

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052019\
 Data File : VW010472.D
 Acq On : 21 May 2019 02:48
 Operator : SY/VA
 Sample : K2951-09
 Misc : 6.63G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-14-S

Quant Time: May 21 07:30:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	112805	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	209473	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	152985	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	43071	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	67030	57.57	ug/l	0.00
Spiked Amount			Recovery	=	115.14%	
35) Dibromofluoromethane	7.88	113	67601	53.19	ug/l	0.00
Spiked Amount			Recovery	=	106.38%	
50) Toluene-d8	10.32	98	251207	51.73	ug/l	0.00
Spiked Amount			Recovery	=	103.46%	
62) 4-Bromofluorobenzene	12.62	95	65385	33.81	ug/l	0.00
Spiked Amount			Recovery	=	67.62%	

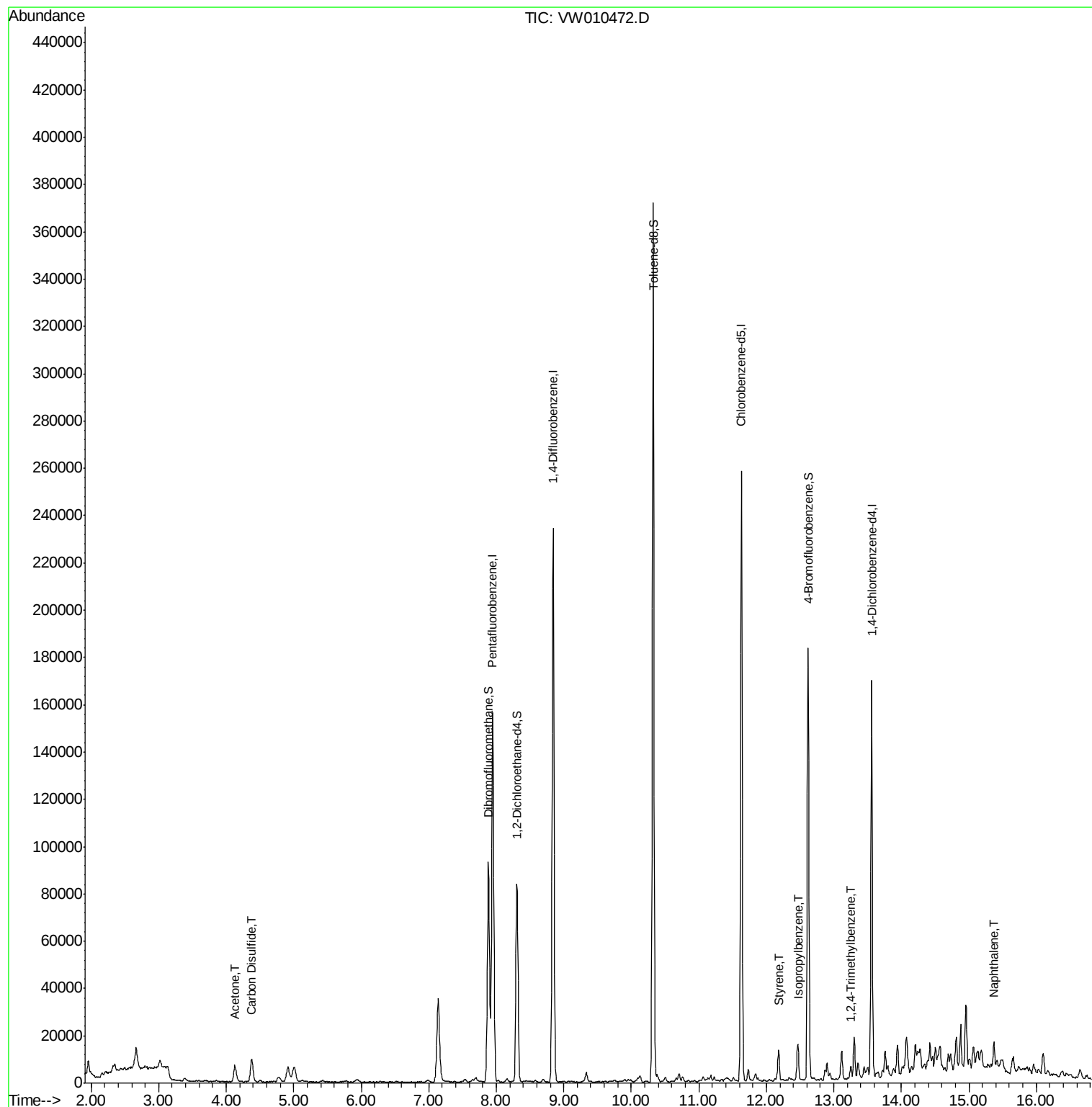
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.13	43	13073	55.005	ug/l	95
17) Carbon Disulfide	4.38	76	19964	5.617	ug/l	96
70) Styrene	12.18	104	5974	1.646	ug/l	93
73) Isopropylbenzene	12.47	105	10459	3.060	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	3231	1.121	ug/l	98
95) Naphthalene	15.37	128	10505	5.380	ug/l	97

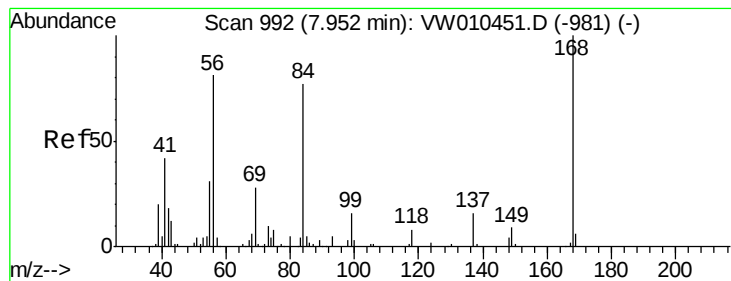
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW010472.D

Acq: 21 May 2019 02:48

Instrument :

MSVOA_W

ClientSampleId :

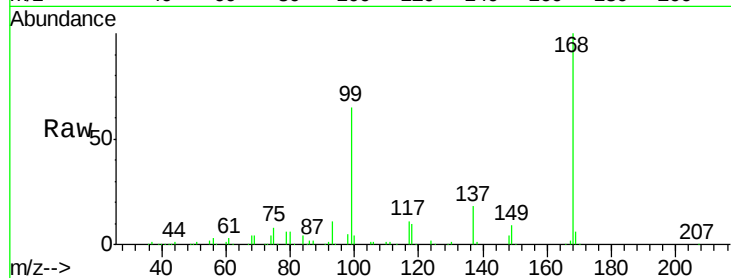
TP-14-S

Tot Ion:168 Resp: 112805

Ion Ratio Lower Upper

168 100

99 64.7 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

60000

50000

40000

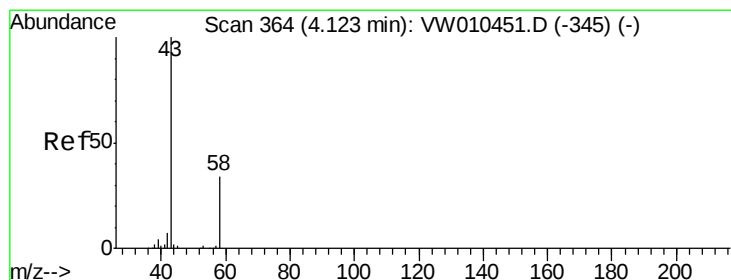
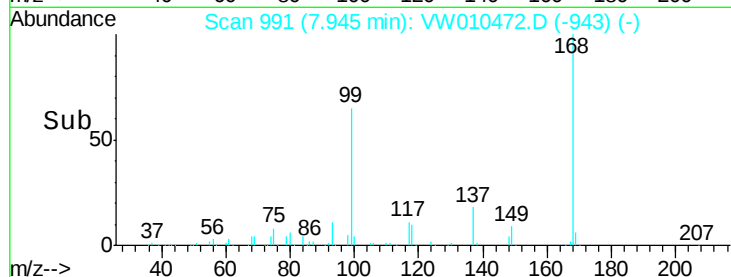
30000

20000

10000

0

Time-->



#16

Acetone

Concen: 55.005 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW010472.D

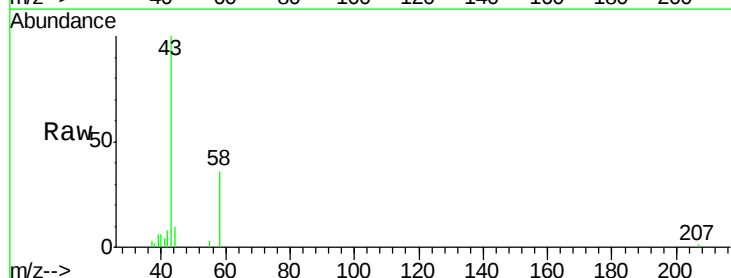
Acq: 21 May 2019 02:48

Tgt Ion: 43 Resp: 13073

Ion Ratio Lower Upper

43 100

58 36.4 27.0 40.4



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.13

5000

4000

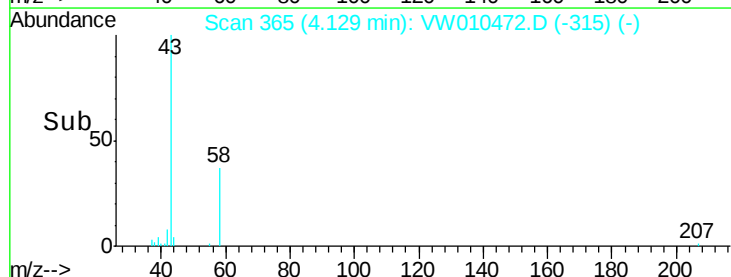
3000

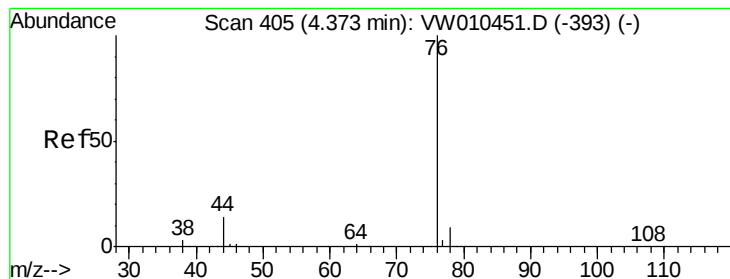
2000

1000

0

Time-->





#17

Carbon Disulfide

Concen: 5.617 ug/l

RT: 4.38 min Scan# 406

Delta R.T. 0.01 min

Lab File: VW010472.D

Acq: 21 May 2019 02:48

Instrument :

MSVOA_W

ClientSampleId :

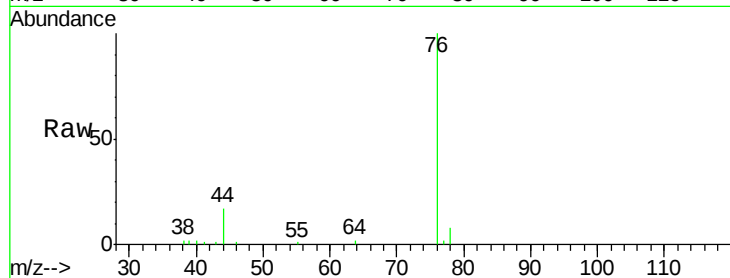
TP-14-S

Tot Ion: 76 Resp: 19964

Ion Ratio Lower Upper

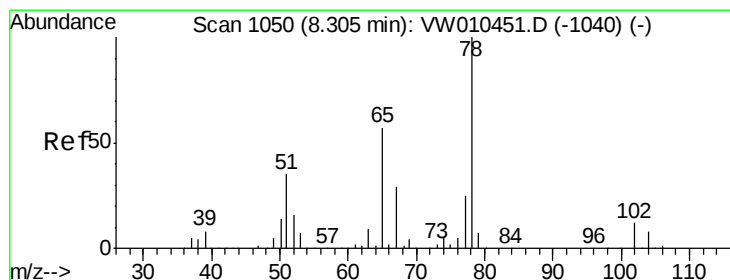
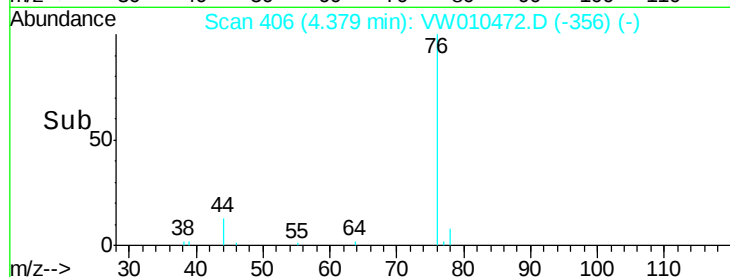
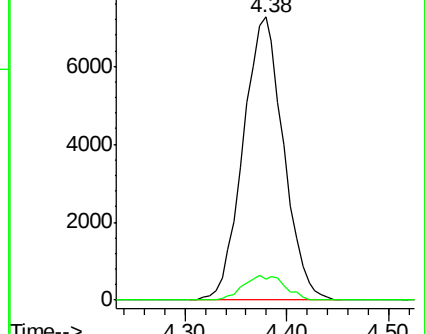
76 100

78 7.6 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#33

1,2-Dichloroethane-d4

Concen: 57.569 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW010472.D

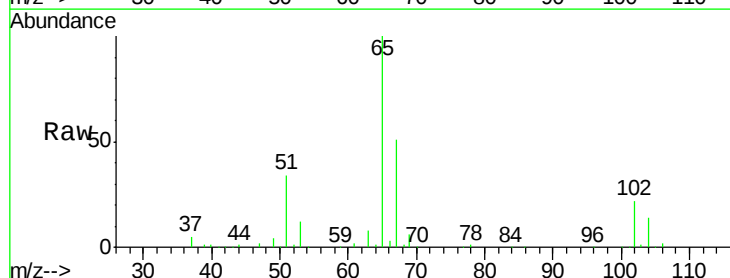
Acq: 21 May 2019 02:48

Tgt Ion: 65 Resp: 67030

Ion Ratio Lower Upper

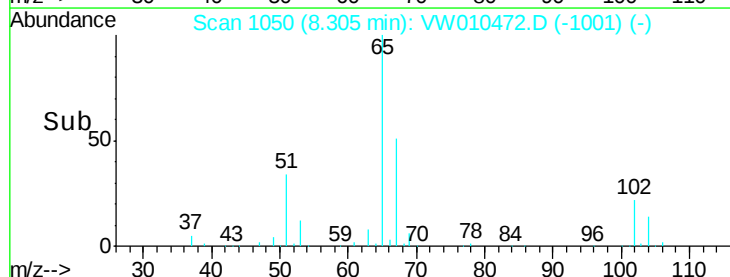
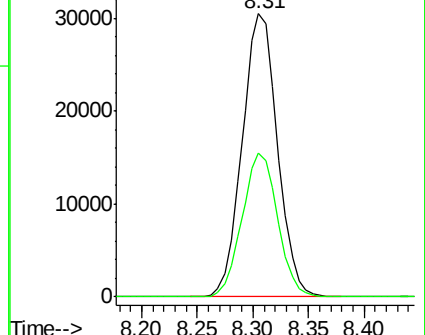
65 100

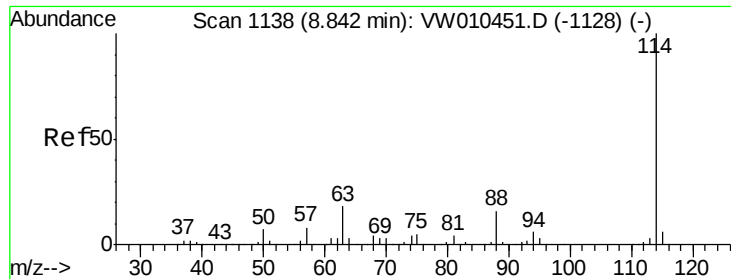
67 51.2 0.0 103.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

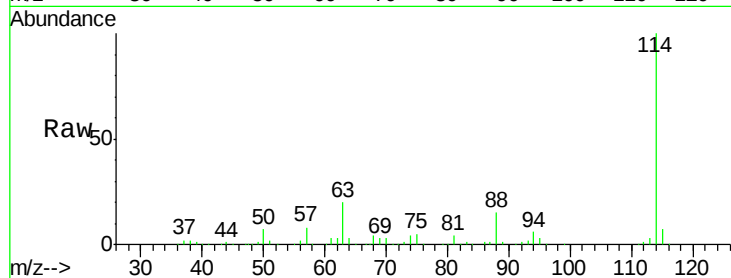




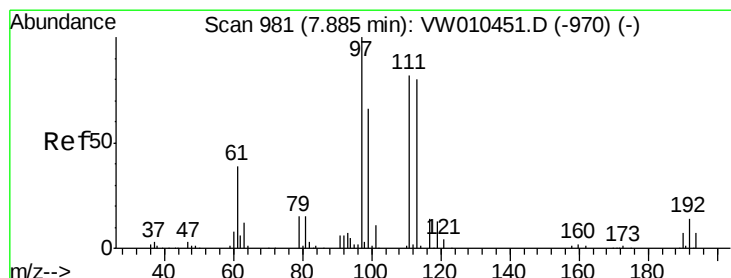
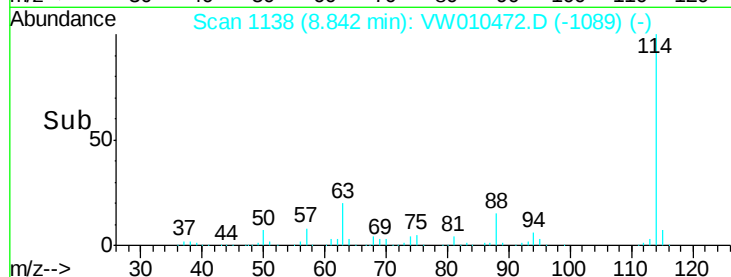
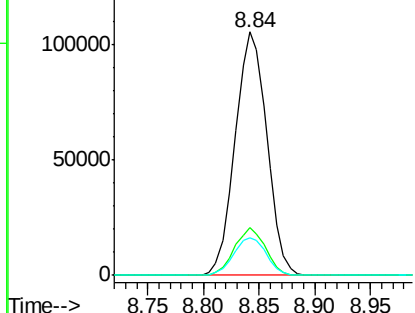
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW010472.D
 Acq: 21 May 2019 02:48

Instrument :
 MSVOA_W
 ClientSampled :
 TP-14-S

Tot Ion:114 Resp: 209473
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 36.0
 88 15.4 0.0 32.0

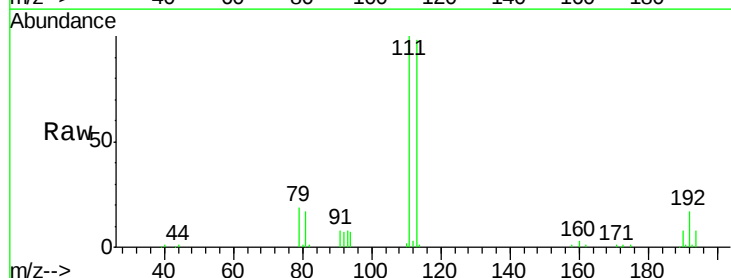


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

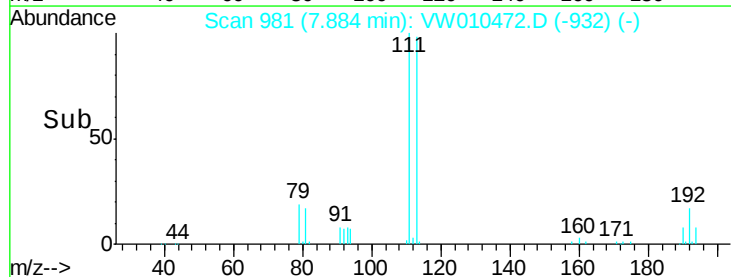
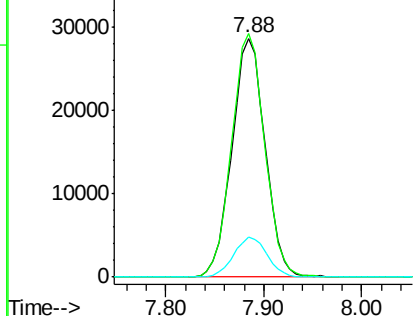


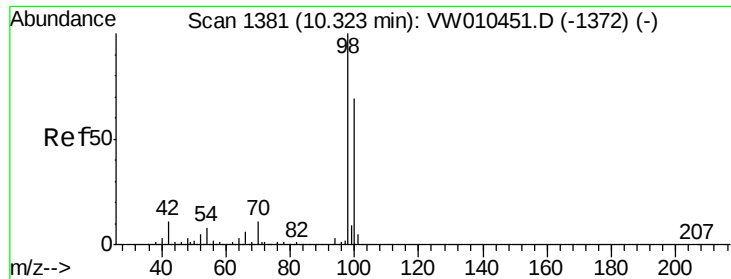
#35
 Dibromofluoromethane
 Concen: 53.186 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW010472.D
 Acq: 21 May 2019 02:48

Tgt Ion:113 Resp: 67601
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.2 123.4
 192 16.9 14.3 21.5



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





#50

Toluene-d8

Concen: 51.735 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW010472.D

Acq: 21 May 2019 02:48

Instrument :

MSVOA_W

ClientSampleId :

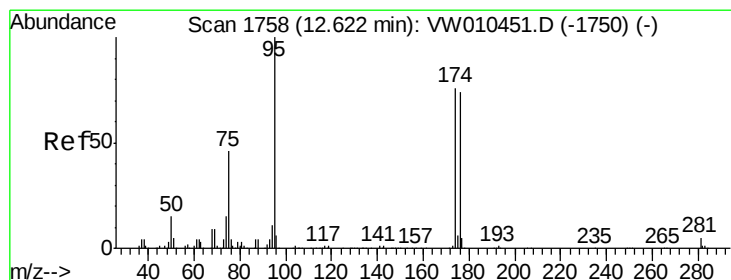
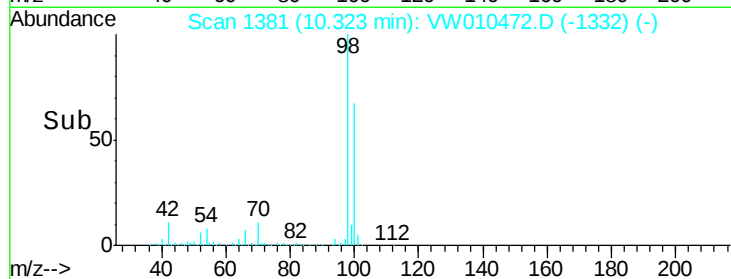
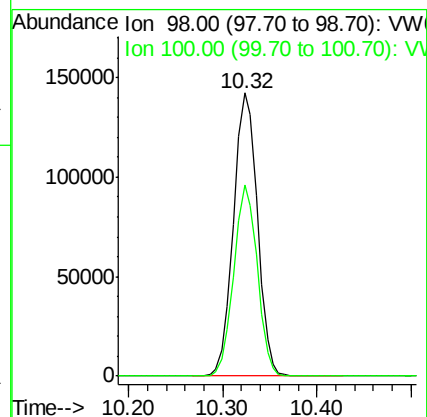
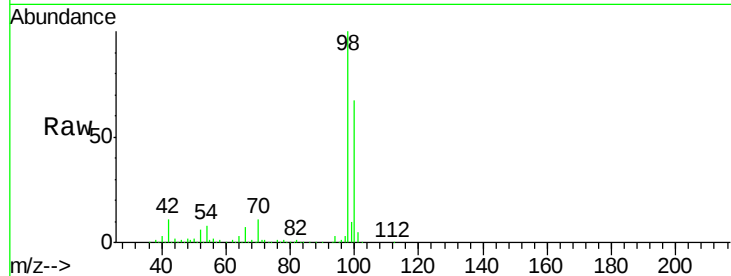
TP-14-S

Tot Ion: 98 Resp: 251207

Ion Ratio Lower Upper

98 100

100 66.2 53.7 80.5



#62

4-Bromofluorobenzene

Concen: 33.807 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW010472.D

Acq: 21 May 2019 02:48

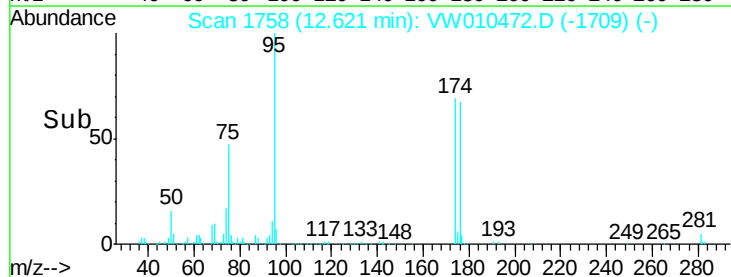
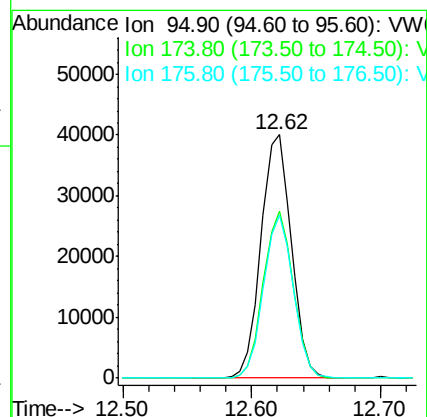
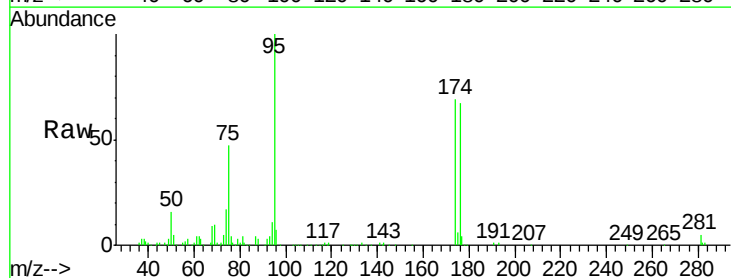
Tgt Ion: 95 Resp: 65385

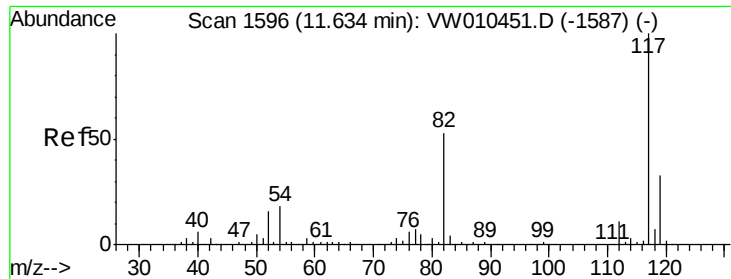
Ion Ratio Lower Upper

95 100

174 67.4 0.0 148.6

176 65.4 0.0 144.2

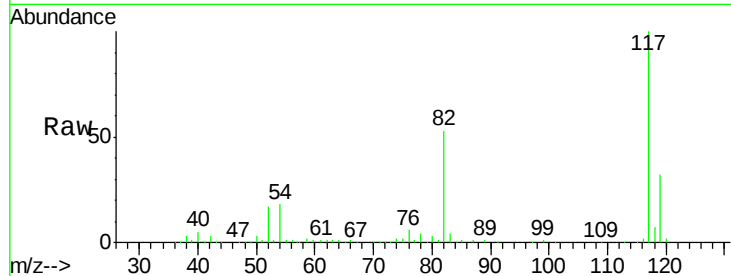




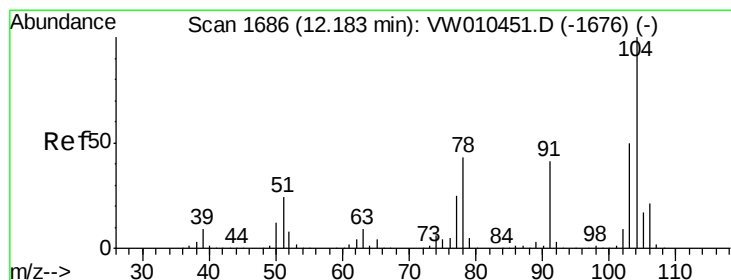
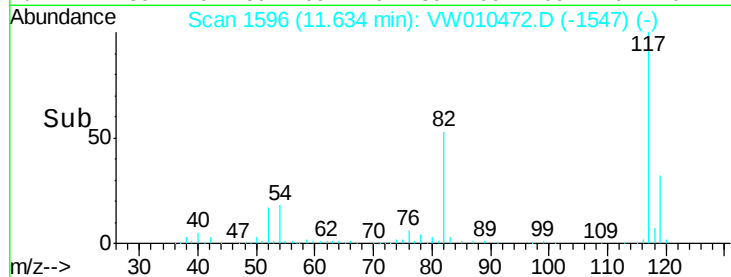
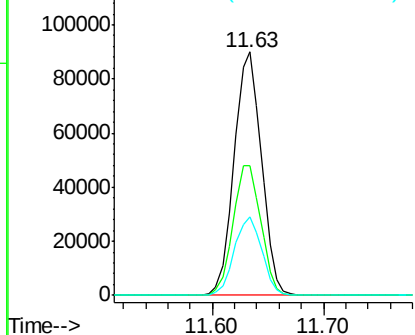
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010472.D
Acq: 21 May 2019 02:48

Instrument :
MSVOA_W
ClientSampleId :
TP-14-S

Tot Ion:117 Resp: 152985
Ion Ratio Lower Upper
117 100
82 53.3 42.8 64.2
119 32.0 26.3 39.5

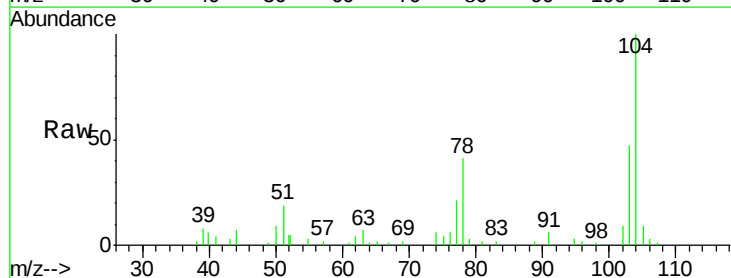


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VW
Ion 118.90 (118.60 to 119.60): V

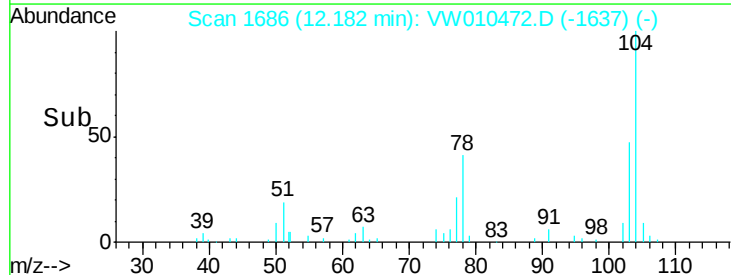
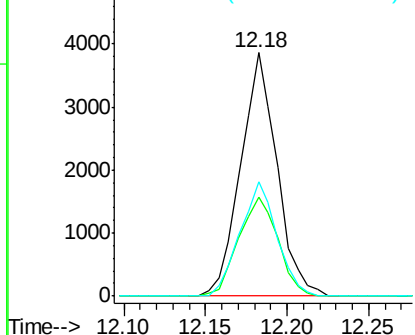


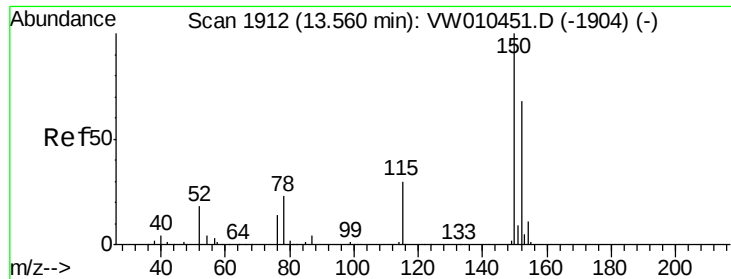
#70
Styrene
Concen: 1.646 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW010472.D
Acq: 21 May 2019 02:48

Tgt Ion:104 Resp: 5974
Ion Ratio Lower Upper
104 100
78 44.2 39.0 58.4
103 48.2 43.0 64.6



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VW
Ion 103.00 (102.70 to 103.70): V



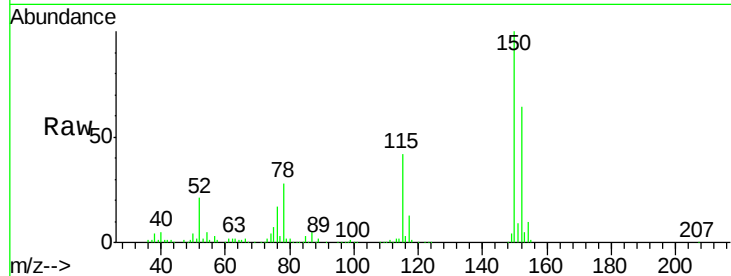


#72

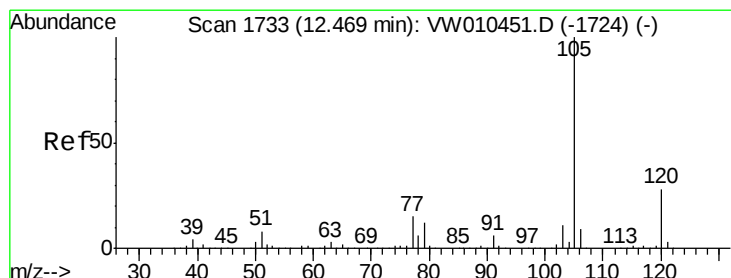
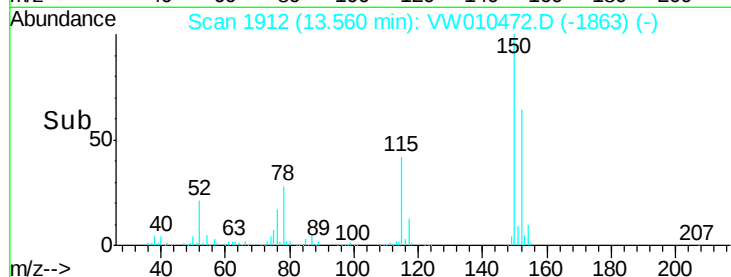
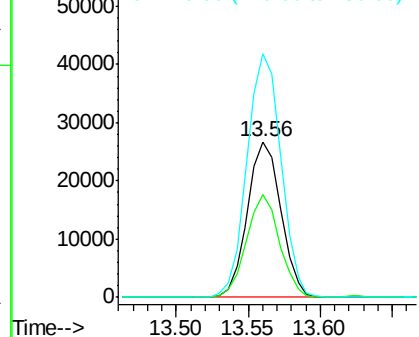
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010472.D
Acq: 21 May 2019 02:48

Instrument :
MSVOA_W
ClientSampled :
TP-14-S

Tot Ion:152 Resp: 43071
Ion Ratio Lower Upper
152 100
115 63.9 30.3 91.0
150 158.1 0.0 349.8



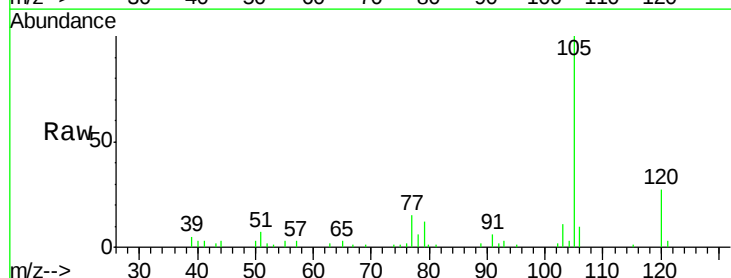
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



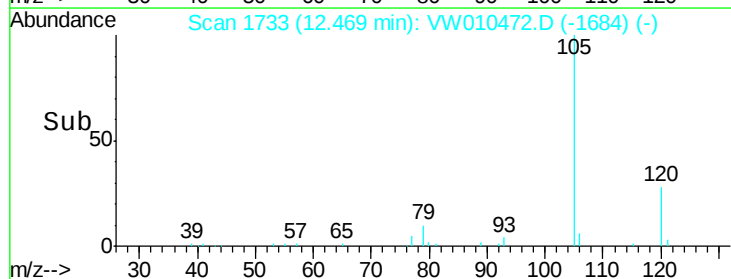
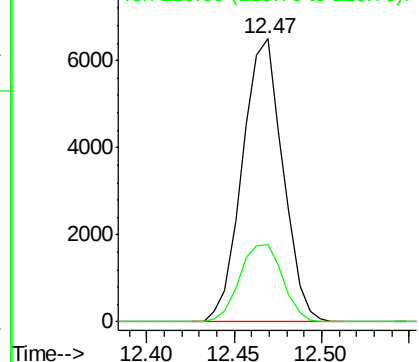
#73

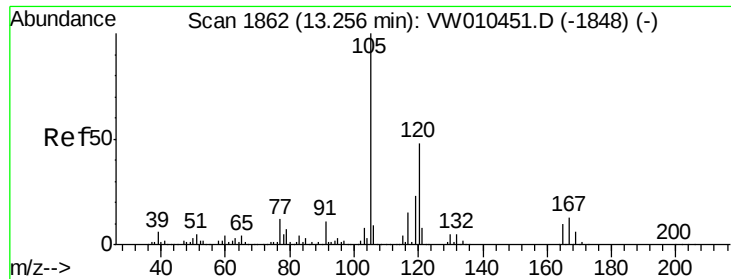
Isopropylbenzene
Concen: 3.060 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW010472.D
Acq: 21 May 2019 02:48

Tgt Ion:105 Resp: 10459
Ion Ratio Lower Upper
105 100
120 29.0 13.9 41.7



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

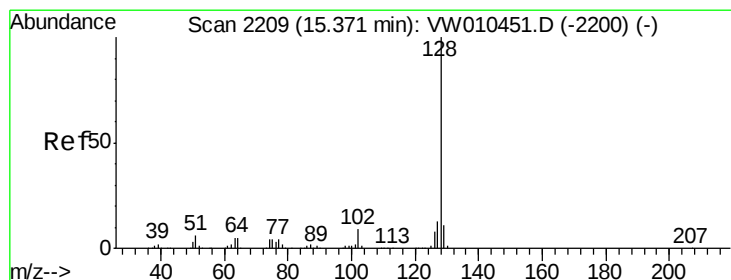
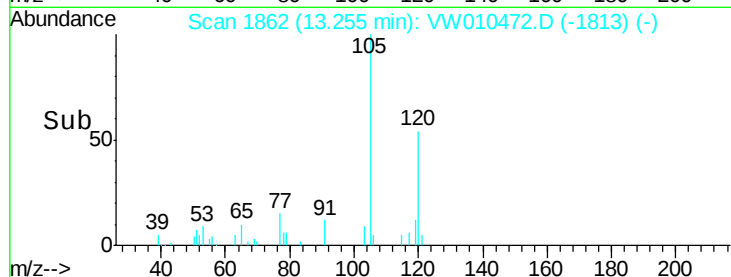
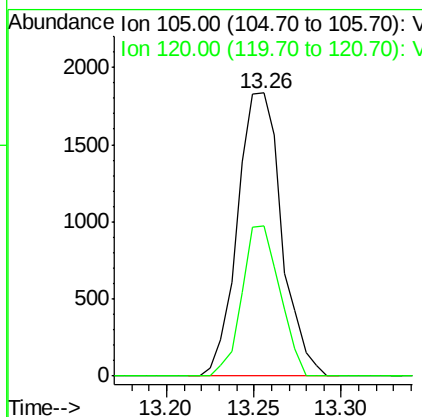
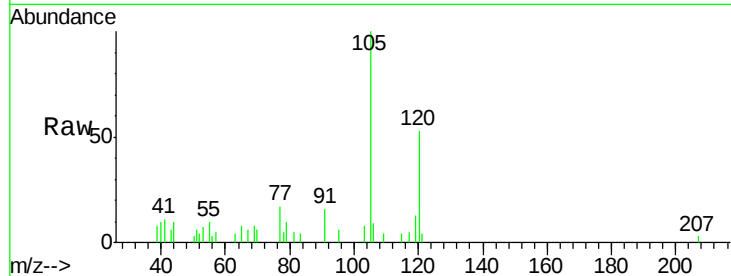




#84
 1,2,4-Trimethylbenzene
 Concen: 1.121 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW010472.D
 Acq: 21 May 2019 02:48

Instrument :
 MSVOA_W
 ClientSampled :
 TP-14-S

Tot Ion:105 Resp: 3231
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.4 70.2



#95
 Naphthalene
 Concen: 5.380 ug/l
 RT: 15.37 min Scan# 2209
 Delta R.T. -0.00 min
 Lab File: VW010472.D
 Acq: 21 May 2019 02:48

Tgt Ion:128 Resp: 10505
 Ion Ratio Lower Upper
 128 100
 127 14.2 10.6 15.8
 129 12.7 8.9 13.3

