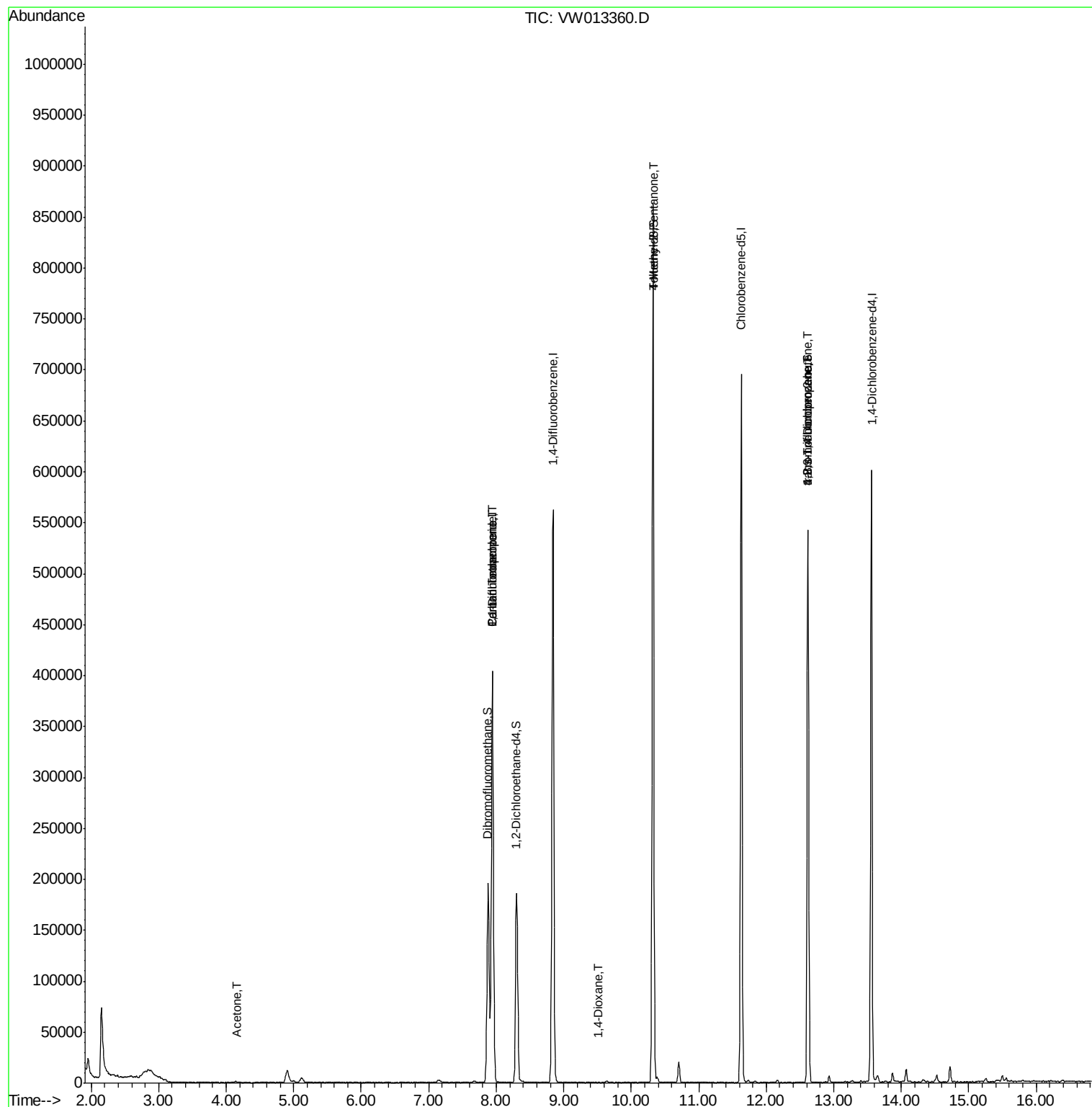
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	339152	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	501296	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	413979	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	174871	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	148392	53.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.22%	
35) Dibromofluoromethane	7.88	113	144259	52.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.64%	
50) Toluene-d8	10.32	98	574855	49.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.64%	
62) 4-Bromofluorobenzene	12.62	95	174231	44.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.40%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.23	59	87	Below Cal	#	73
16) Acetone	4.16	43	2283	3.657	ug/l #	86
36) 1,1-Dichloropropene	7.95	75	22099	4.551	ug/l #	47
38) Carbon Tetrachloride	7.94	117	29546	6.788	ug/l #	18
49) 1,4-Dioxane	9.51	88	140	5.810	ug/l #	24
51) 4-Methyl-2-Pentanone	10.32	43	2442	1.232	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	79934	51.759	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	79934	116.143	ug/l #	12

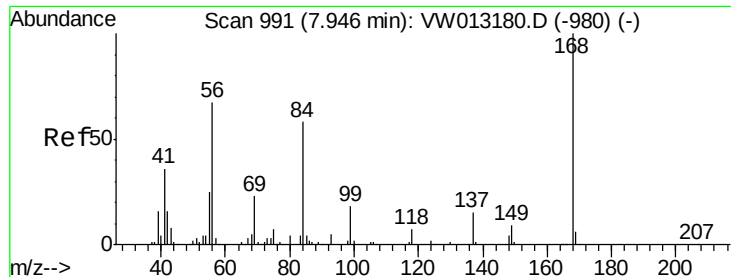
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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GP-5 (10-12)

Quant Time: Oct 01 05:43:43 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: VW013360.D

Acq: 01 Oct 2019 04:41

Instrument :

MSVOA_W

ClientSampleId :

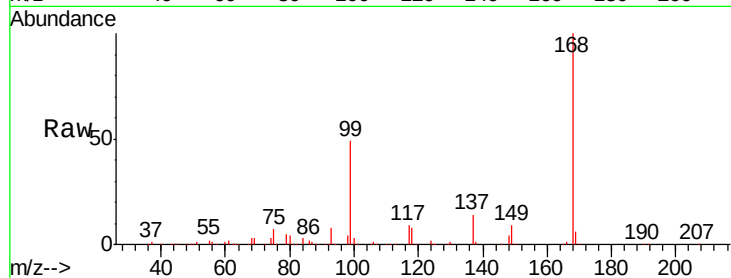
GP-5 (10-12)

Tgt Ion:168 Resp: 339152

Ion Ratio Lower Upper

168 100

99 48.7 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

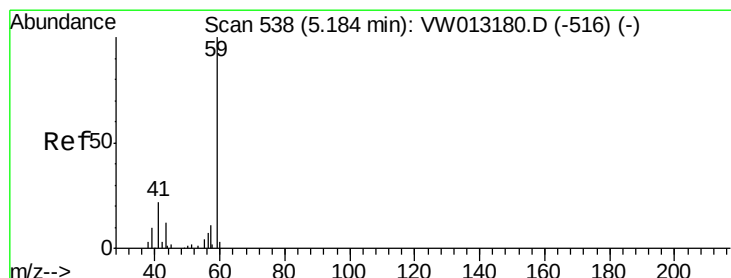
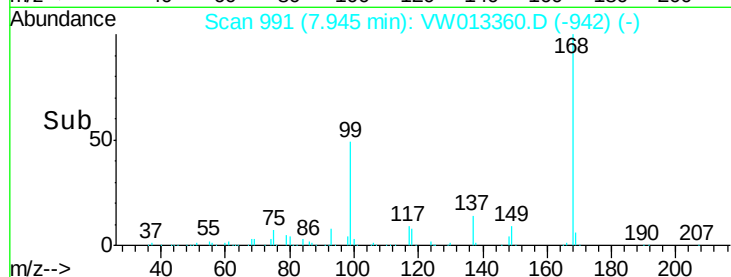
100000

50000

0

7.90 8.00

Time-->



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.23 min Scan# 545

Delta R.T. 0.04 min

Lab File: VW013360.D

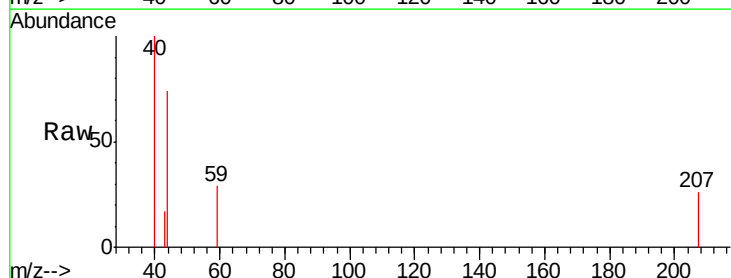
Acq: 01 Oct 2019 04:41

Tgt Ion: 59 Resp: 87

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

150

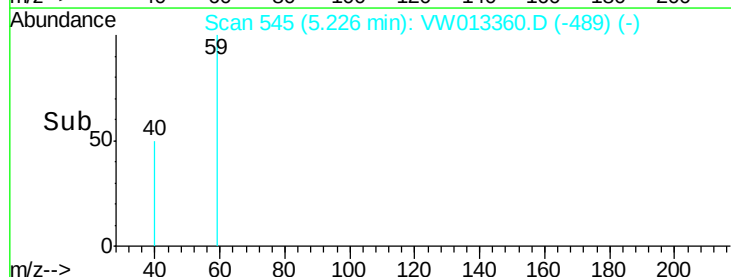
100

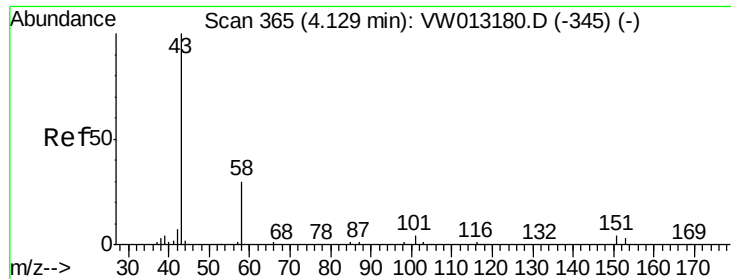
50

0

5.21 5.22 5.23 5.24 5.25

Time-->





#16

Acetone

Concen: 3.657 ug/l

RT: 4.16 min Scan# 370

Delta R.T. 0.03 min

Lab File: VW013360.D

Acq: 01 Oct 2019 04:41

Instrument :

MSVOA_W

ClientSampled :

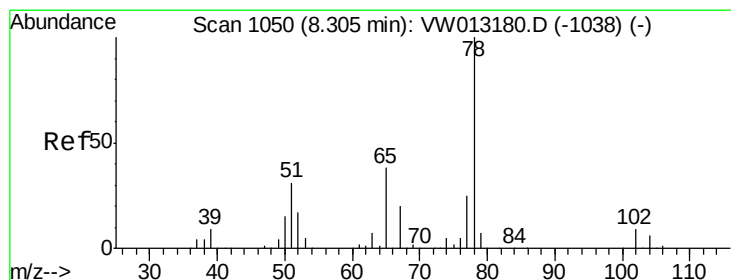
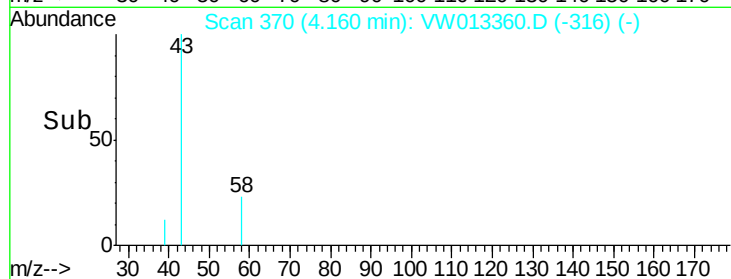
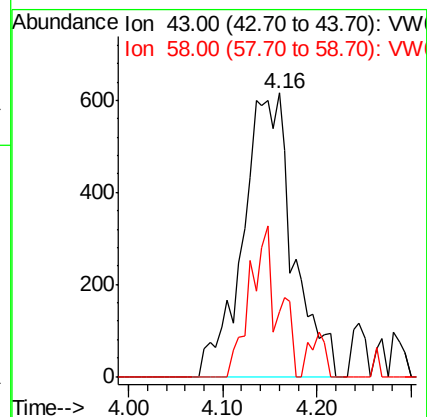
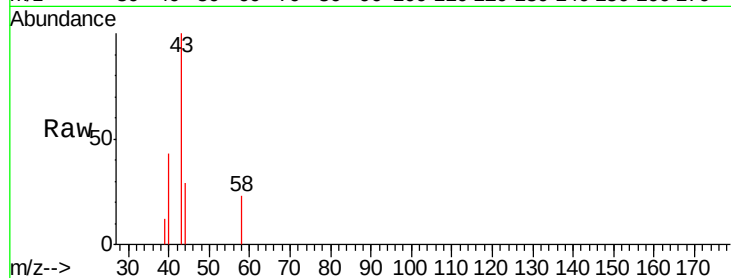
GP-5 (10-12)

Tgt Ion: 43 Resp: 2283

Ion Ratio Lower Upper

43 100

58 22.7 24.1 36.1#



#33

1,2-Dichloroethane-d4

Concen: 53.610 ug/l

RT: 8.30 min Scan# 1049

Delta R.T. -0.01 min

Lab File: VW013360.D

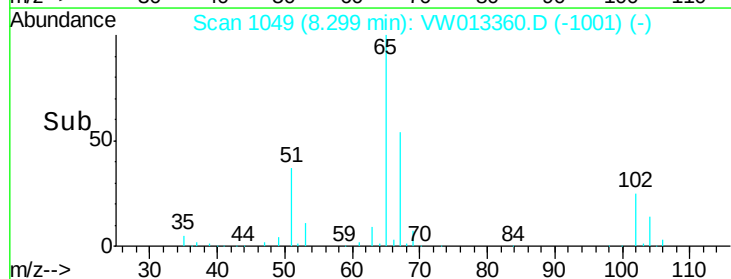
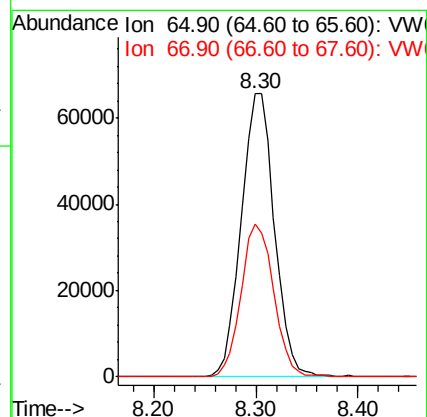
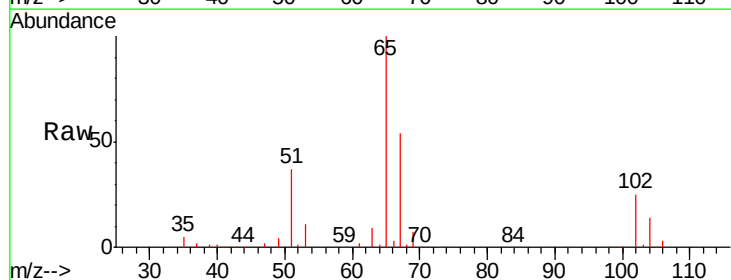
Acq: 01 Oct 2019 04:41

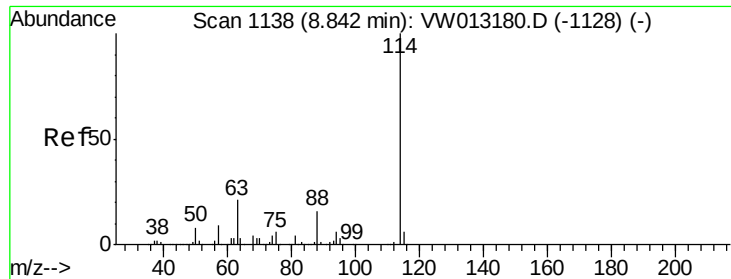
Tgt Ion: 65 Resp: 148392

Ion Ratio Lower Upper

65 100

67 53.3 0.0 106.2

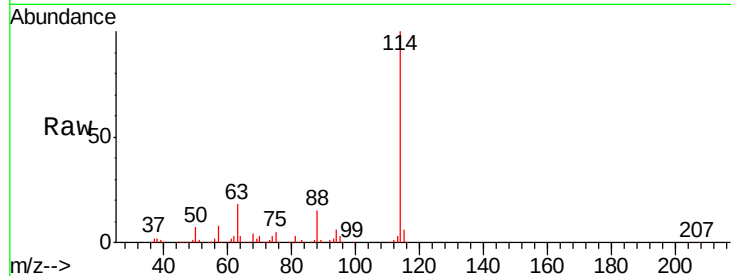




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013360.D
 Acq: 01 Oct 2019 04:41

Instrument :
 MSVOA_W
 ClientSampleId :
 GP-5_(10-12)

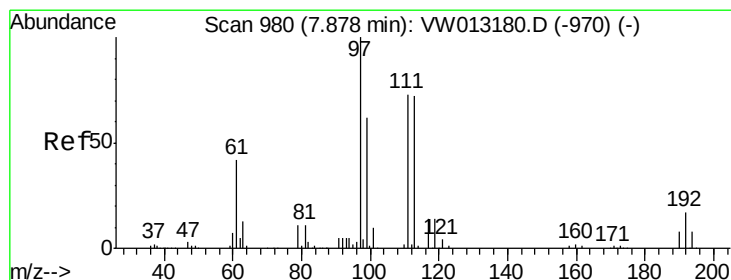
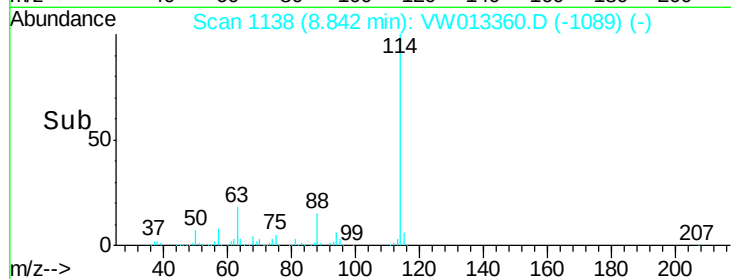
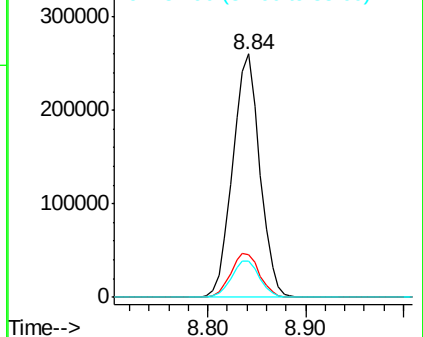
Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.7	0.0	41.4
88	14.8	0.0	32.0



Abundance Ion 113.90 (113.60 to 114.60): V

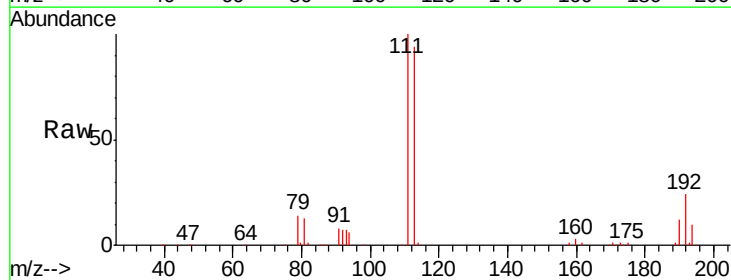
Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW



#35
 Dibromofluoromethane
 Concen: 52.322 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW013360.D
 Acq: 01 Oct 2019 04:41

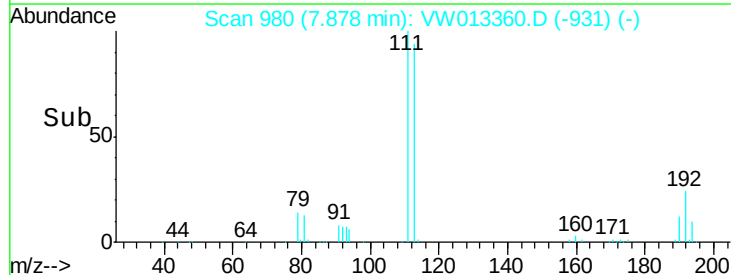
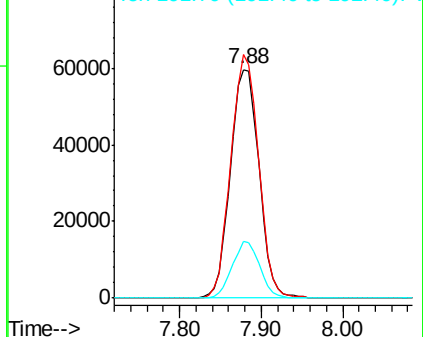
Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.9	122.9
192	23.8	19.1	28.7

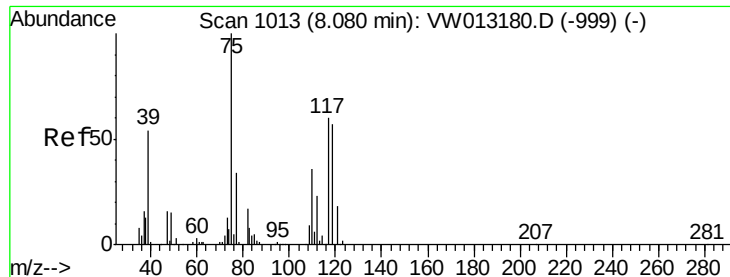


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

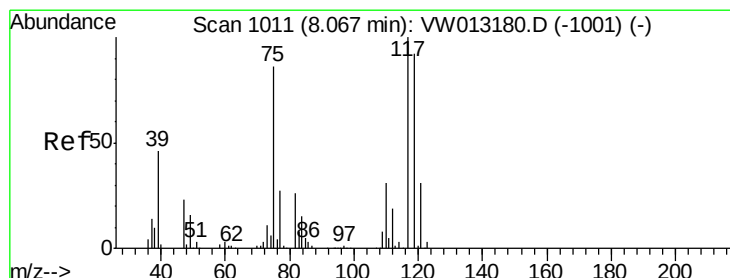
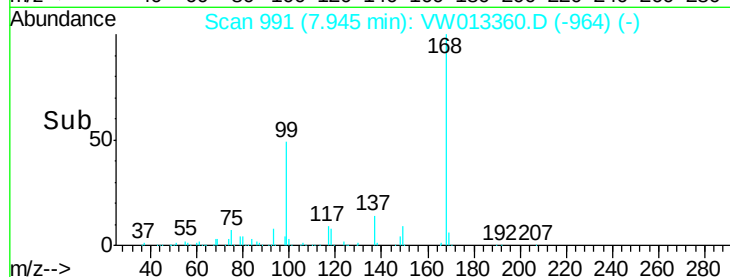
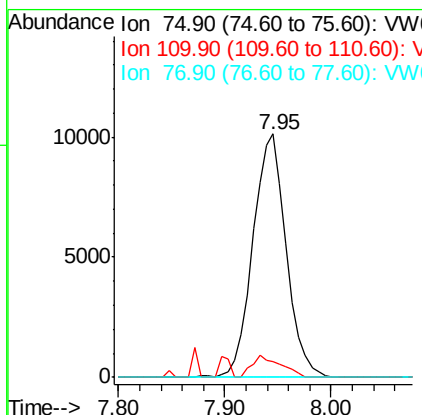
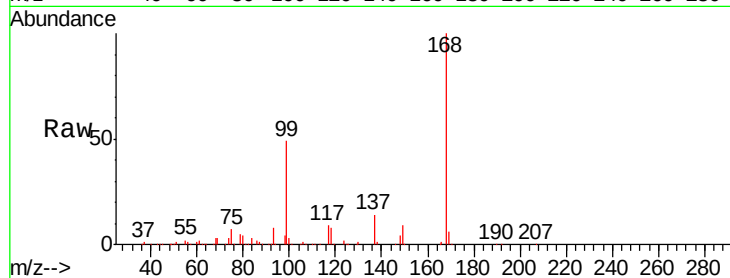




#36
 1,1-Dichloropropene
 Concen: 4.551 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.13 min
 Lab File: VW013360.D
 Acq: 01 Oct 2019 04:41

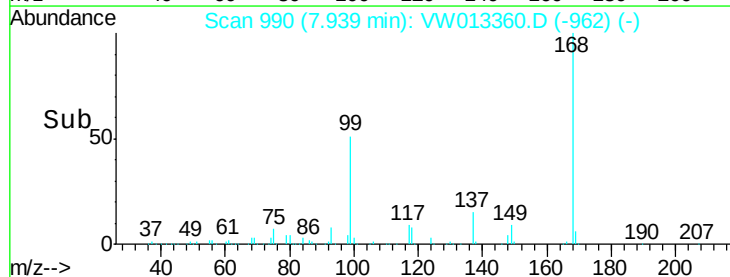
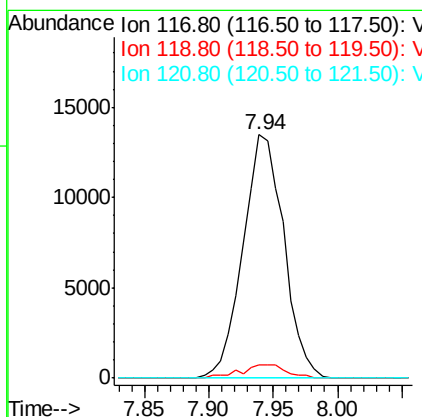
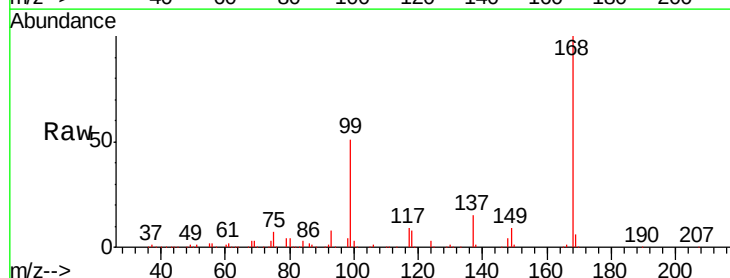
Instrument :
 MSVOA_W
 ClientSampled :
 GP-5 (10-12)

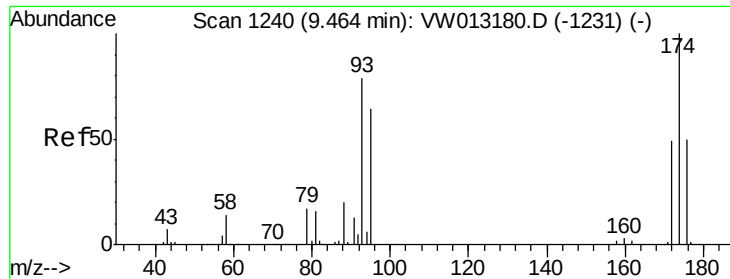
Tgt Ion	Ratio	Lower	Upper
75	100		
110	7.9	18.1	54.3#
77	0.0	25.8	38.6#



#38
 Carbon Tetrachloride
 Concen: 6.788 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.13 min
 Lab File: VW013360.D
 Acq: 01 Oct 2019 04:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.3	73.5	110.3#
121	0.0	25.0	37.6#

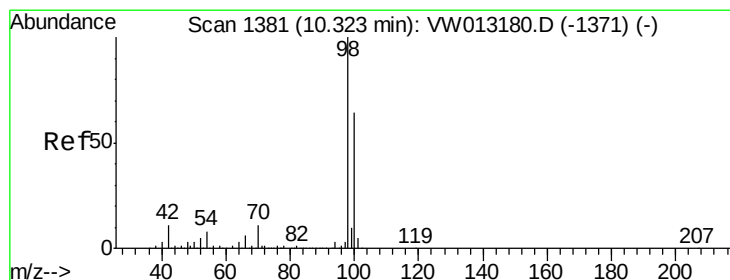
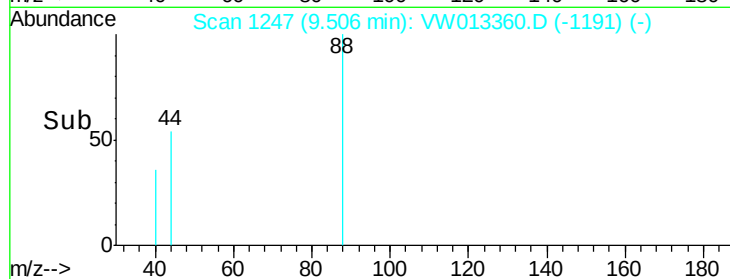
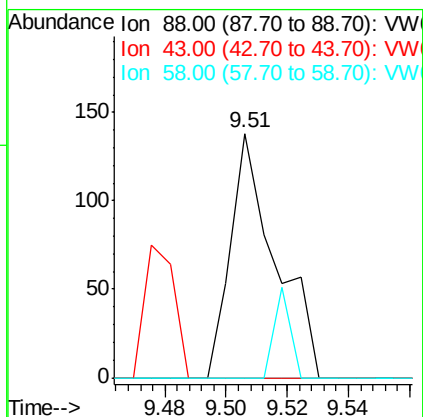
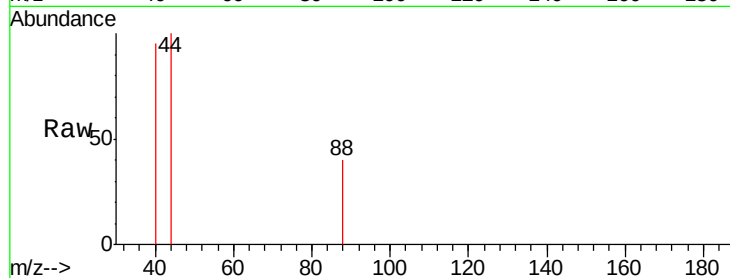




#49
1,4-Dioxane
Concen: 5.810 ug/l
RT: 9.51 min Scan# 1247
Delta R.T. 0.04 min
Lab File: VW013360.D
Acq: 01 Oct 2019 04:41

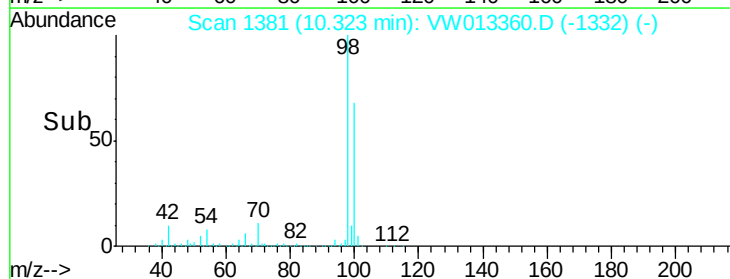
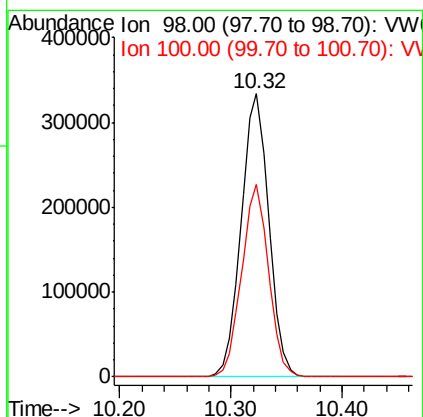
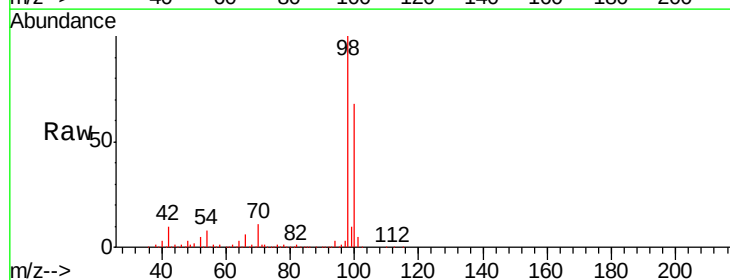
Instrument :
MSVOA_W
ClientSampled :
GP-5 (10-12)

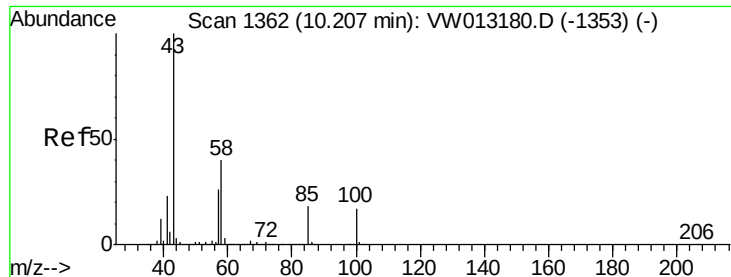
Tgt Ion: 88 Resp: 140
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 13.6 65.4 98.0#



#50
Toluene-d8
Concen: 49.819 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW013360.D
Acq: 01 Oct 2019 04:41

Tgt Ion: 98 Resp: 574855
Ion Ratio Lower Upper
98 100
100 66.2 52.9 79.3





#51

4-Methyl-2-Pentanone

Concen: 1.232 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.12 min

Lab File: VW013360.D

Acq: 01 Oct 2019 04:41

Instrument :

MSVOA_W

ClientSampleId :

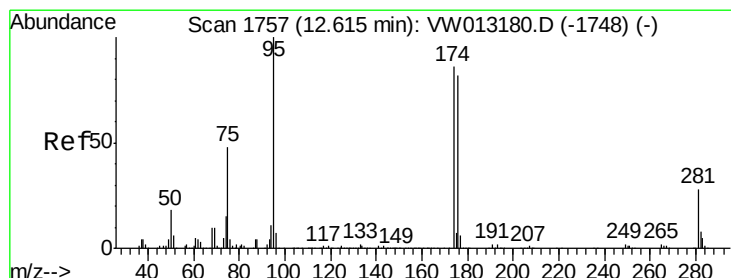
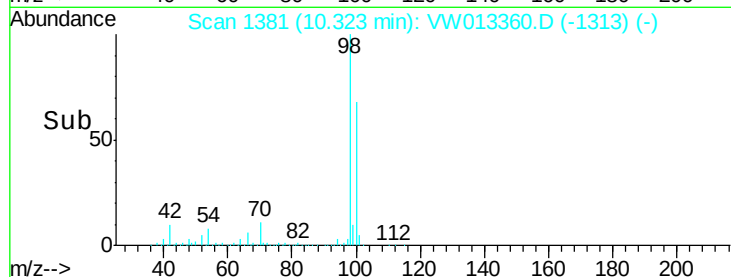
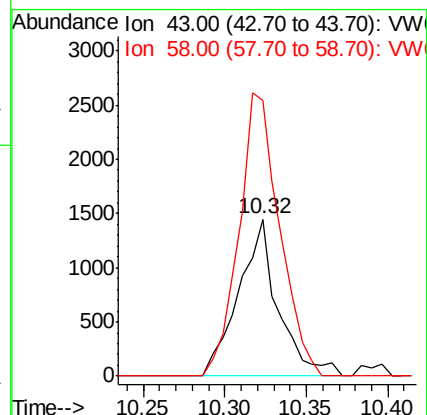
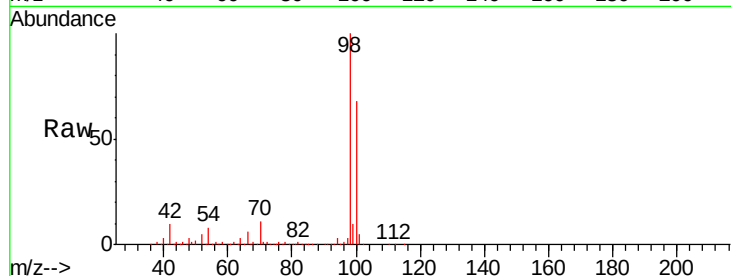
GP-5 (10-12)

Tgt Ion: 43 Resp: 2442

Ion Ratio Lower Upper

43 100

58 185.6 31.7 47.5#



#62

4-Bromofluorobenzene

Concen: 44.203 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013360.D

Acq: 01 Oct 2019 04:41

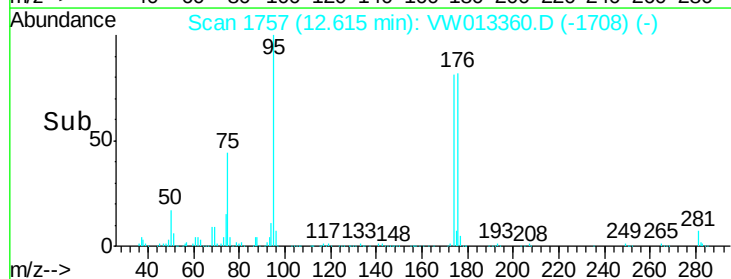
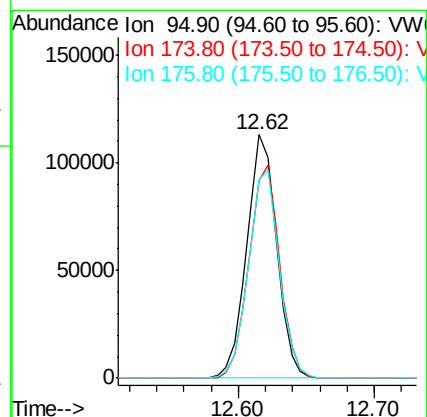
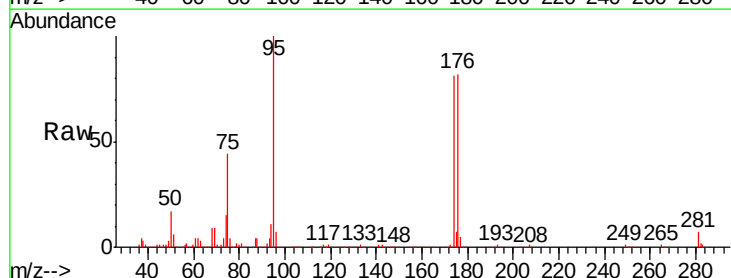
Tgt Ion: 95 Resp: 174231

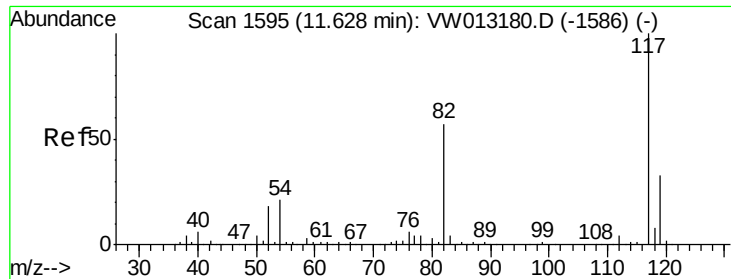
Ion Ratio Lower Upper

95 100

174 90.0 0.0 178.4

176 88.3 0.0 172.2

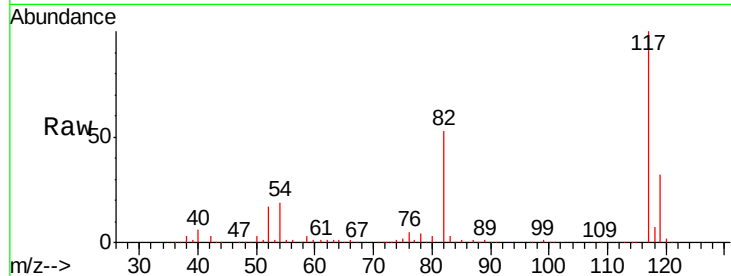




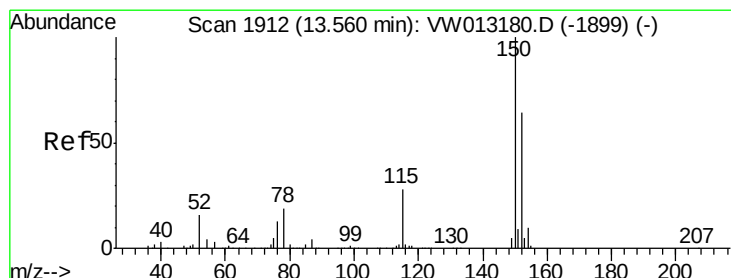
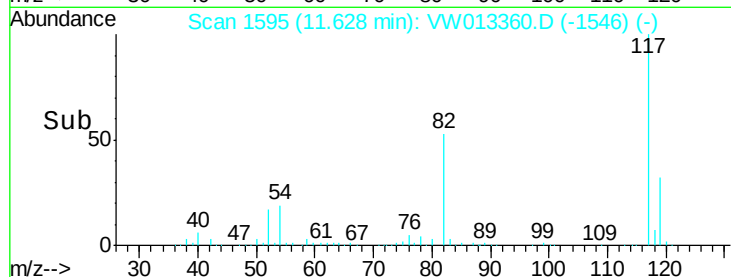
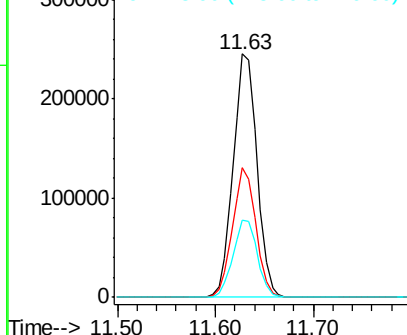
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013360.D
Acq: 01 Oct 2019 04:41

Instrument :
MSVOA_W
ClientSampleId :
GP-5 (10-12)

Tgt Ion:117 Resp: 413979
Ion Ratio Lower Upper
117 100
82 53.3 45.9 68.9
119 31.5 26.2 39.2

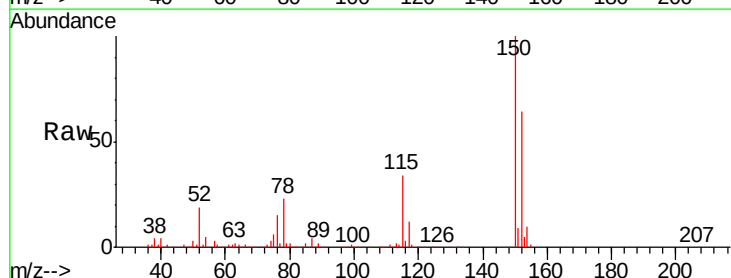


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

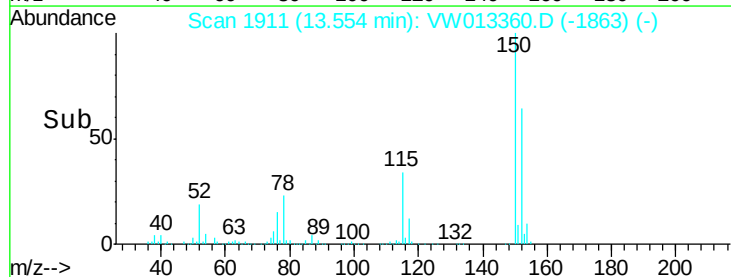
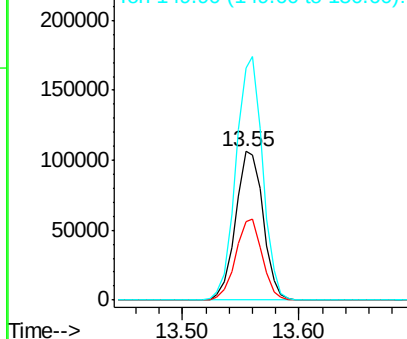


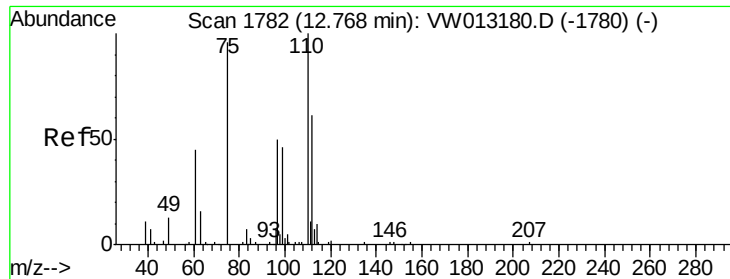
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW013360.D
Acq: 01 Oct 2019 04:41

Tgt Ion:152 Resp: 174871
Ion Ratio Lower Upper
152 100
115 52.9 27.3 81.9
150 158.7 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: 51.759 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.15 min

Lab File: VW013360.D

Acq: 01 Oct 2019 04:41

Instrument :

MSVOA_W

ClientSampled :

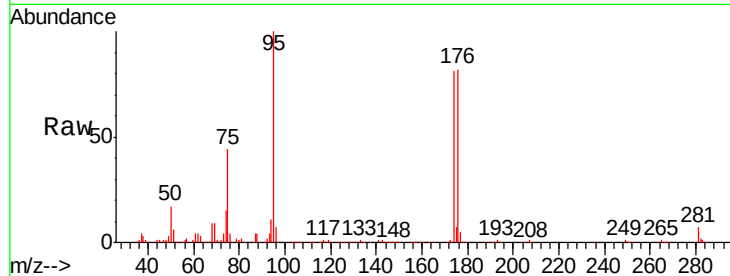
GP-5 (10-12)

Tgt Ion: 75 Resp: 79934

Ion Ratio Lower Upper

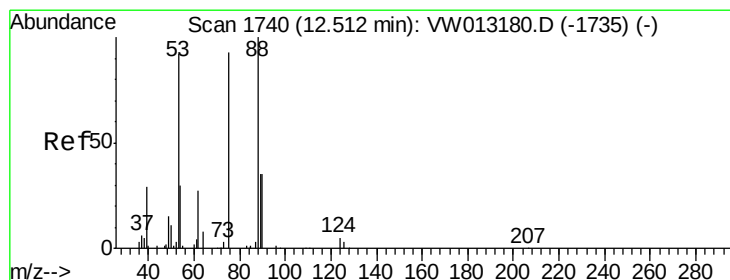
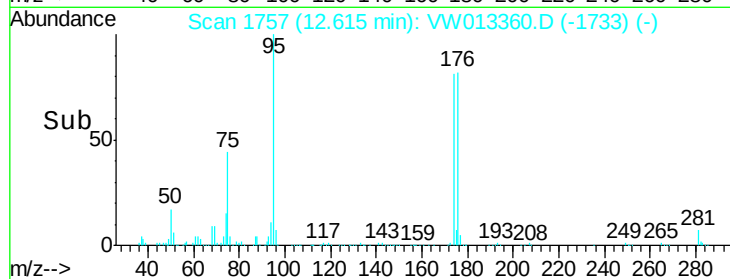
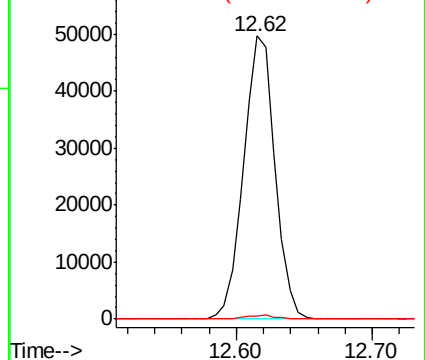
75 100

77 1.2 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: 116.143 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013360.D

Acq: 01 Oct 2019 04:41

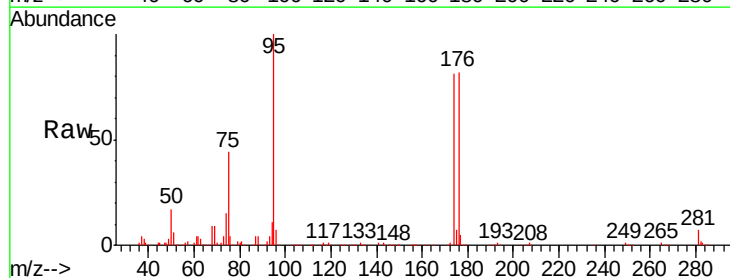
Tgt Ion: 75 Resp: 79934

Ion Ratio Lower Upper

75 100

53 0.1 76.6 114.8#

89 0.2 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

