

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093019\
 Data File : VW013331.D
 Acq On : 30 Sep 2019 14:26
 Operator : SY/VA
 Sample : K5060-02RE
 Misc : 7.17G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 30 17:29:01 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	310028	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	459490	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	347594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	117741	50.00	ug/l	0.00

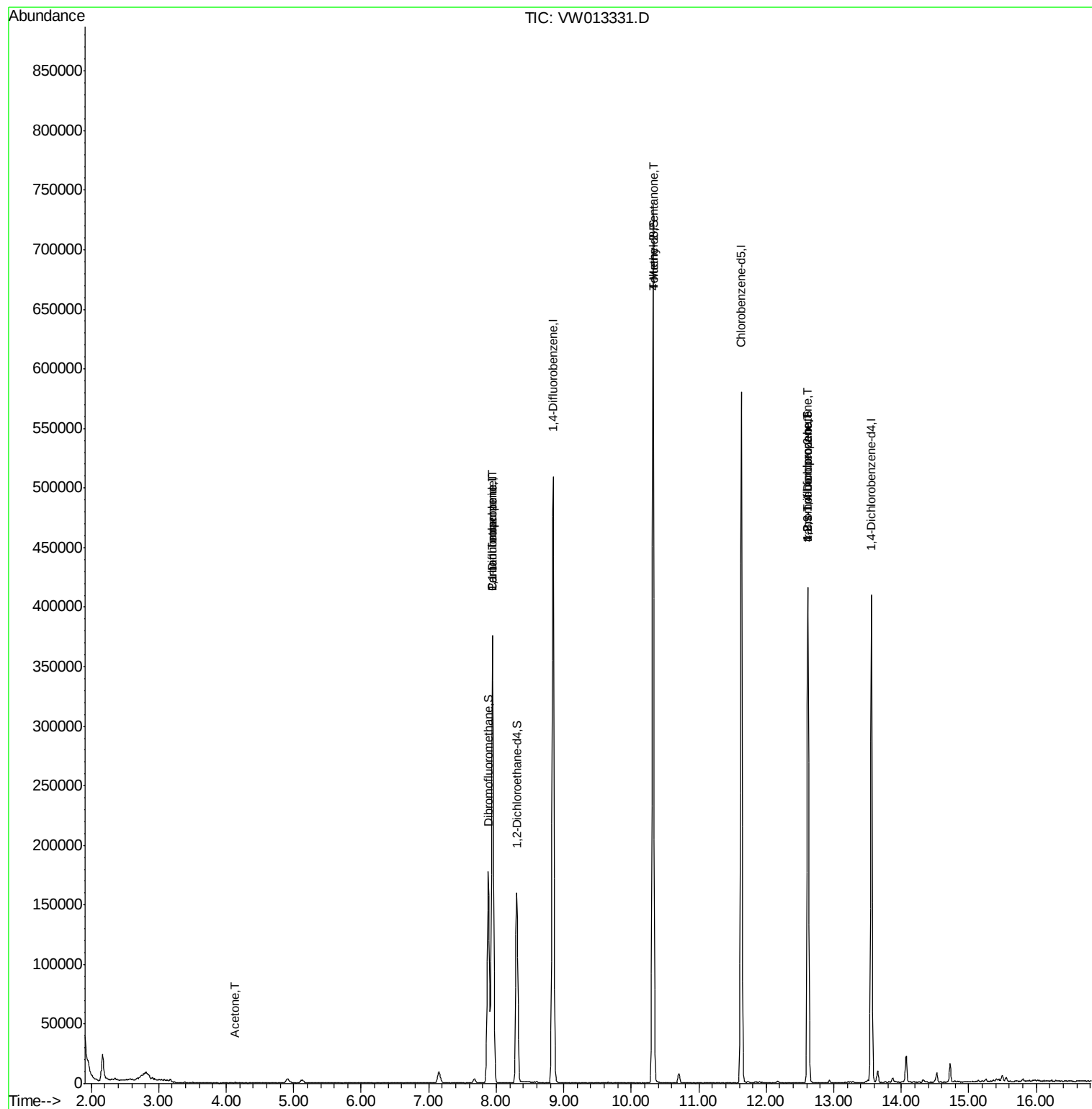
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	126939	50.17	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.34%	
35) Dibromofluoromethane	7.88	113	129829	51.37	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.74%	
50) Toluene-d8	10.32	98	505750	47.82	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.64%	
62) 4-Bromofluorobenzene	12.62	95	134829	37.32	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	74.64%	

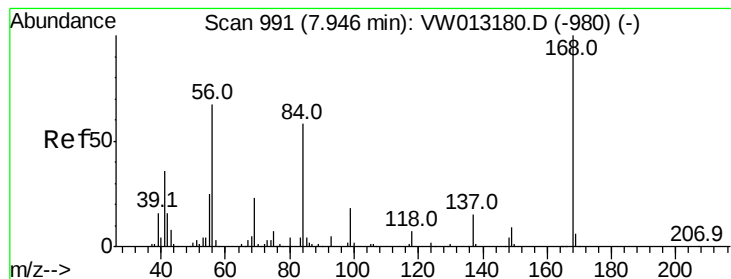
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.24	59	292	Below Cal	#	73
16) Acetone	4.13	43	756	1.325	ug/l	96
20) Methylene Chloride	4.92	84	3449	Below Cal	#	86
26) 2,2-Dichloropropane	7.15	77	896			

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QLast Update : Fri Sep 20 15:58:08 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW013331.D

Acq: 30 Sep 2019 14:26

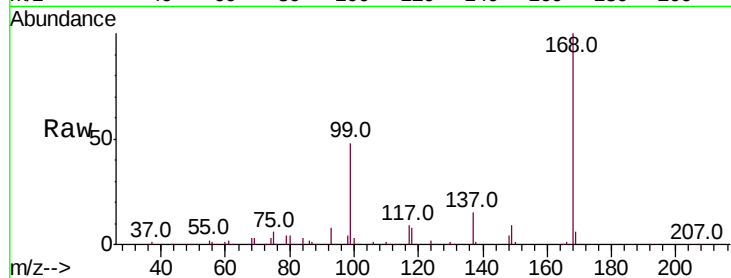
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:168 Resp: 310028

Ion Ratio Lower Upper

168 100

99 48.4 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

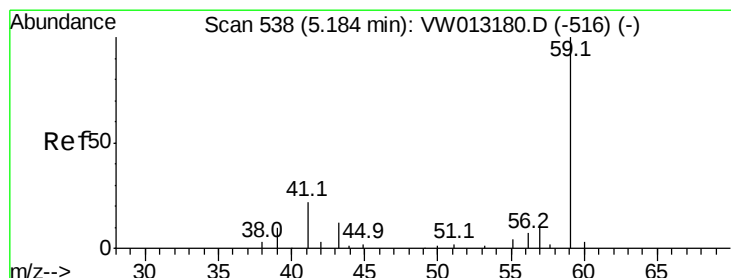
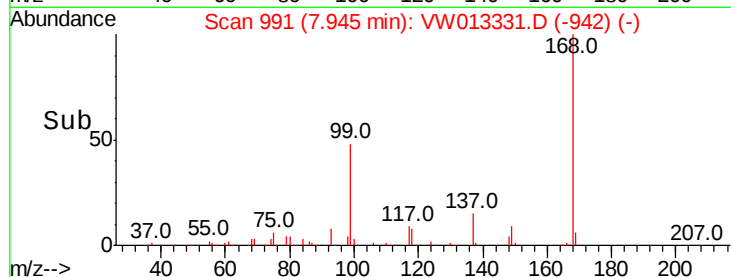
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#11

Tert butyl alcohol

Concen: Below Cal

RT: 5.24 min Scan# 547

Delta R.T. 0.06 min

Lab File: VW013331.D

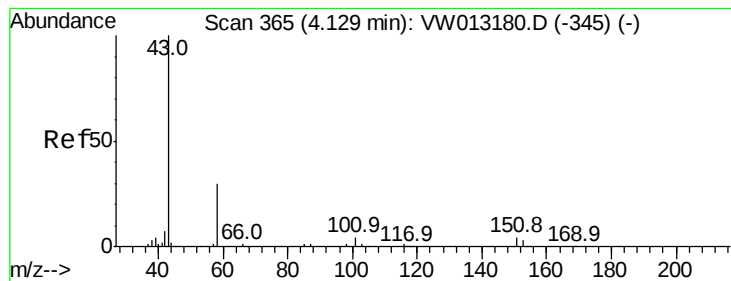
Acq: 30 Sep 2019 14:26

Tgt Ion: 59 Resp: 292

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.2#



#16

Acetone

Concen: 1.325 ug/l

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

Lab File: VW013331.D

Acq: 30 Sep 2019 14:26

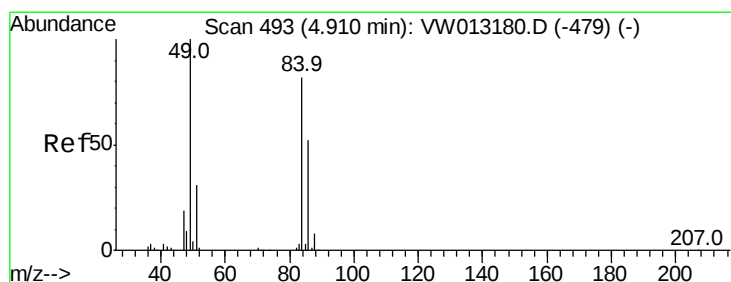
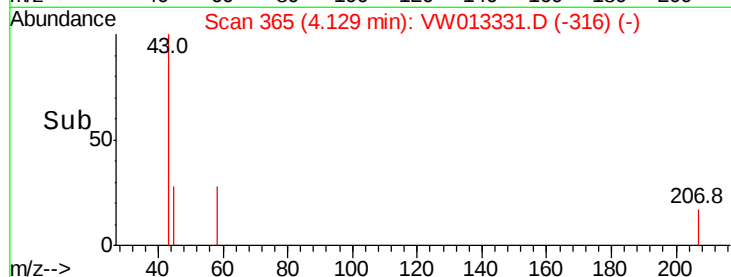
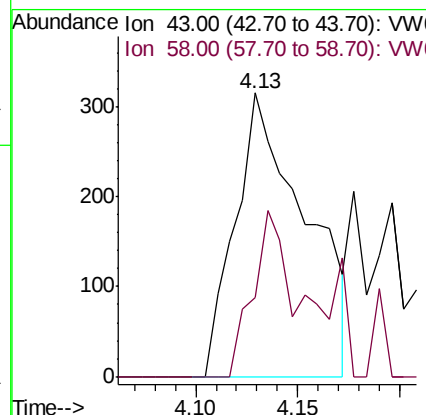
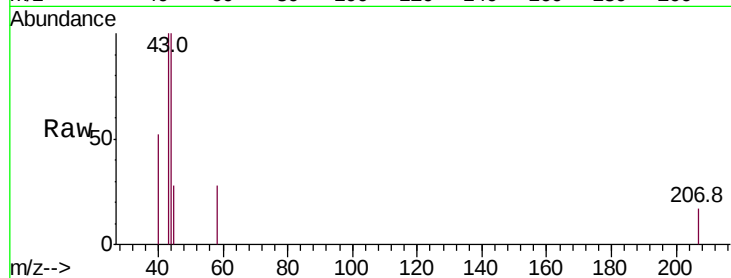
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 756

Ion Ratio Lower Upper

43 100

58 27.9 24.1 36.1



#20

Methylene Chloride

Concen: Below Cal

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW013331.D

Acq: 30 Sep 2019 14:26

Tgt Ion: 84 Resp: 3449

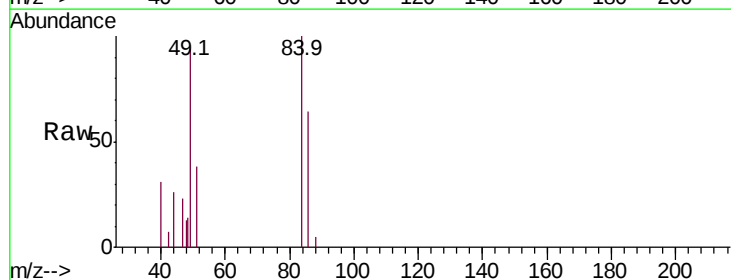
Ion Ratio Lower Upper

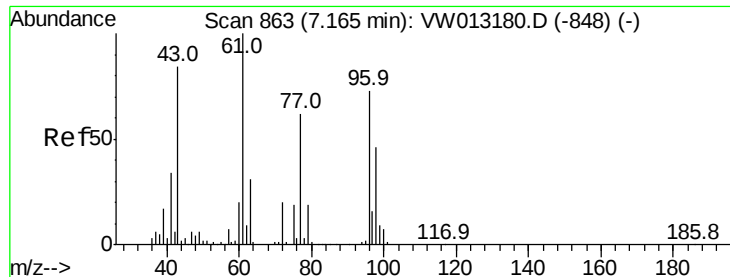
84 100

49 93.7 97.6 146.4#

51 38.2 30.2 45.2

86 64.5 50.6 76.0





#26

2,2-Dichloropropane

Concen: Below Cal

RT: 7.15 min Scan# 861

Delta R.T. -0.01 min

Lab File: VW013331.D

Acq: 30 Sep 2019 14:26

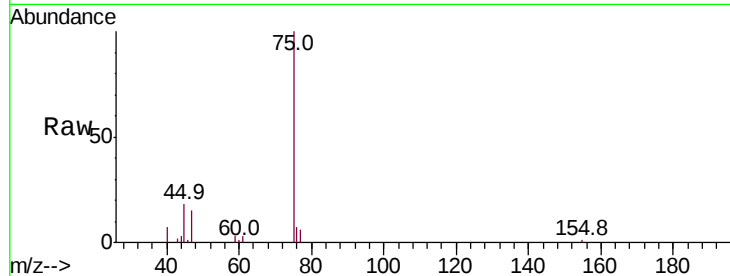
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 77 Resp: 896

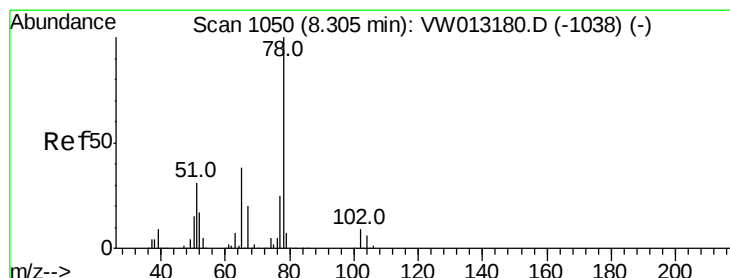
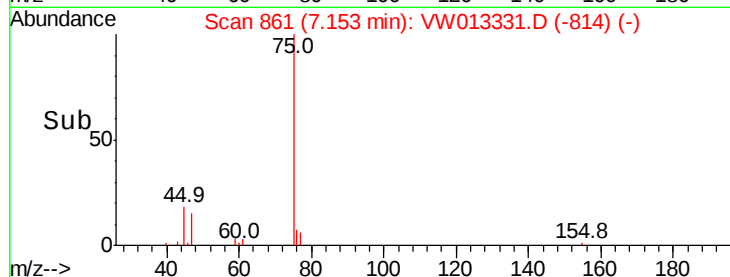
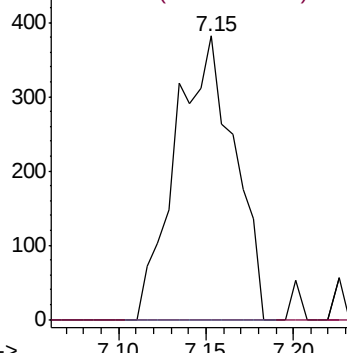
Ion Ratio Lower Upper

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: 50.168 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW013331.D

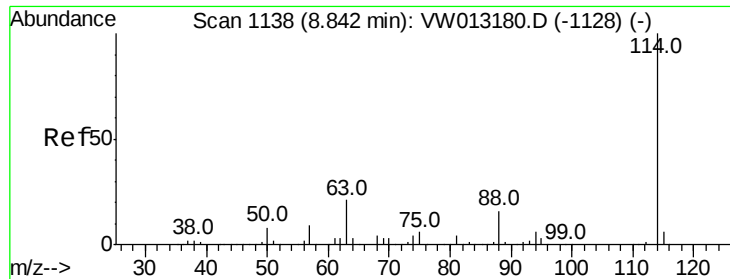
Acq: 30 Sep 2019 14:26

Tgt Ion: 65 Resp: 126939

Ion Ratio Lower Upper

65 100

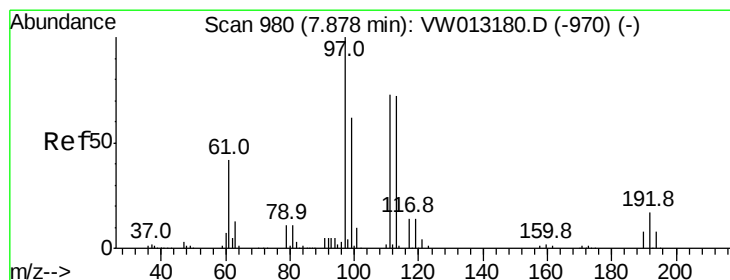
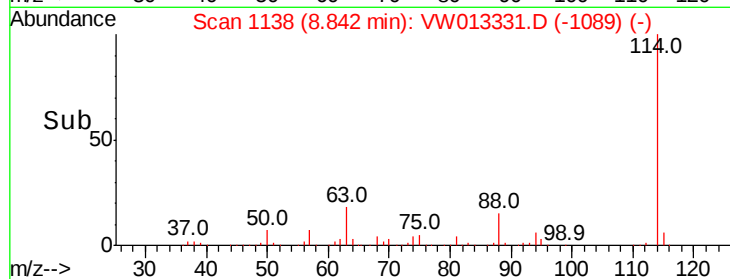
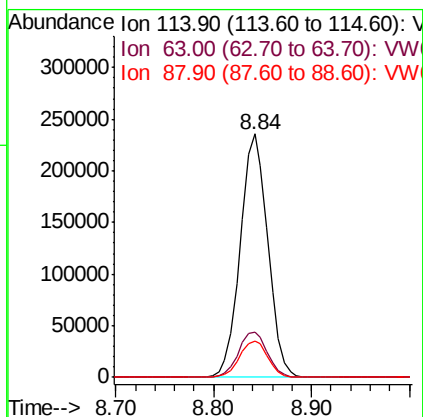
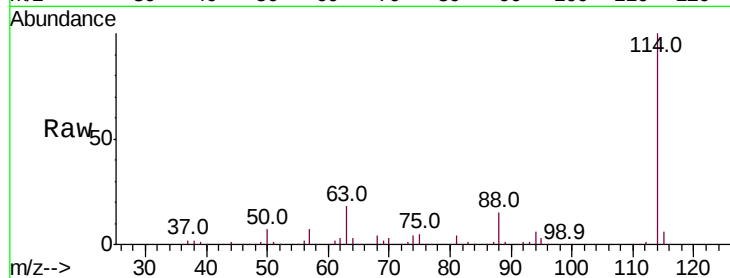
67 53.5 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013331.D
 Acq: 30 Sep 2019 14:26

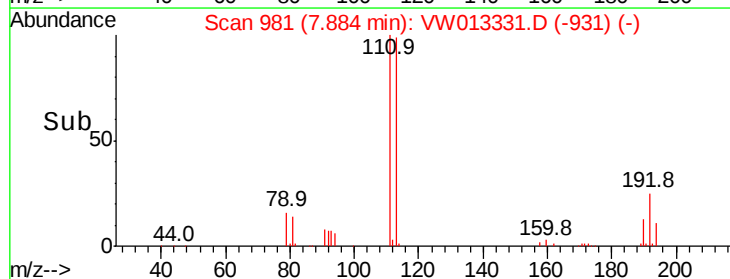
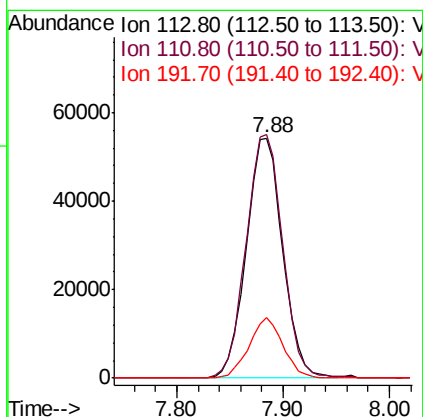
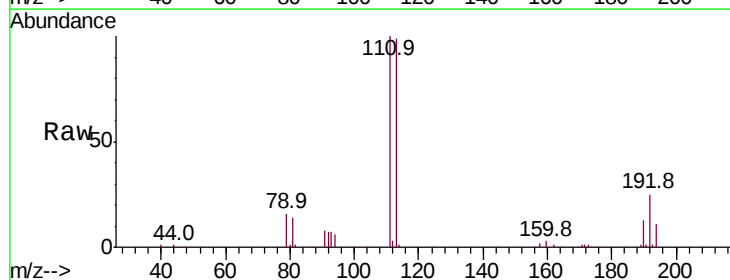
Instrument :
 MSVOA_W
 ClientSampleId :

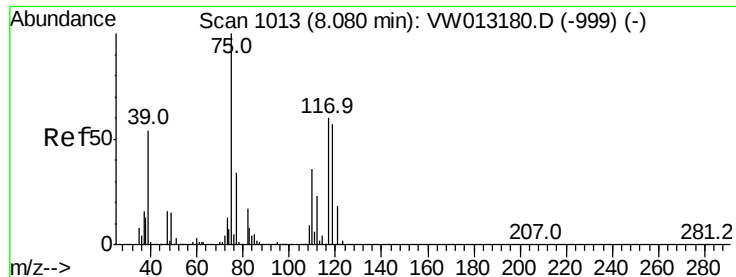
Tot Ion:114 Resp: 459490
 Ion Ratio Lower Upper
 114 100
 63 18.4 0.0 41.4
 88 15.0 0.0 32.0



#35
 Dibromofluoromethane
 Concen: 51.373 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.01 min
 Lab File: VW013331.D
 Acq: 30 Sep 2019 14:26

Tgt Ion:113 Resp: 129829
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.9 122.9
 192 23.6 19.1 28.7





#36

1,1-Dichloropropene

Concen: 4.397 ug/l

RT: 7.95 min Scan# 991

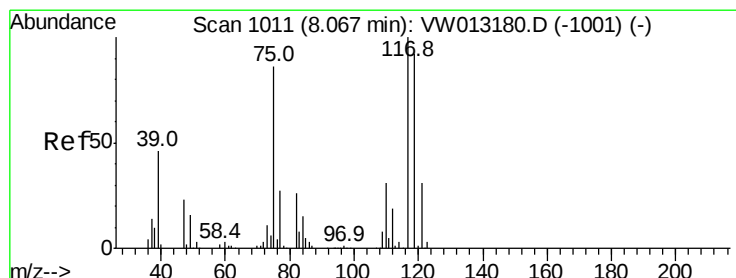
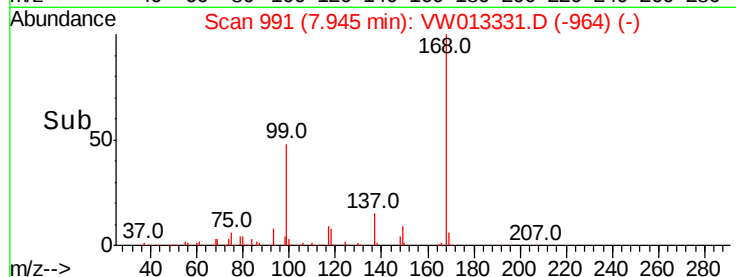
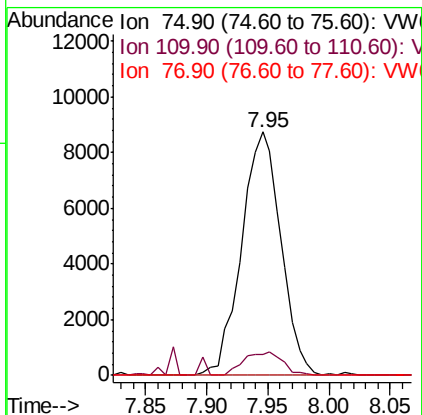
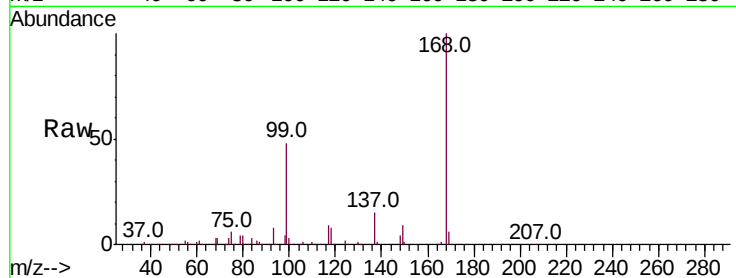
Delta R.T. -0.13 min

Lab File: VW013331.D

Acq: 30 Sep 2019 14:26

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:	75	Resp:	19567
Ion Ratio	Lower	Upper	
75	100		
110	9.5	18.1	54.3#
77	0.0	25.8	38.6#



#38

Carbon Tetrachloride

Concen: 6.564 ug/l

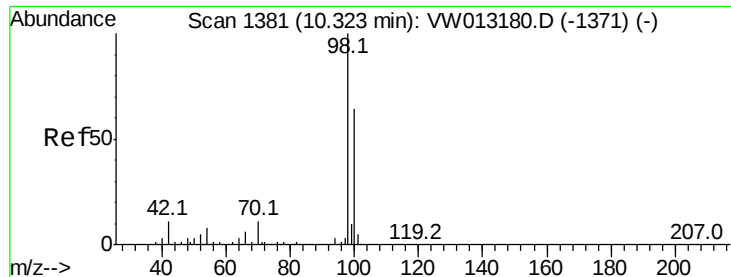
RT: 7.95 min Scan# 991

Delta R.T. -0.12 min

Lab File: VW013331.D

Acq: 30 Sep 2019 14:26

Tgt Ion:	117	Resp:	26189
Ion Ratio	Lower	Upper	
117	100		
119	4.0	73.5	110.3#
121	0.0		



#50

Toluene-d8

Concen: 47.818 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013331.D

Acq: 30 Sep 2019 14:26

Instrument :

MSVOA_W

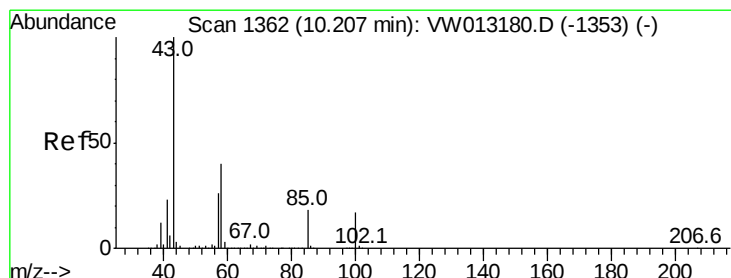
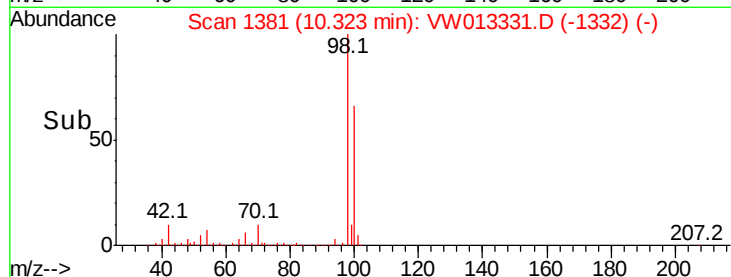
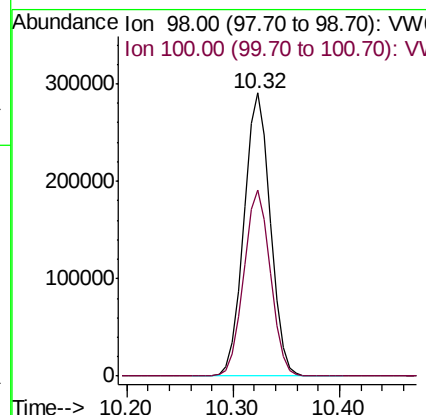
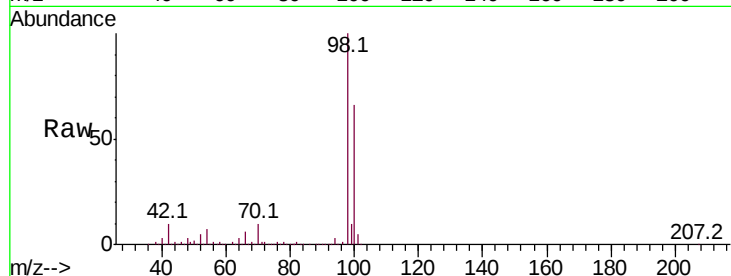
ClientSampleId :

Tot Ion: 98 Resp: 505750

Ion Ratio Lower Upper

98 100

100 66.3 52.9 79.3



#51

4-Methyl-2-Pentanone

Concen: 1.118 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.12 min

Lab File: VW013331.D

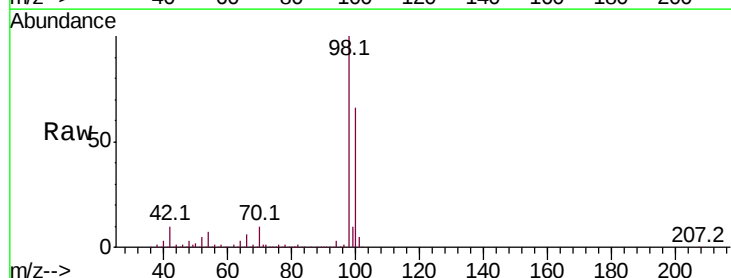
Acq: 30 Sep 2019 14:26

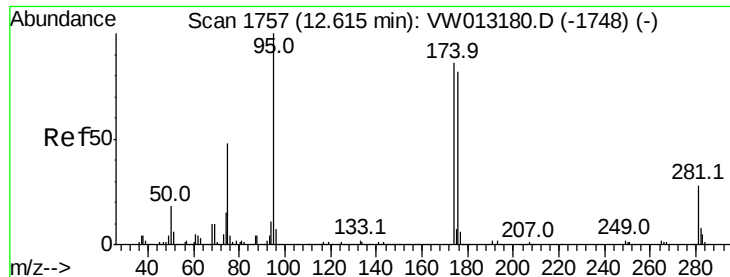
Tgt Ion: 43 Resp: 2032

Ion Ratio Lower Upper

43 100

58 187.4 31.7 47.5#

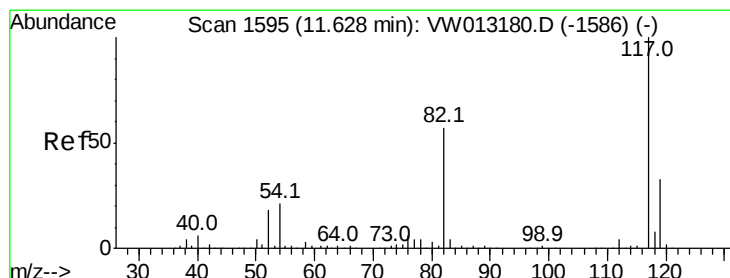
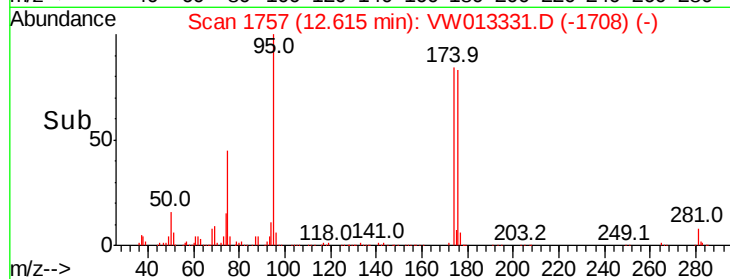
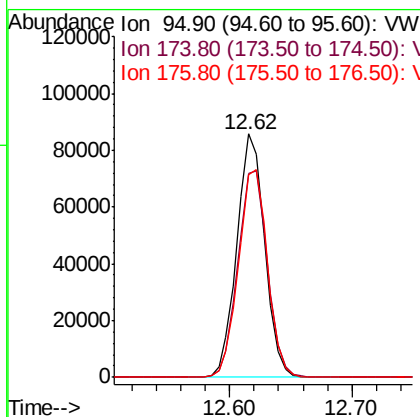
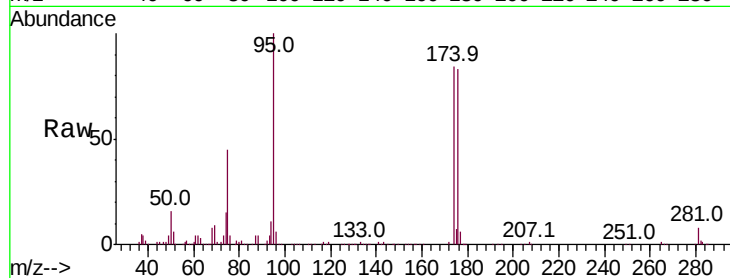




#62
4-Bromofluorobenzene
Concen: 37.319 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013331.D
Acq: 30 Sep 2019 14:26

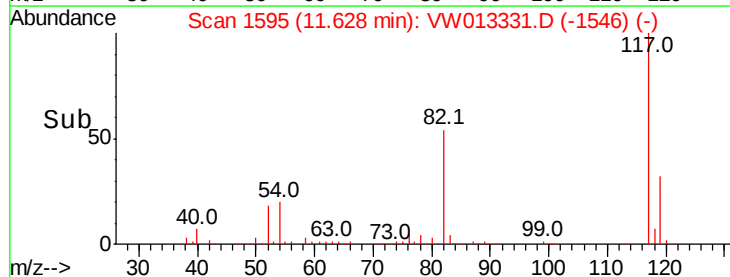
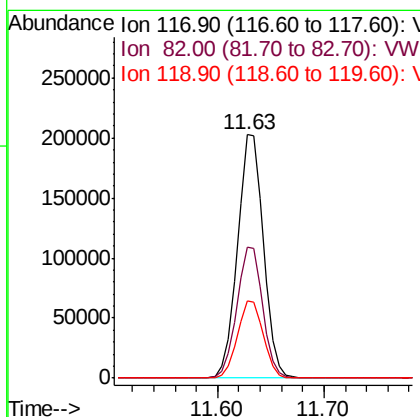
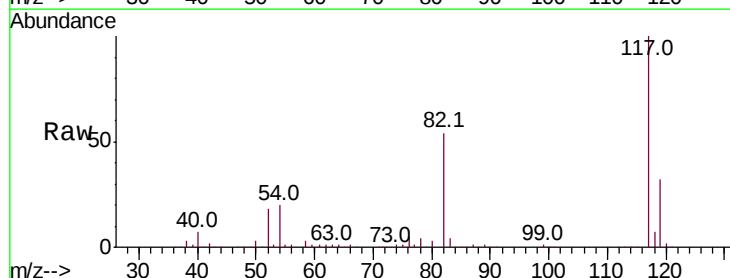
Instrument :
MSVOA_W
ClientSampled :

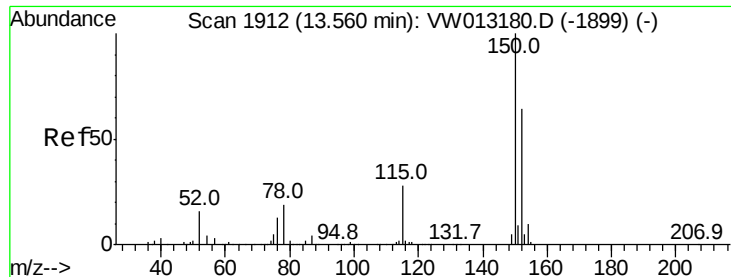
Tot Ion	95	Resp	134829
Ion Ratio	100		
Lower			
Upper			
174	90.3	0.0	178.4
176	88.9	0.0	172.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013331.D
Acq: 30 Sep 2019 14:26

Tgt Ion	117	Resp	347594
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower			
Upper			
82	53.6	45.9	68.9
119	31.9	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: VW013331.D

Acq: 30 Sep 2019 14:26

Instrument :

MSVOA_W

ClientSampleId :

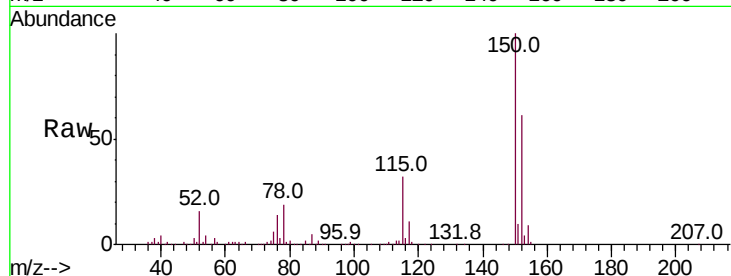
Tot Ion:152 Resp: 117741

Ion Ratio Lower Upper

152 100

115 55.1 27.3 81.9

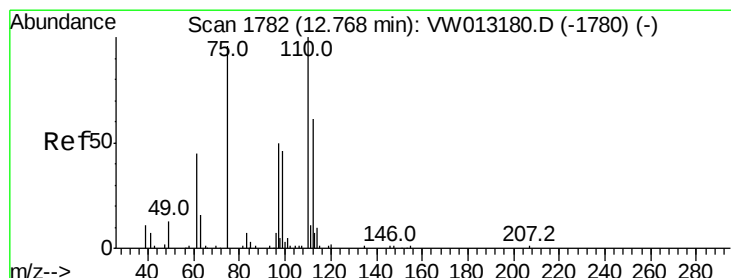
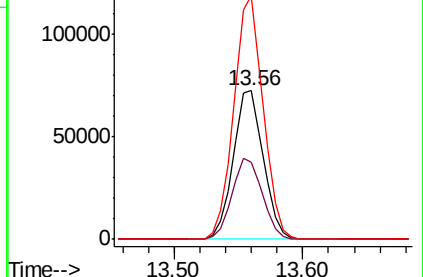
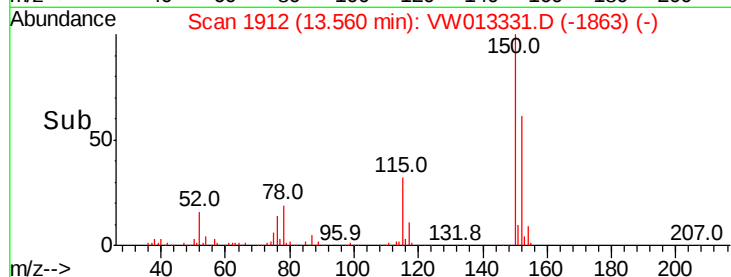
150 158.9 0.0 349.0



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: 61.263 ug/l

RT: 12.62 min Scan# 1757

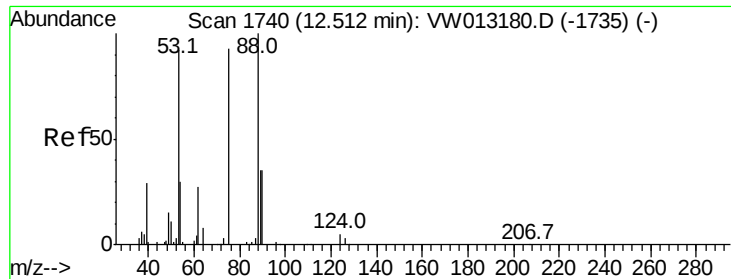
Delta R.T. -0.15 min

Lab File: VW013331.D

Acq: 30 Sep 2019 14:26

Tgt Ion: 75 Resp: 63702

Ion Ratio Lower Upper



#81

trans-1,4-Dichloro-2-butene

Concen: 137.469 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.10 min

Lab File: VW013331.D

Acq: 30 Sep 2019 14:26

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 75 Resp: 63702

Ion Ratio Lower Upper

75 100

53 0.0 76.6 114.8#

89 0.0 33.5 50.3#

