

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091919\
 Data File : VW013173.D
 Acq On : 19 Sep 2019 20:27
 Operator : SY/VA
 Sample : K4925-03
 Misc : 5.01G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SS-3

Quant Time: Sep 20 09:04:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

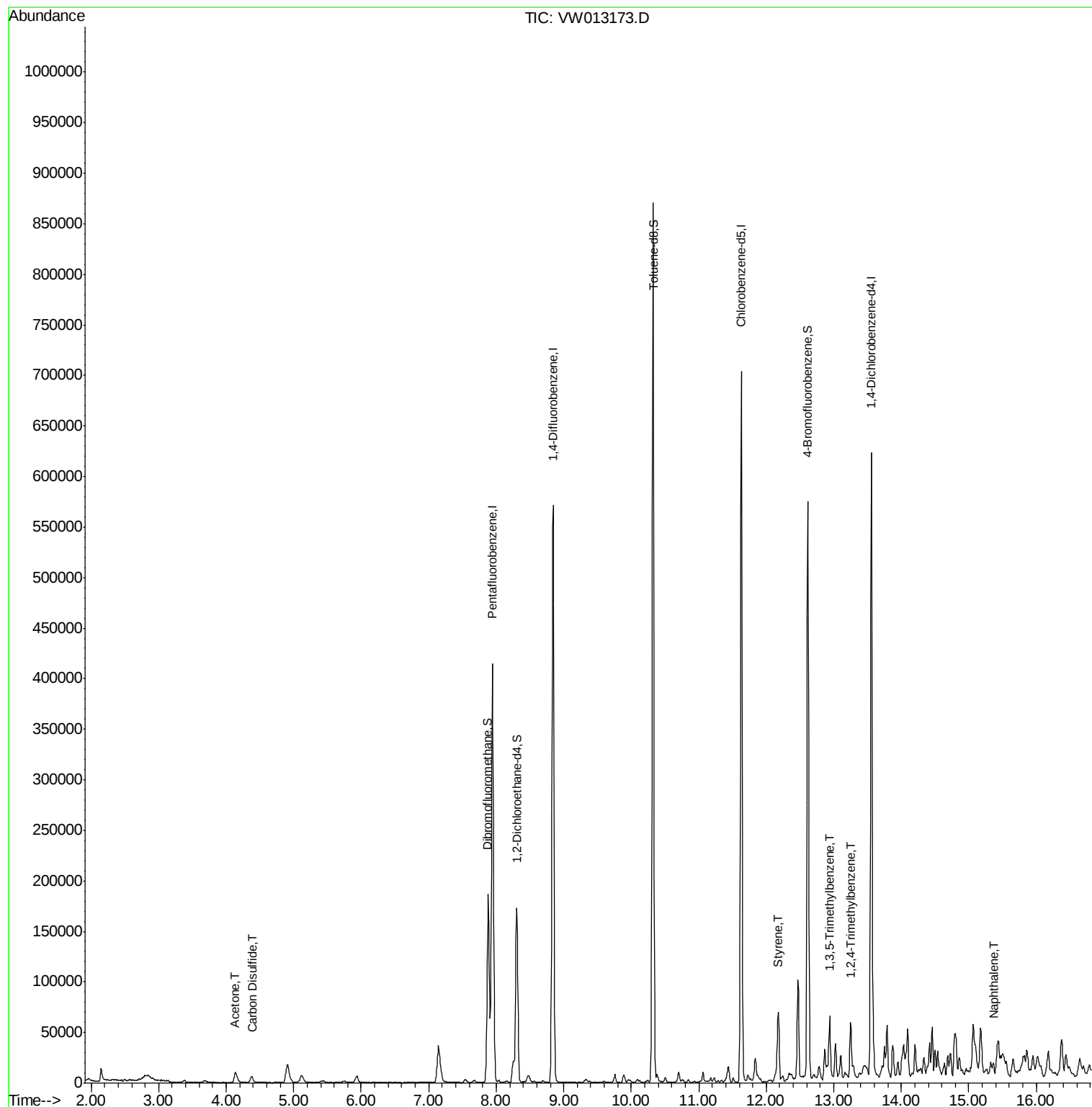
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	335079	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	502028	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	411691	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	176017	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	135392	43.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.50%	
35) Dibromofluoromethane	7.88	113	135406	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.42%	
50) Toluene-d8	10.32	98	574629	53.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.82%	
62) 4-Bromofluorobenzene	12.62	95	177516	46.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.62%	
Target Compounds						
16) Acetone	4.14	43	21408	13.378	ug/l	97
17) Carbon Disulfide	4.39	76	13474	2.923	ug/l #	94
70) Styrene	12.18	104	32123	3.893	ug/l #	90
80) 1,3,5-Trimethylbenzene	12.94	105	21823	2.211	ug/l	97
84) 1,2,4-Trimethylbenzene	13.25	105	33345	3.419	ug/l	100
95) Naphthalene	15.36	128	5842	1.048	ug/l #	85

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

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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: VW013173.D

Acq: 19 Sep 2019 20:27

Instrument :

MSVOA_W

ClientSampleId :

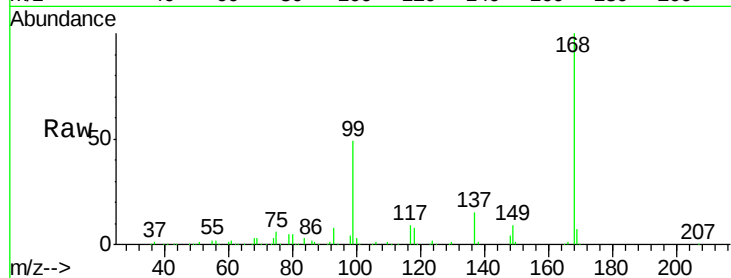
SS-3

Tot Ion:168 Resp: 335079

Ion Ratio Lower Upper

168 100

99 48.6 46.2 69.2



Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

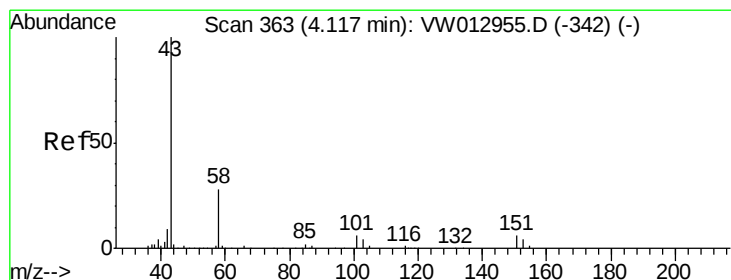
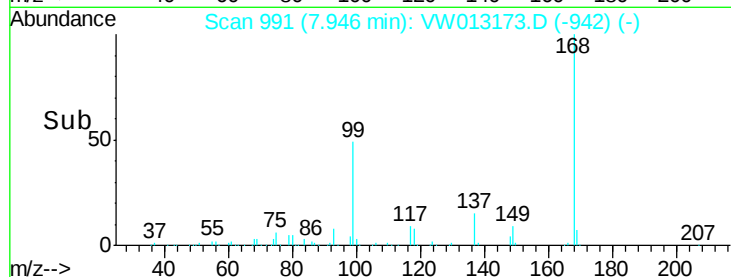
100000

50000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 13.378 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW013173.D

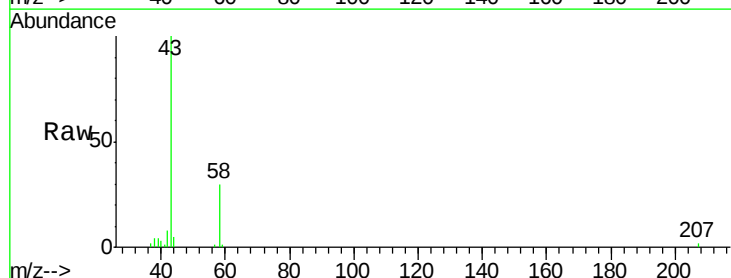
Acq: 19 Sep 2019 20:27

Tgt Ion: 43 Resp: 21408

Ion Ratio Lower Upper

43 100

58 29.7 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

8000

6000

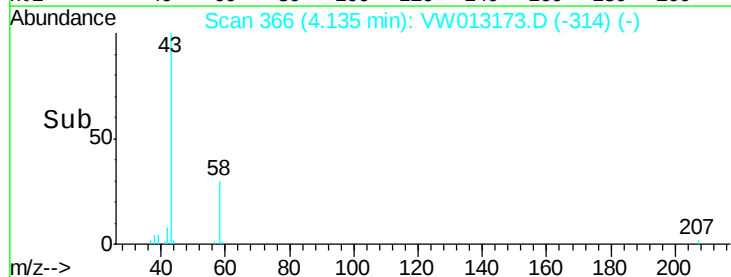
4000

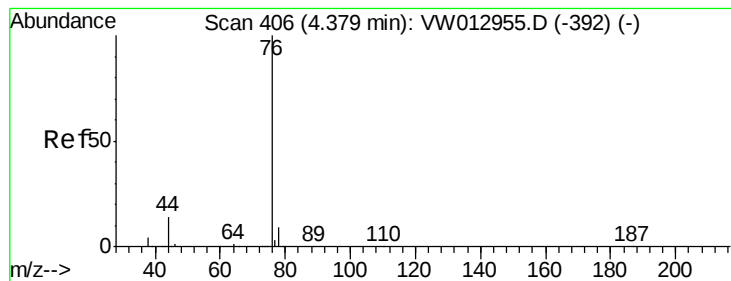
2000

0

4.00 4.10 4.20

Time-->





#17

Carbon Disulfide

Concen: 2.923 ug/l

RT: 4.39 min Scan# 407

Delta R.T. 0.01 min

Lab File: VW013173.D

Acq: 19 Sep 2019 20:27

Instrument :

MSVOA_W

ClientSampled :

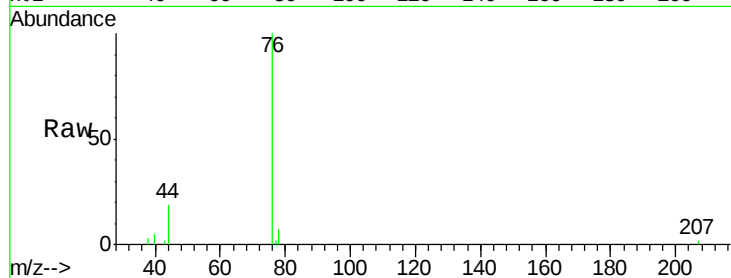
SS-3

Tot Ion: 76 Resp: 13474

Ion Ratio Lower Upper

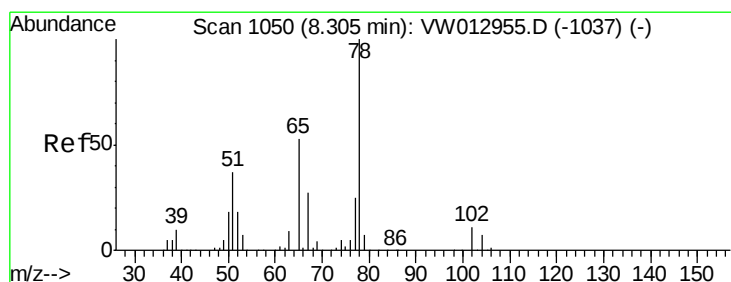
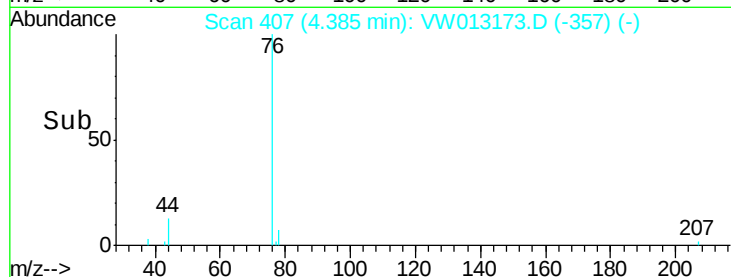
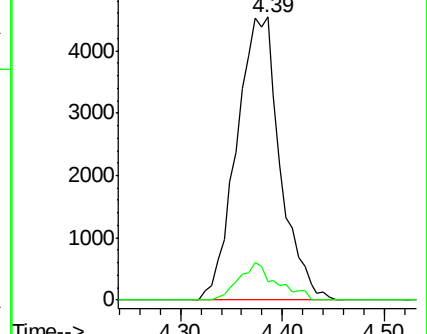
76 100

78 6.7 7.0 10.4#



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: 43.750 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW013173.D

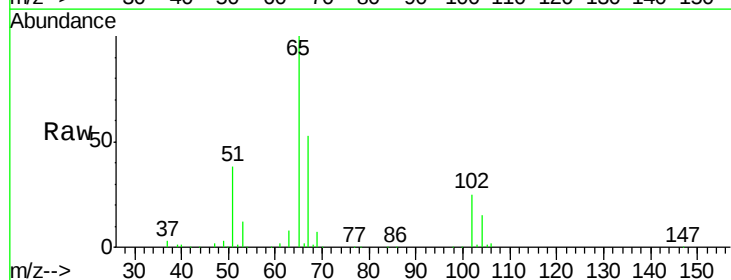
Acq: 19 Sep 2019 20:27

Tgt Ion: 65 Resp: 135392

Ion Ratio Lower Upper

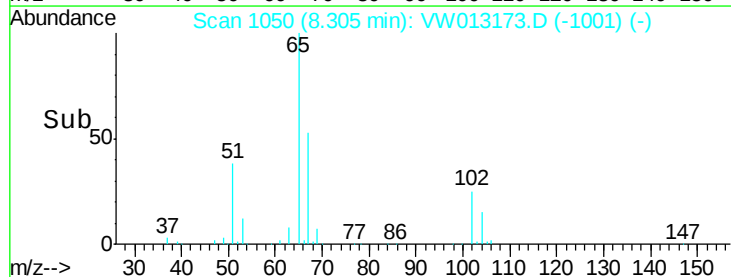
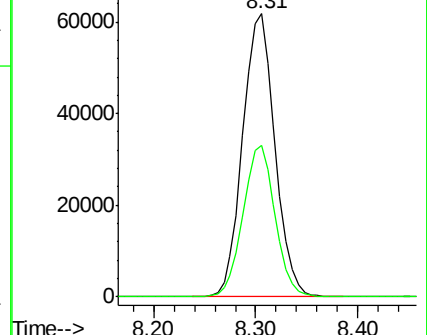
65 100

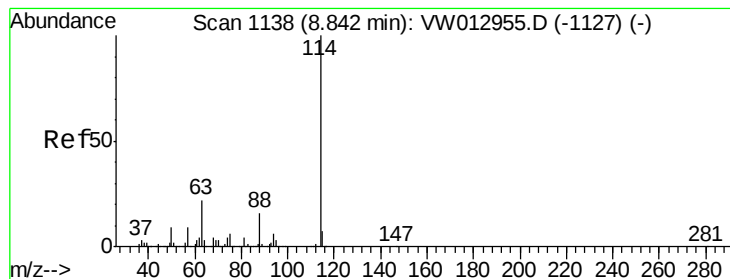
67 53.3 0.0 101.2



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: VW013173.D

Acq: 19 Sep 2019 20:27

Instrument :

MSVOA_W

ClientSampleId :

SS-3

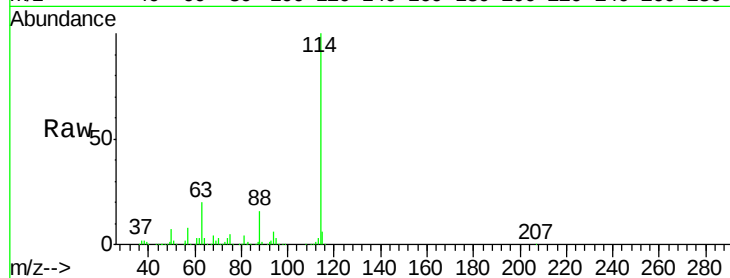
Tot Ion:114 Resp: 502028

Ion Ratio Lower Upper

114 100

63 19.9 0.0 43.4

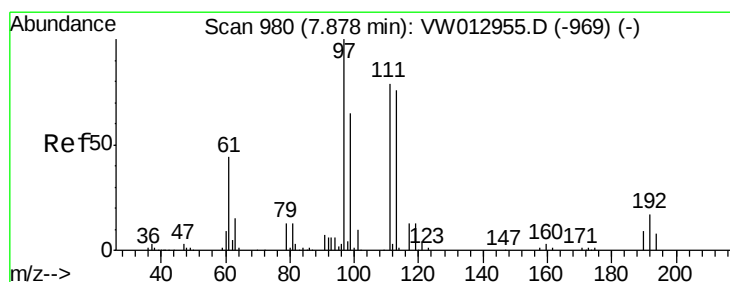
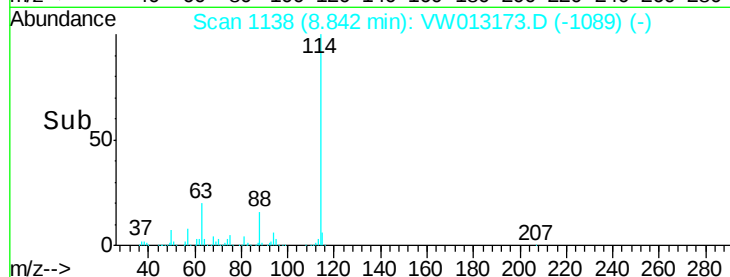
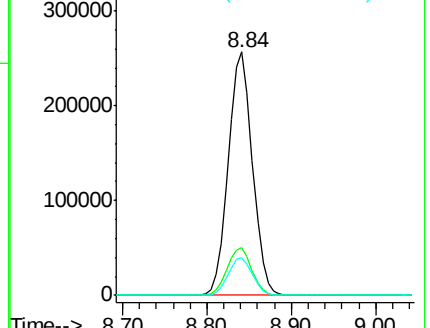
88 15.7 0.0 31.6



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: 49.707 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.01 min

Lab File: VW013173.D

Acq: 19 Sep 2019 20:27

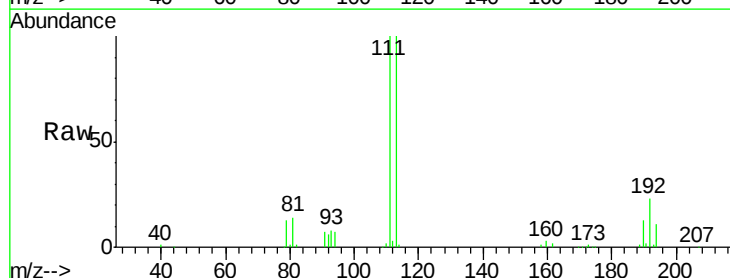
Tgt Ion:113 Resp: 135406

Ion Ratio Lower Upper

113 100

111 101.6 82.8 124.2

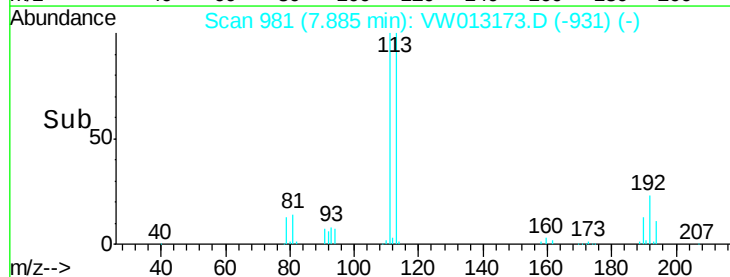
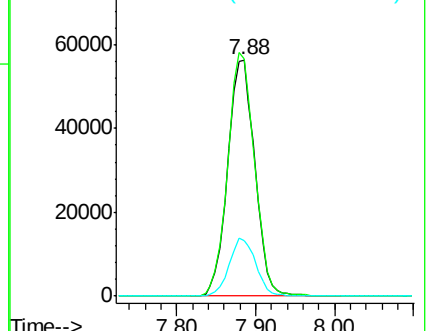
192 23.7 17.8 26.8

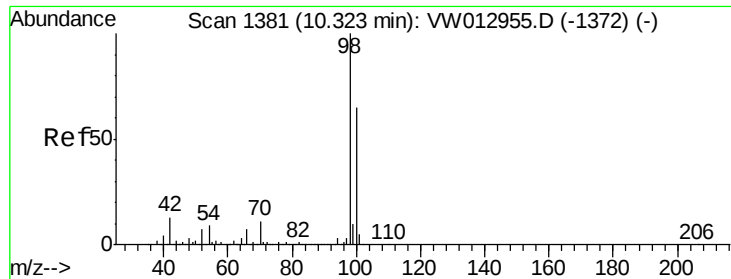


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.907 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW013173.D

Acq: 19 Sep 2019 20:27

Instrument :

MSVOA_W

ClientSampleId :

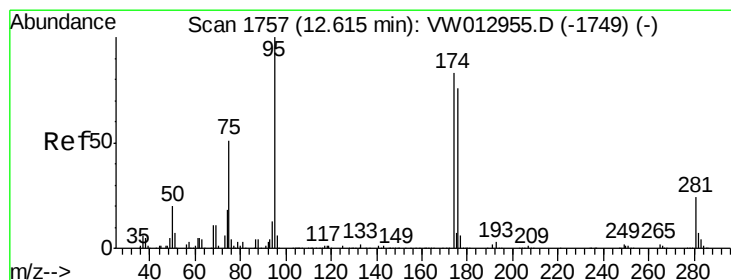
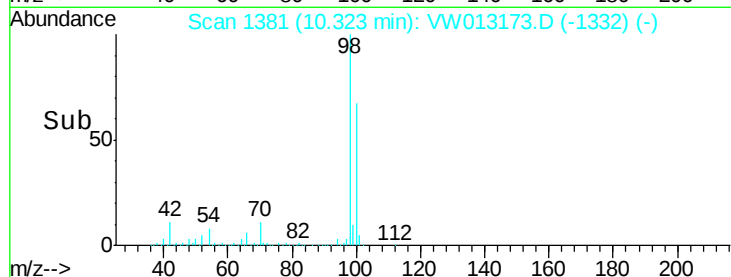
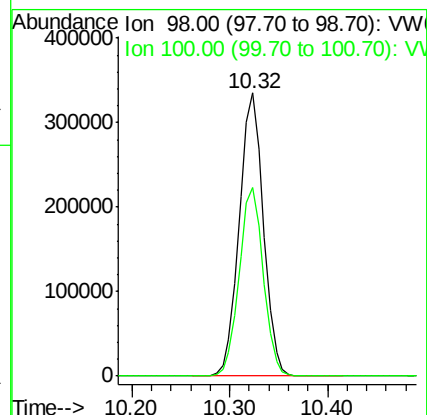
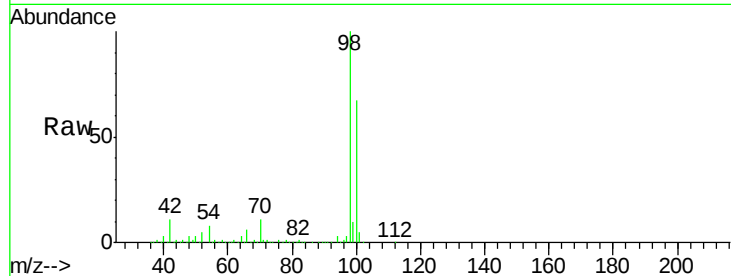
SS-3

Tot Ion: 98 Resp: 574629

Ion Ratio Lower Upper

98 100

100 66.5 52.1 78.1



#62

4-Bromofluorobenzene

Concen: 46.313 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW013173.D

Acq: 19 Sep 2019 20:27

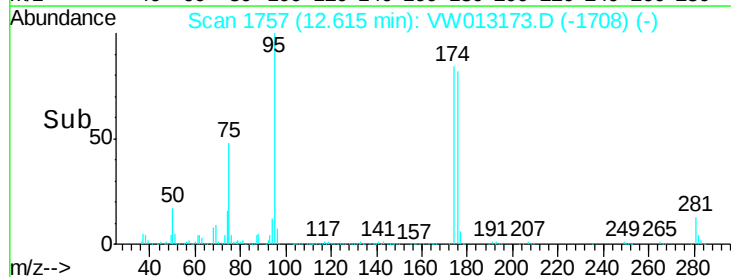
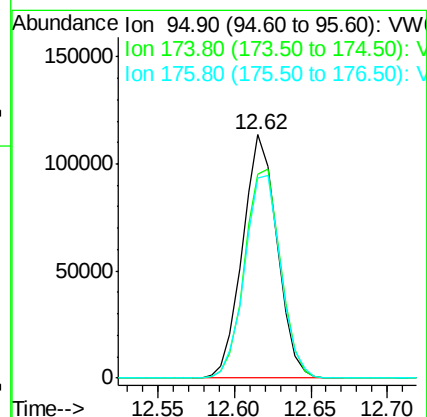
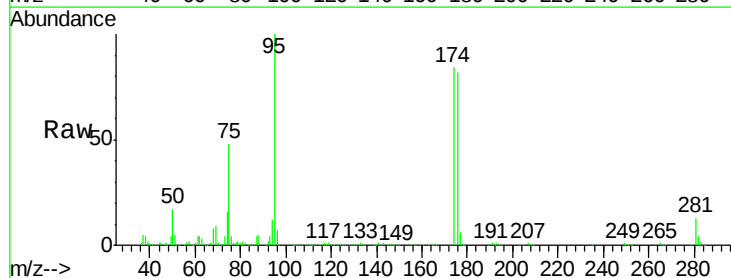
Tgt Ion: 95 Resp: 177516

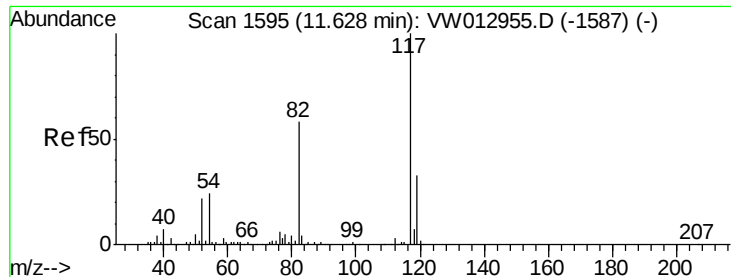
Ion Ratio Lower Upper

95 100

174 89.5 0.0 170.4

176 87.1 0.0 164.6

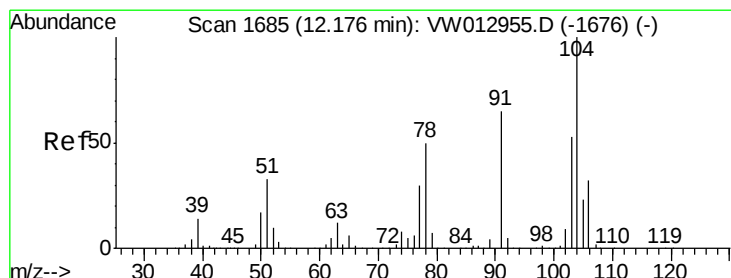
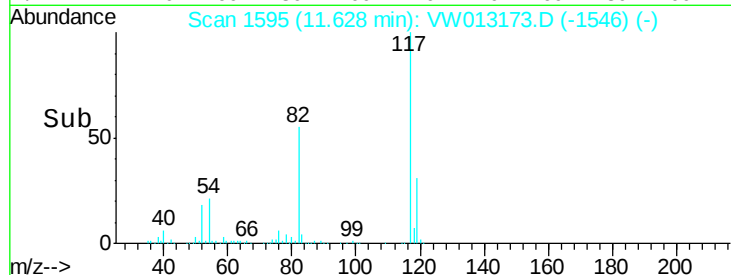
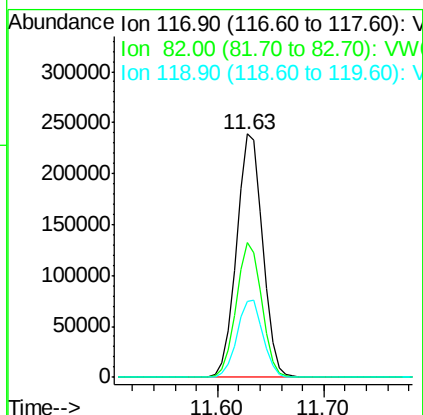
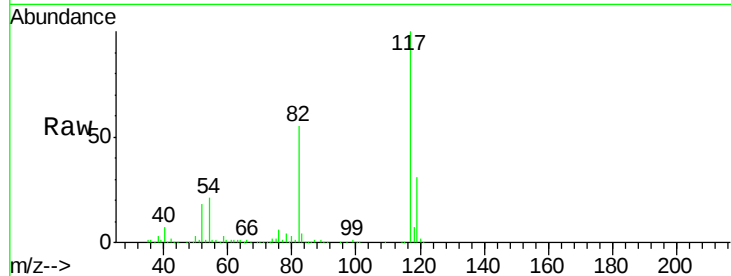




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. 0.00 min
Lab File: VW013173.D
Acq: 19 Sep 2019 20:27

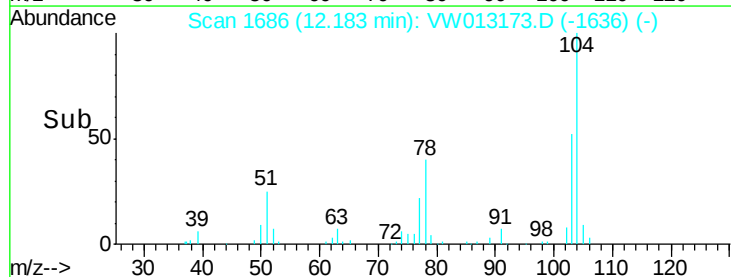
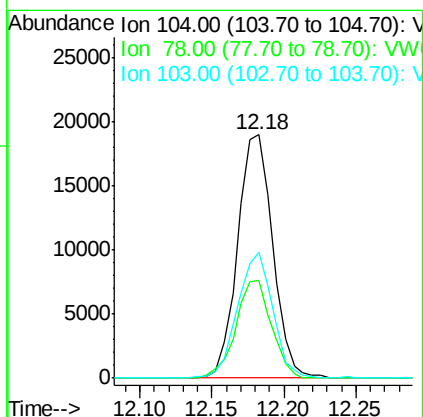
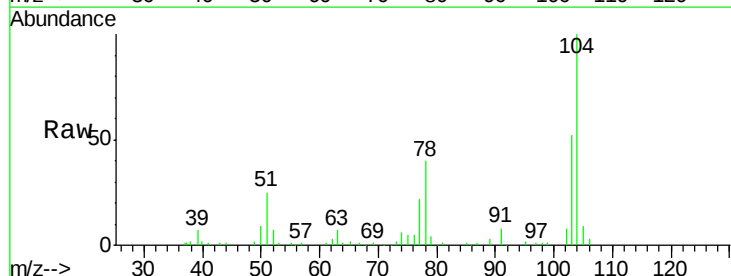
Instrument :
MSVOA_W
ClientSampleId :
SS-3

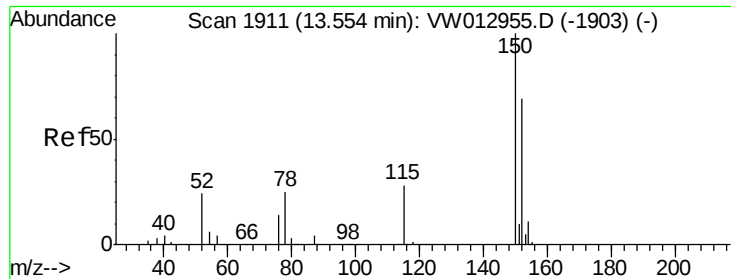
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.3	46.3	69.5
119	31.2	26.2	39.4



#70
Styrene
Concen: 3.893 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.01 min
Lab File: VW013173.D
Acq: 19 Sep 2019 20:27

Tgt Ion	Ratio	Lower	Upper
104	100		
78	40.9	42.1	63.1#
103	51.8	44.2	66.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.55 min Scan# 1911

Delta R.T. 0.00 min

Lab File: VW013173.D

Acq: 19 Sep 2019 20:27

Instrument :

MSVOA_W

ClientSampled :

SS-3

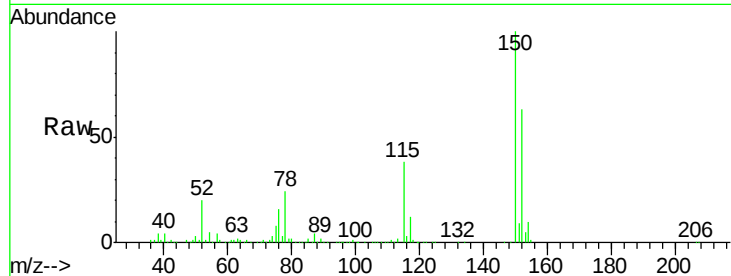
Tot Ion:152 Resp: 176017

Ion Ratio Lower Upper

152 100

115 56.2 28.8 86.4

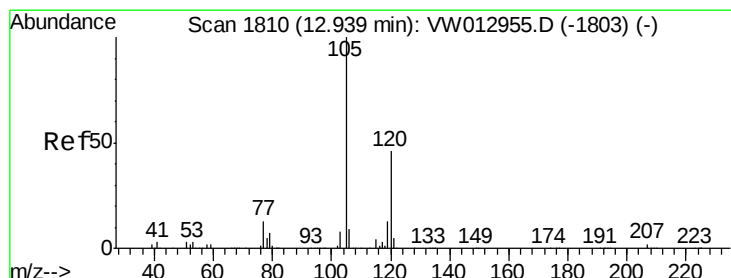
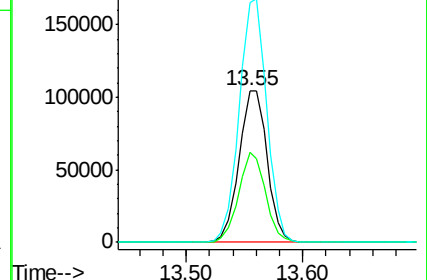
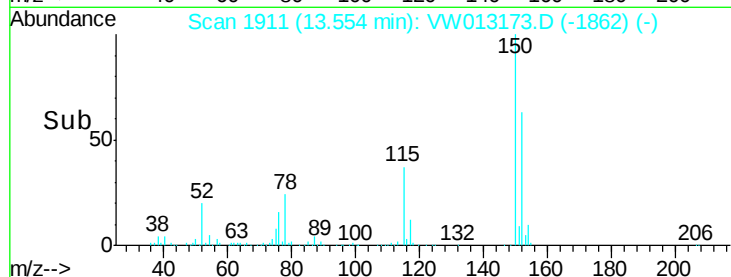
150 156.9 0.0 340.2



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



#80

1,3,5-Trimethylbenzene

Concen: 2.211 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW013173.D

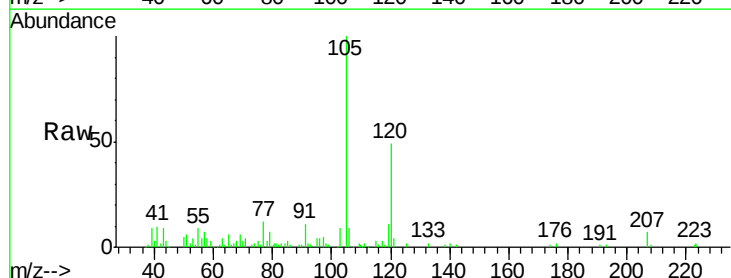
Acq: 19 Sep 2019 20:27

Tgt Ion:105 Resp: 21823

Ion Ratio Lower Upper

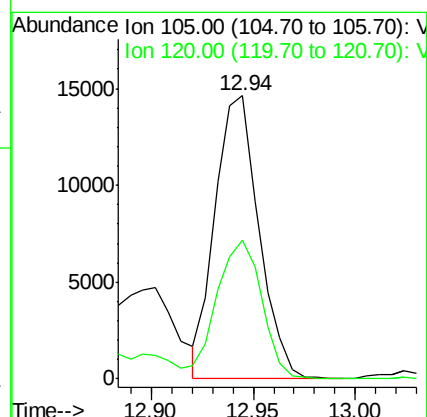
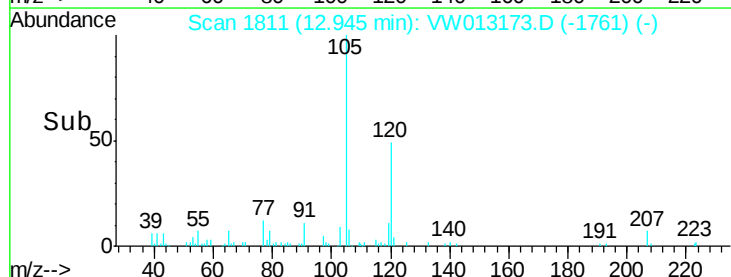
105 100

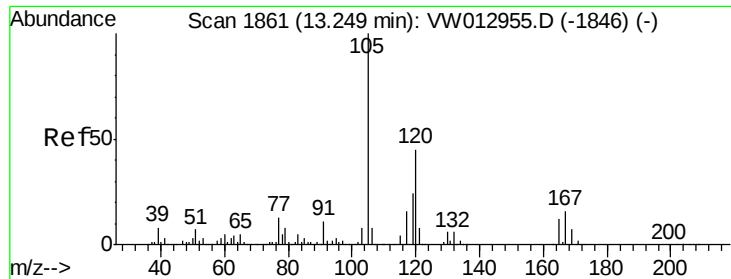
120 50.6 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

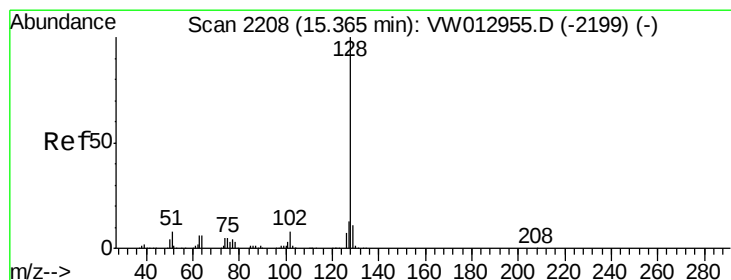
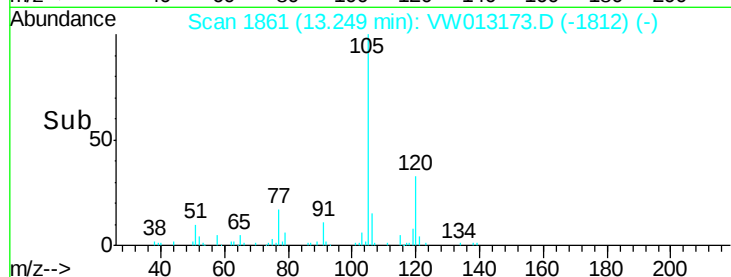
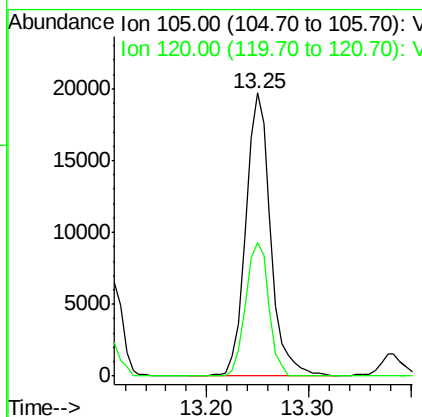
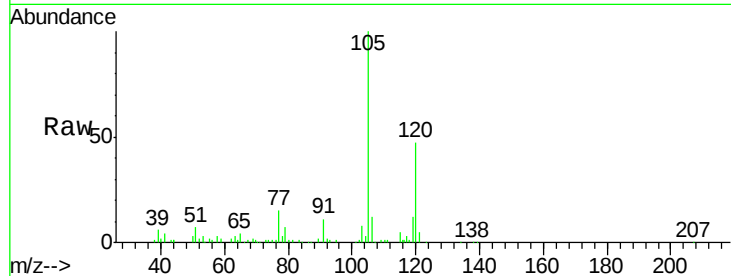




#84
 1,2,4-Trimethylbenzene
 Concen: 3.419 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. 0.00 min
 Lab File: VW013173.D
 Acq: 19 Sep 2019 20:27

Instrument :
 MSVOA_W
 ClientSampled :
 SS-3

Tot Ion:105 Resp: 33345
 Ion Ratio Lower Upper
 105 100
 120 44.0 21.9 65.7



#95
 Naphthalene
 Concen: 1.048 ug/l
 RT: 15.36 min Scan# 2208
 Delta R.T. 0.00 min
 Lab File: VW013173.D
 Acq: 19 Sep 2019 20:27

Tgt Ion:128 Resp: 5842
 Ion Ratio Lower Upper
 128 100
 127 15.8 11.0 16.6
 129 0.0 8.6 12.8#

