

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW093019\
 Data File : VW013335.D
 Acq On : 30 Sep 2019 16:09
 Operator : SY/VA
 Sample : K5083-04
 Misc : 5.18G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Sep 30 18:07:52 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	40508	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	55740	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	48699	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	16176	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	17120	51.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.56%	
35) Dibromofluoromethane	7.88	113	17347	56.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.16%	
50) Toluene-d8	10.32	98	65816	51.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.60%	
62) 4-Bromofluorobenzene	12.62	95	19760	45.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.18%	

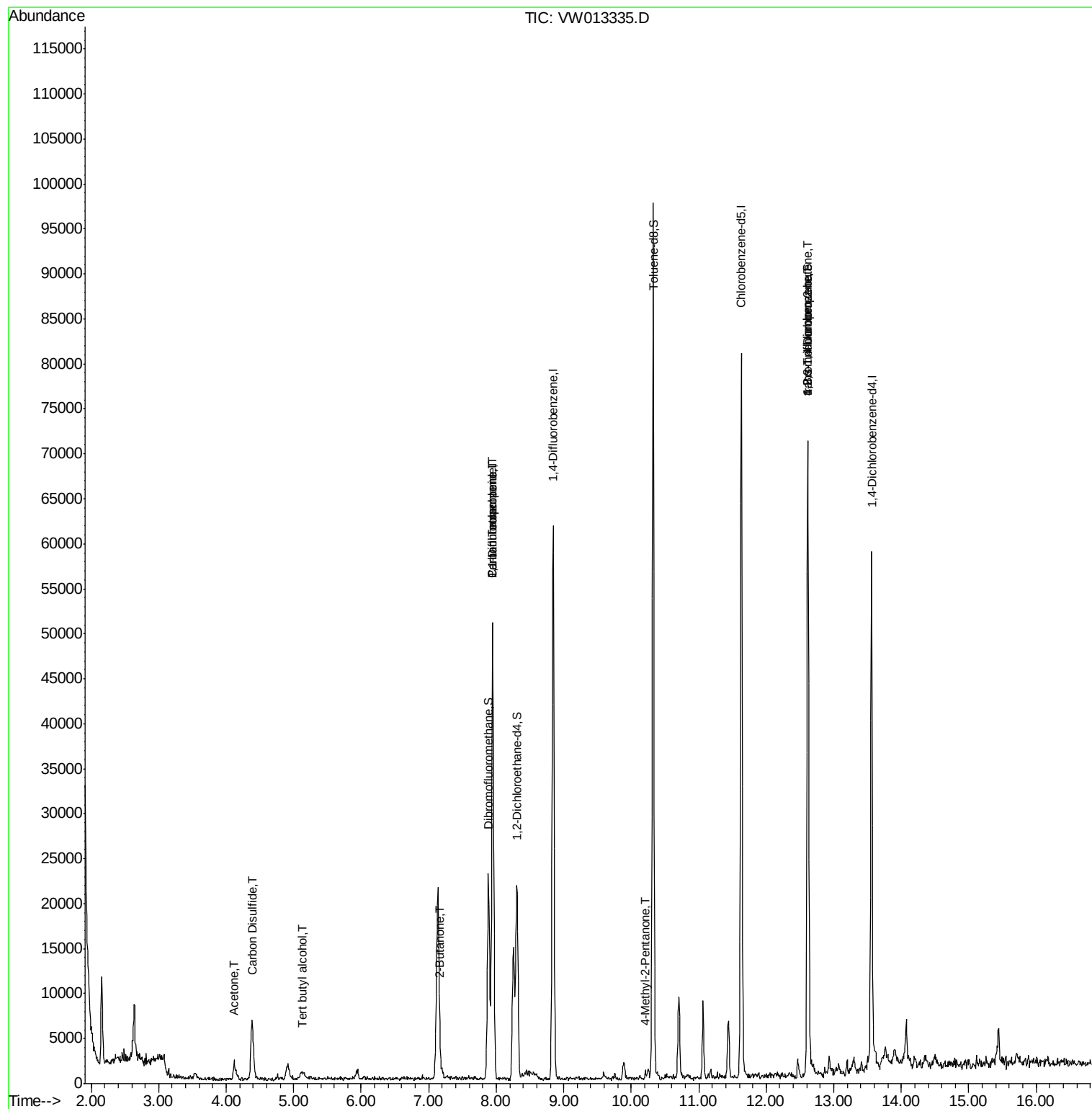
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
11) Tert butyl alcohol	5.13	59	999	33.211	ug/l #	73
16) Acetone	4.12	43	3254	43.646	ug/l #	71
17) Carbon Disulfide	4.39	76	8913	8.192	ug/l #	94
25) 2-Butanone	7.17	43	203	1.814	ug/l #	51
36) 1,1-Dichloropropene	7.94	75	2947	5.459	ug/l #	43
38) Carbon Tetrachloride	7.95	117	3627	7.494	ug/l #	20
51) 4-Methyl-2-Pentanone	10.21	43	548	2.486	ug/l	91
76) 1,2,3-Trichloropropane	12.62	75	9050	63.351	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	9050	142.154	ug/l #	12

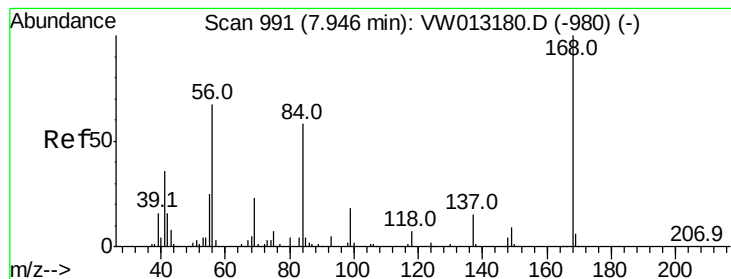
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW013335.D

Acq: 30 Sep 2019 16:09

Instrument :

MSVOA_W

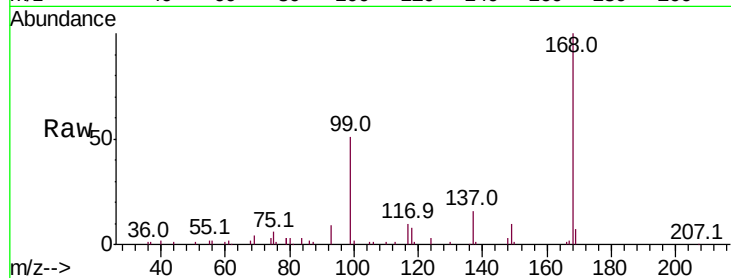
ClientSampled :

Tot Ion:168 Resp: 40508

Ion Ratio Lower Upper

168 100

99 51.5 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

20000

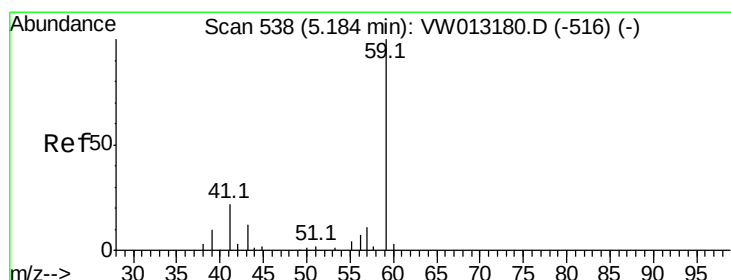
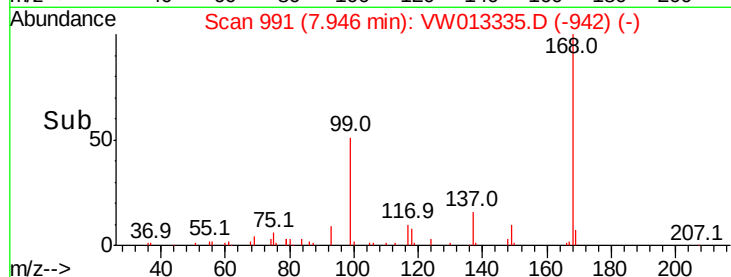
15000

10000

5000

0

Time-->



#11

Tert butyl alcohol

Concen: 33.211 ug/l

RT: 5.13 min Scan# 529

Delta R.T. -0.05 min

Lab File: VW013335.D

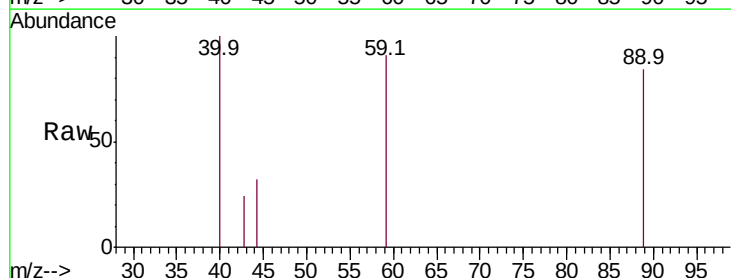
Acq: 30 Sep 2019 16:09

Tgt Ion: 59 Resp: 999

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

5.13

400

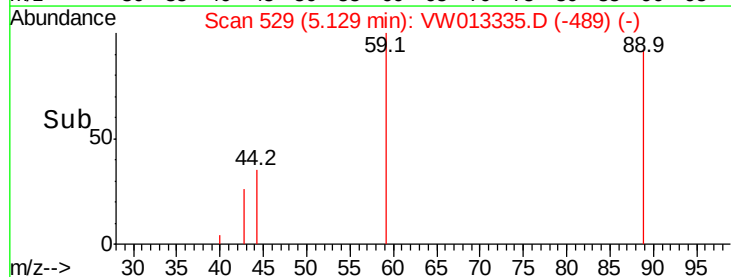
300

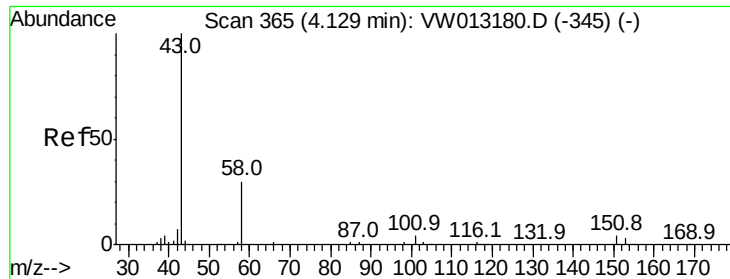
200

100

0

Time-->





#16

Acetone

Concen: 43.646 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW013335.D

Acq: 30 Sep 2019 16:09

Instrument :

MSVOA_W

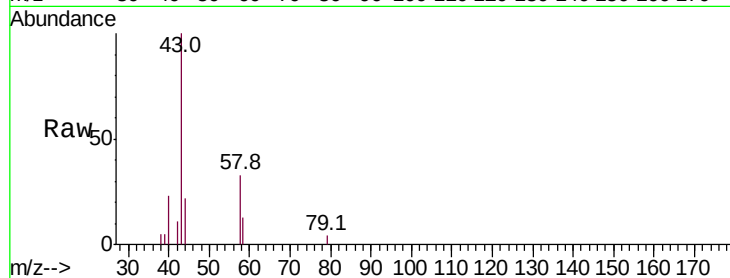
ClientSampleId :

Tot Ion: 43 Resp: 3254

Ion Ratio Lower Upper

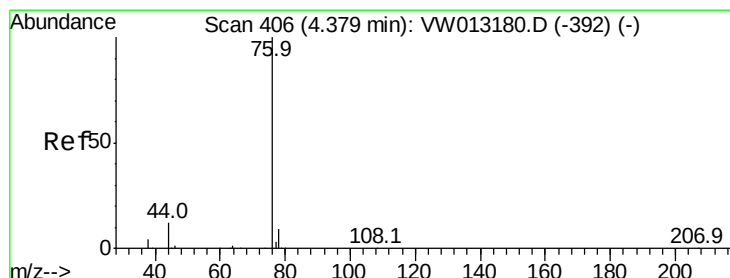
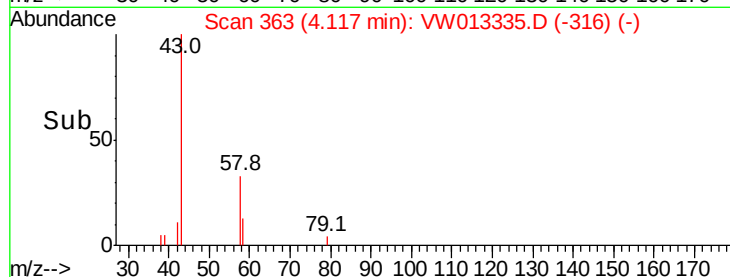
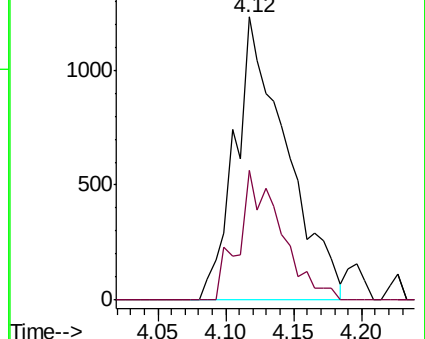
43 100

58 45.8 24.1 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#17

Carbon Disulfide

Concen: 8.192 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.01 min

Lab File: VW013335.D

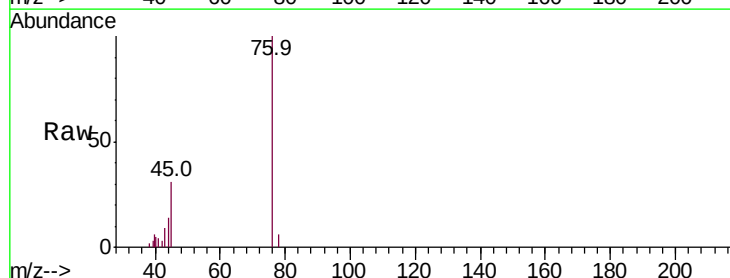
Acq: 30 Sep 2019 16:09

Tgt Ion: 76 Resp: 8913

Ion Ratio Lower Upper

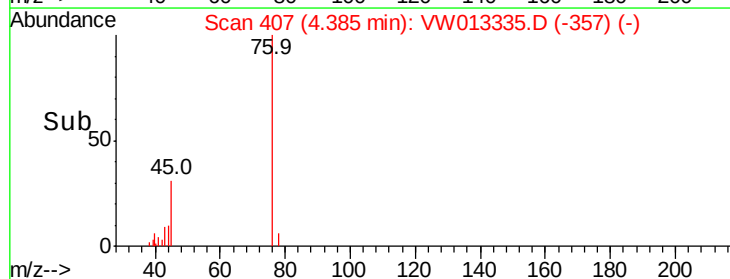
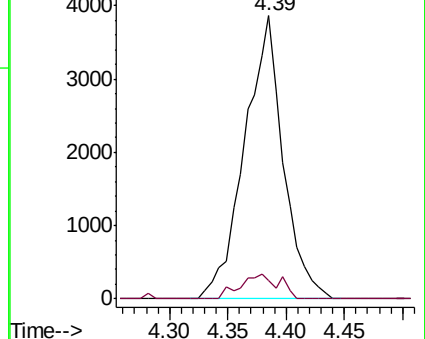
76 100

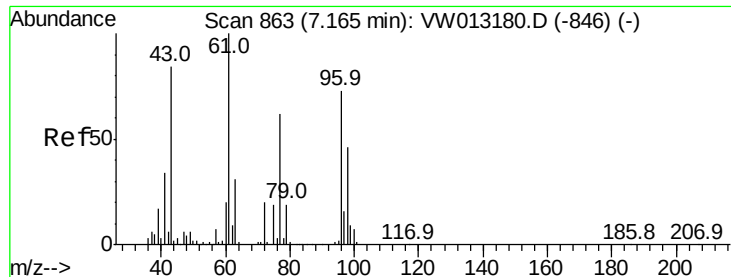
78 6.4 7.0 10.4#



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW





#25

2-Butanone

Concen: 1.814 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW013335.D

Acq: 30 Sep 2019 16:09

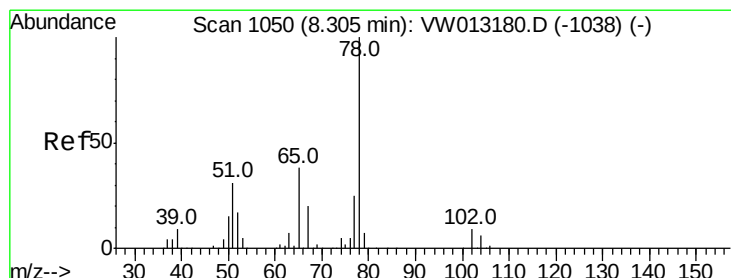
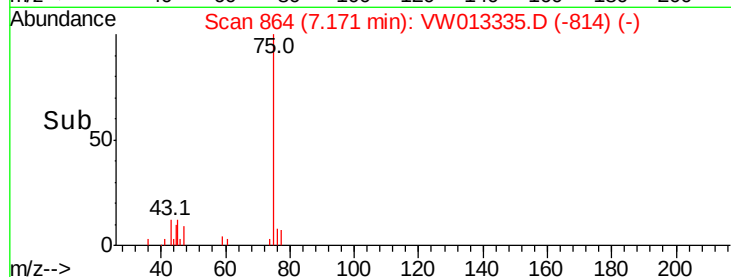
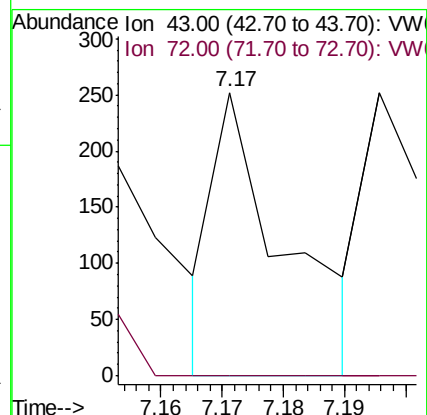
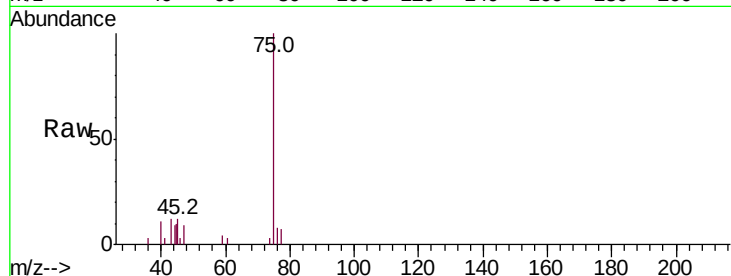
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 203

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.0#



#33

1,2-Dichloroethane-d4

Concen: 51.784 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013335.D

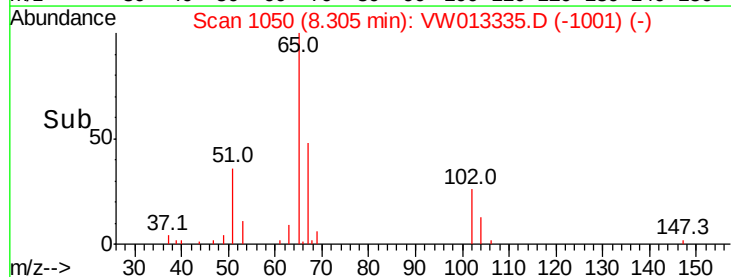
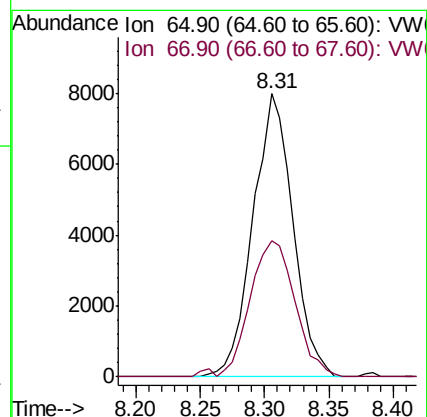
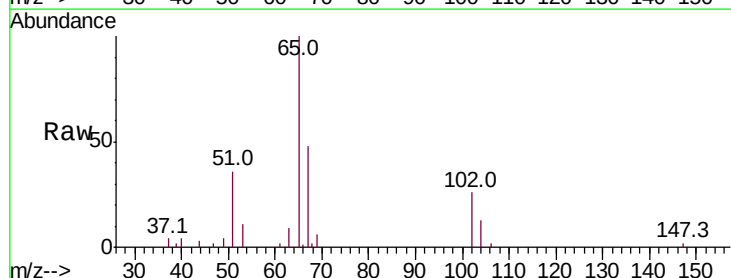
Acq: 30 Sep 2019 16:09

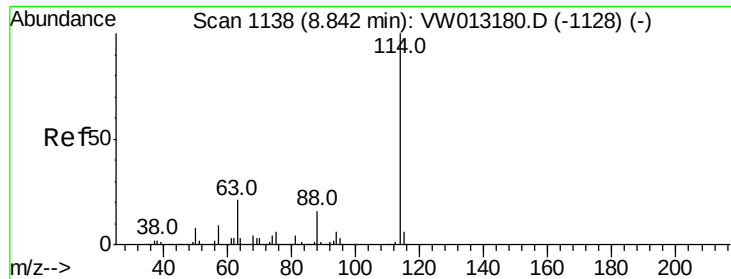
Tgt Ion: 65 Resp: 17120

Ion Ratio Lower Upper

65 100

67 54.0 0.0 106.2

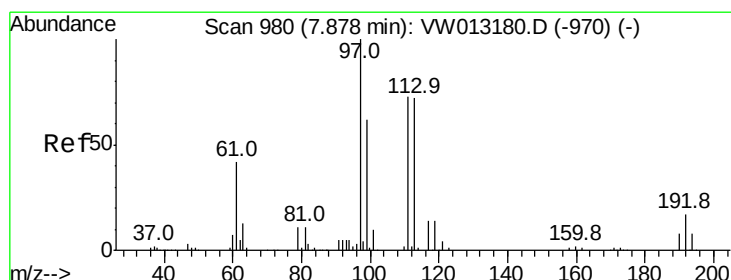
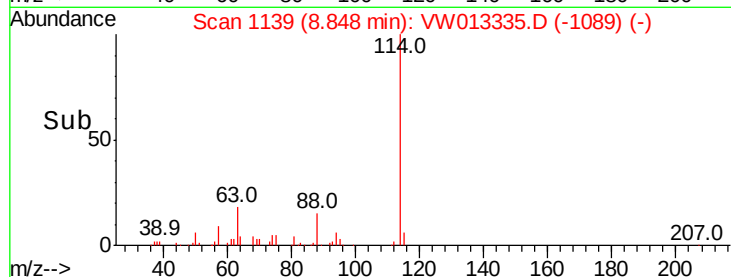
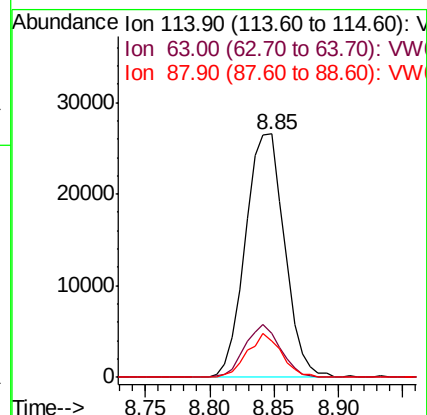
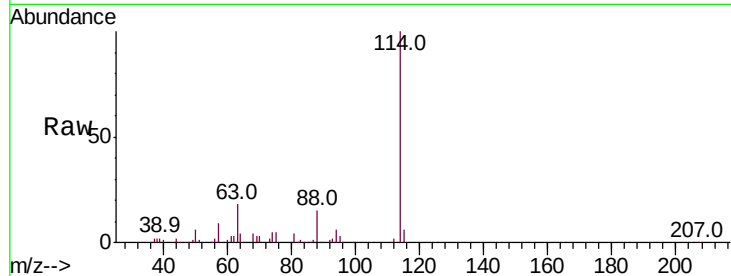




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. 0.01 min
Lab File: VW013335.D
Acq: 30 Sep 2019 16:09

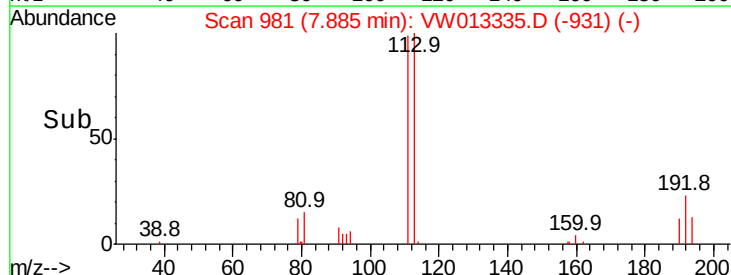
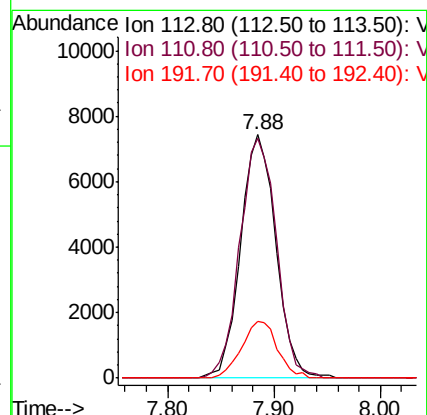
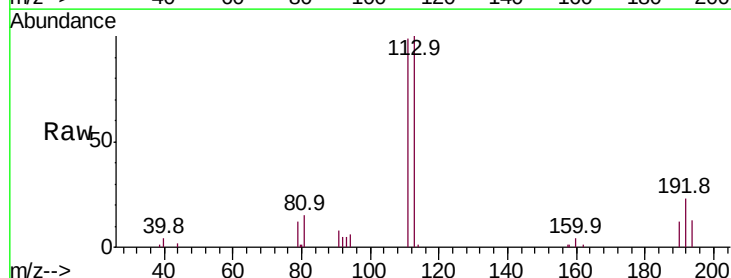
Instrument :
MSVOA_W
ClientSampleId :

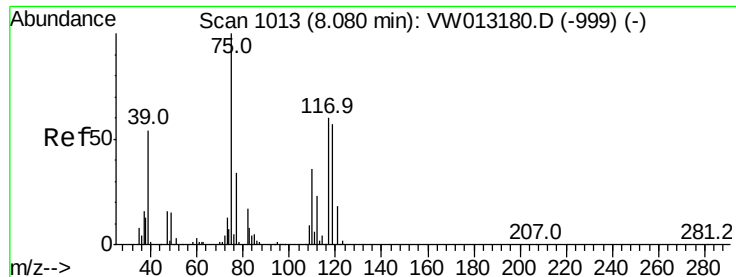
Tot Ion:114 Resp: 55740
Ion Ratio Lower Upper
114 100
63 18.0 0.0 41.4
88 15.1 0.0 32.0



#35
Dibromofluoromethane
Concen: 56.584 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.01 min
Lab File: VW013335.D
Acq: 30 Sep 2019 16:09

Tgt Ion:113 Resp: 17347
Ion Ratio Lower Upper
113 100
111 101.9 81.9 122.9
192 23.7 19.1 28.7

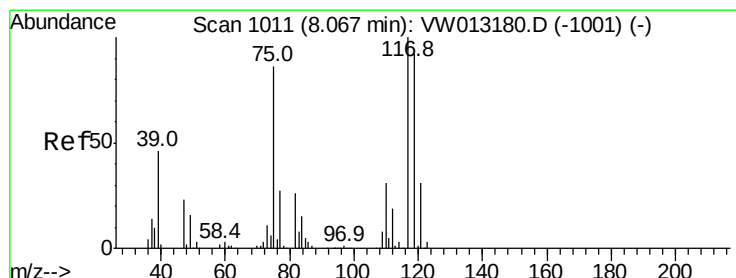
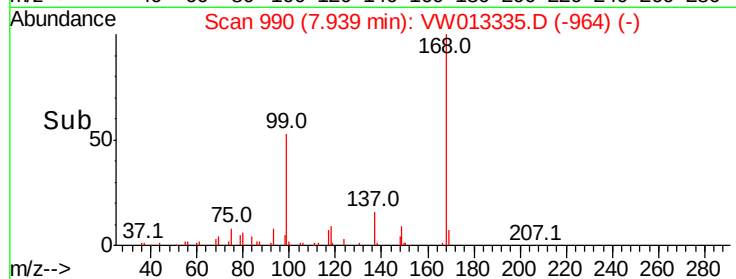
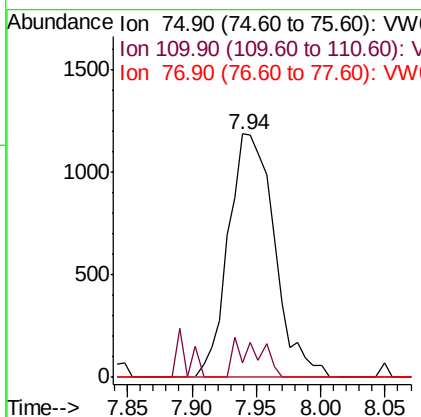
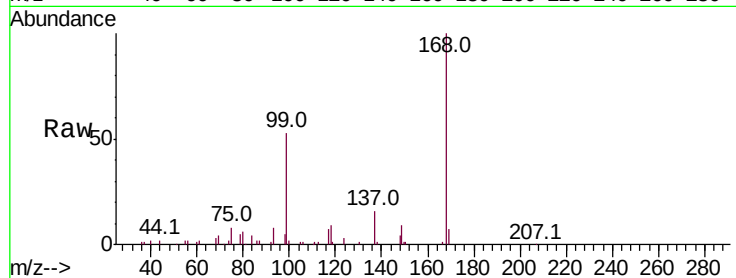




#36
 1,1-Dichloropropene
 Concen: 5.459 ug/l
 RT: 7.94 min Scan# 990
 Delta R.T. -0.14 min
 Lab File: VW013335.D
 Acq: 30 Sep 2019 16:09

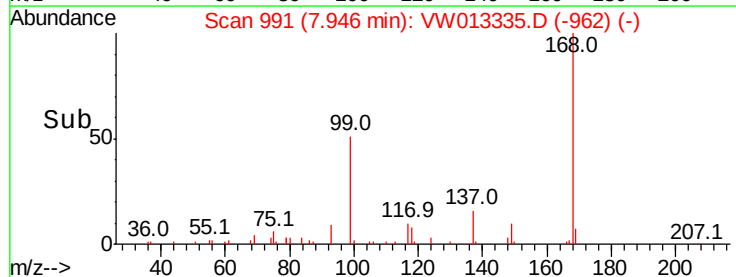
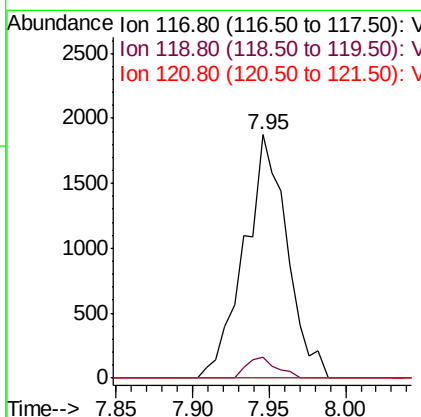
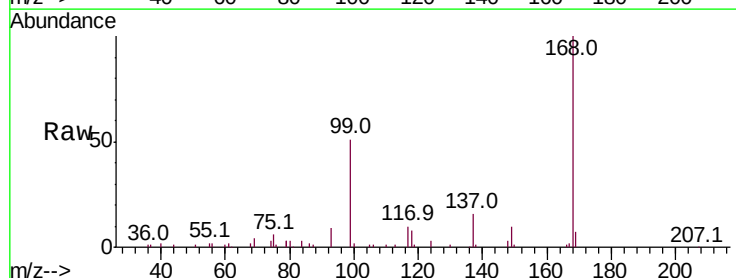
Instrument :
 MSVOA_W
 ClientSampleId :

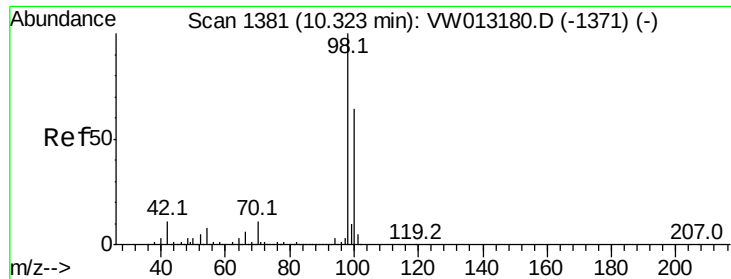
Tot Ion	Ratio	Lower	Upper
75	100		
110	3.3	18.1	54.3#
77	0.0	25.8	38.6#



#38
 Carbon Tetrachloride
 Concen: 7.494 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.12 min
 Lab File: VW013335.D
 Acq: 30 Sep 2019 16:09

Tgt Ion	Ratio	Lower	Upper
117	100		
119	8.5	73.5	110.3#
121	0.0	25.0	37.6#

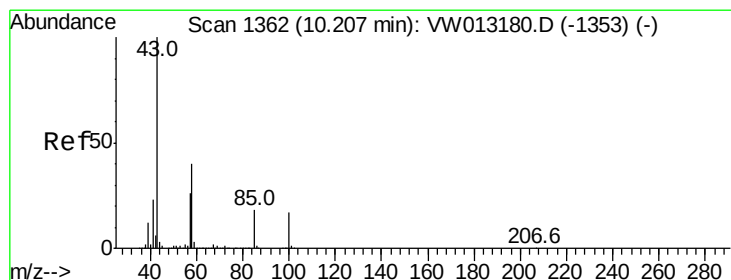
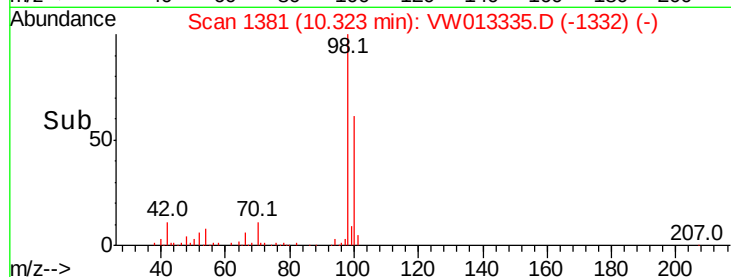
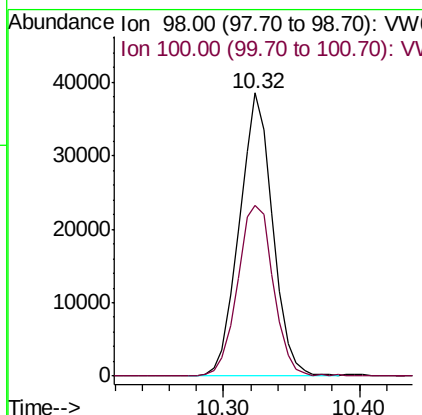
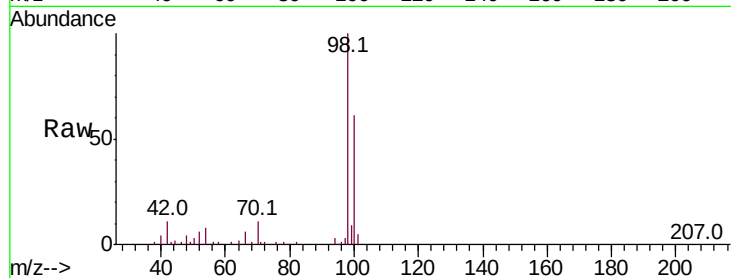




#50
Toluene-d8
Concen: 51.297 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW013335.D
Acq: 30 Sep 2019 16:09

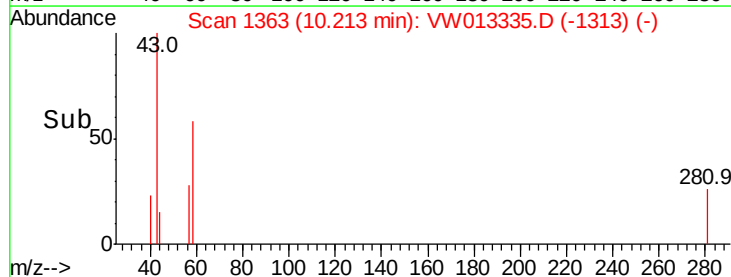
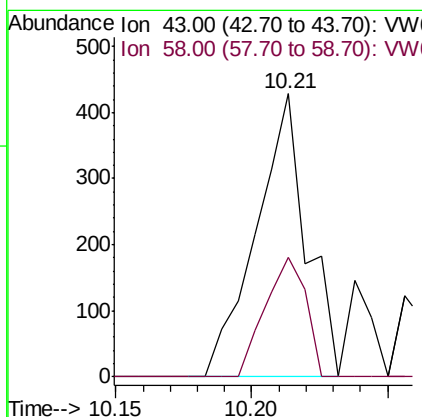
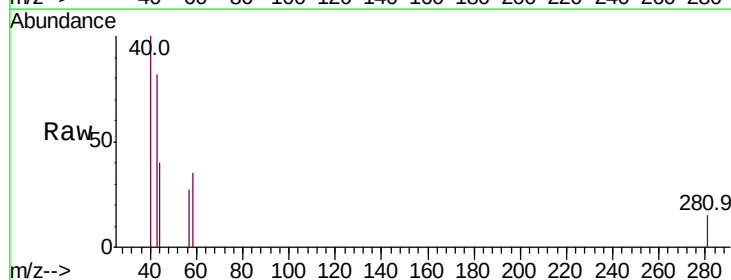
Instrument :
MSVOA_W
ClientSampled :

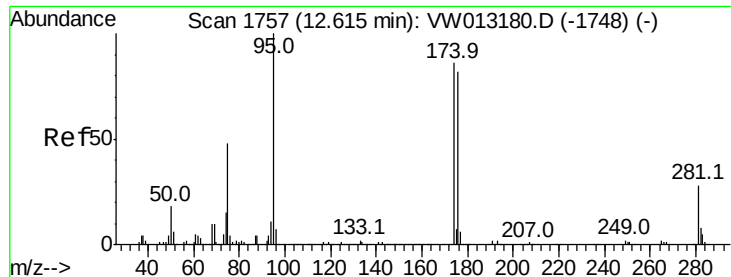
Tot Ion: 98 Resp: 65816
Ion Ratio Lower Upper
98 100
100 65.0 52.9 79.3



#51
4-Methyl-2-Pentanone
Concen: 2.486 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VW013335.D
Acq: 30 Sep 2019 16:09

Tgt Ion: 43 Resp: 548
Ion Ratio Lower Upper
43 100
58 34.1 31.7 47.5

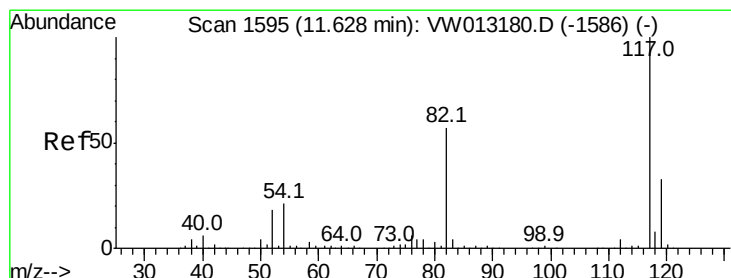
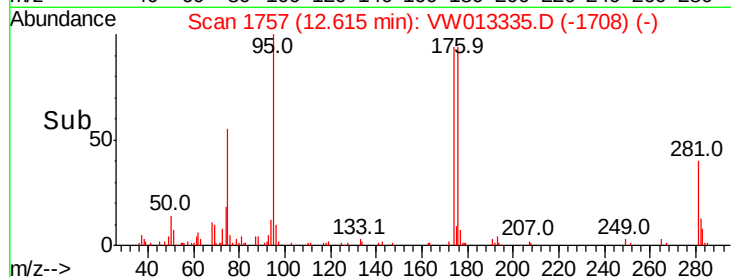
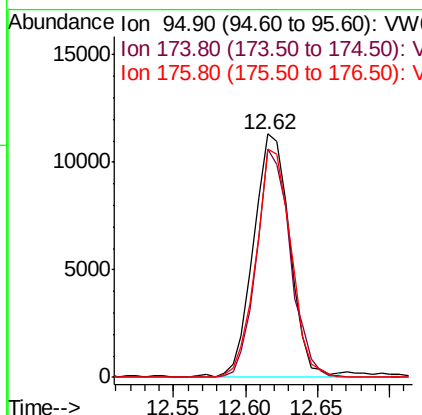
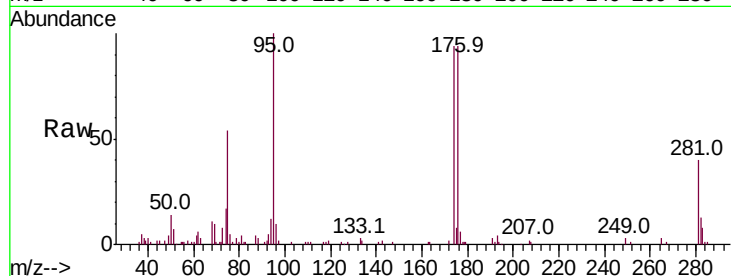




#62
4-Bromofluorobenzene
Concen: 45.086 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW013335.D
Acq: 30 Sep 2019 16:09

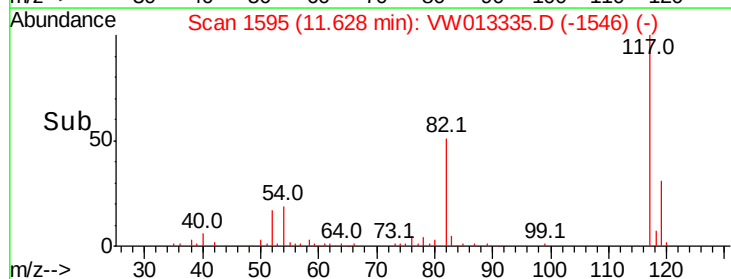
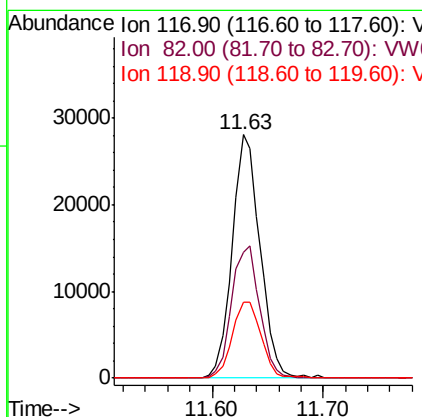
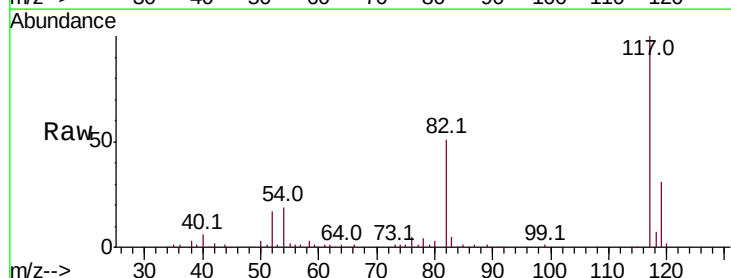
Instrument :
MSVOA_W
ClientSampled :

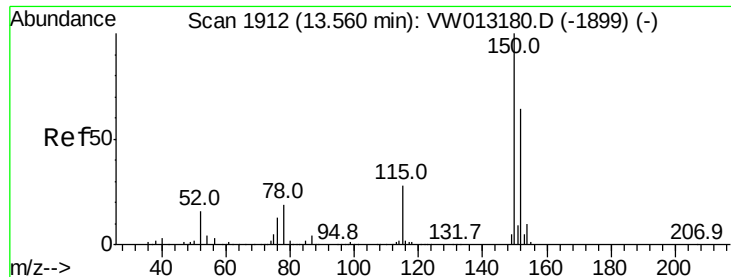
Tot Ion	95	Resp	19760
Ion Ratio	Lower	Upper	
95	100		
174	87.2	0.0	178.4
176	90.1	0.0	172.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW013335.D
Acq: 30 Sep 2019 16:09

Tgt Ion	117	Resp	48699
Ion Ratio	Lower	Upper	
117	100		
82	51.5	45.9	68.9
119	31.0	26.2	39.2



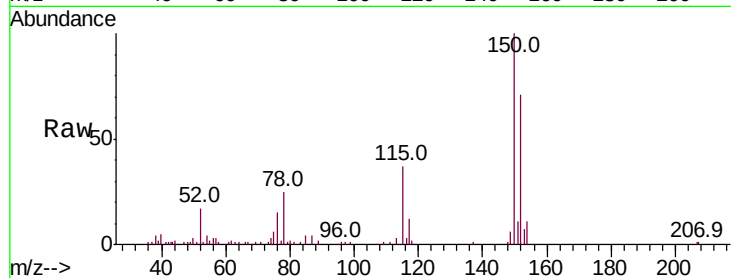


#72

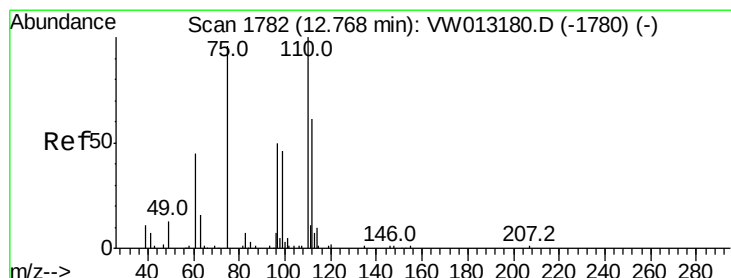
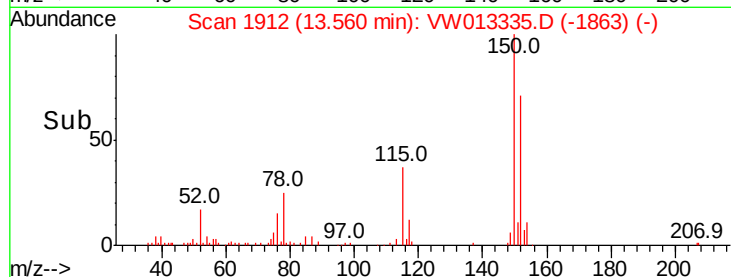
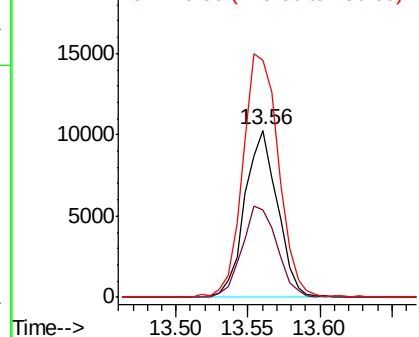
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW013335.D
Acq: 30 Sep 2019 16:09

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:152 Resp: 16176
Ion Ratio Lower Upper
152 100
115 58.7 27.3 81.9
150 158.8 0.0 349.0



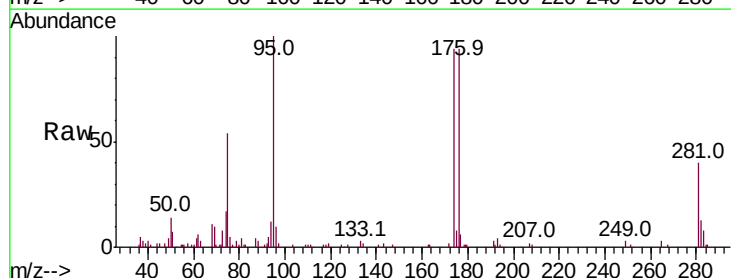
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



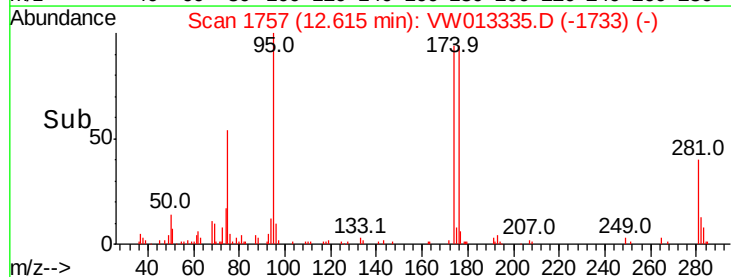
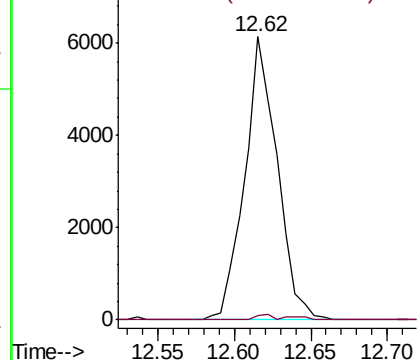
#76

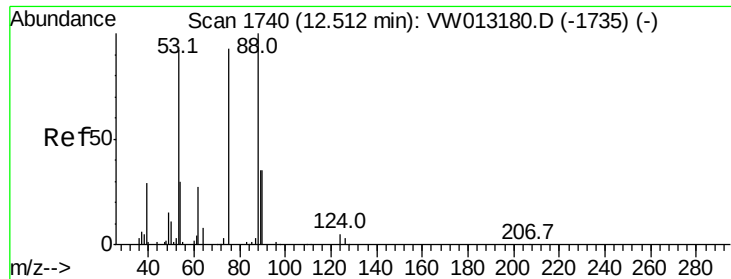
1,2,3-Trichloropropane
Concen: 63.351 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW013335.D
Acq: 30 Sep 2019 16:09

Tgt Ion: 75 Resp: 9050
Ion Ratio Lower Upper
75 100
77 0.8 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: 142.154 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. 0.10 min
 Lab File: VW013335.D
 Acq: 30 Sep 2019 16:09

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion: 75 Resp: 9050
 Ion Ratio Lower Upper
 75 100
 53 0.0 76.6 114.8#
 89 0.4 33.5 50.3#

