

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121718\
 Data File : VW007581.D
 Acq On : 15 Dec 2018 14:52
 Operator : SY/AP
 Sample : J6353-05
 Misc : 5.23G/5ML/MSVOA_W/SOIL
 ALS Vial : 67 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS002-0002-01

Quant Time: Dec 15 22:14:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	54914	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	88561	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	52238	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	12867	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	35148	57.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.38%	
35) Dibromofluoromethane	7.88	113	32053	59.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.58%	
50) Toluene-d8	10.32	98	89925	44.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.48%	
62) 4-Bromofluorobenzene	12.62	95	20764	28.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	56.20%	

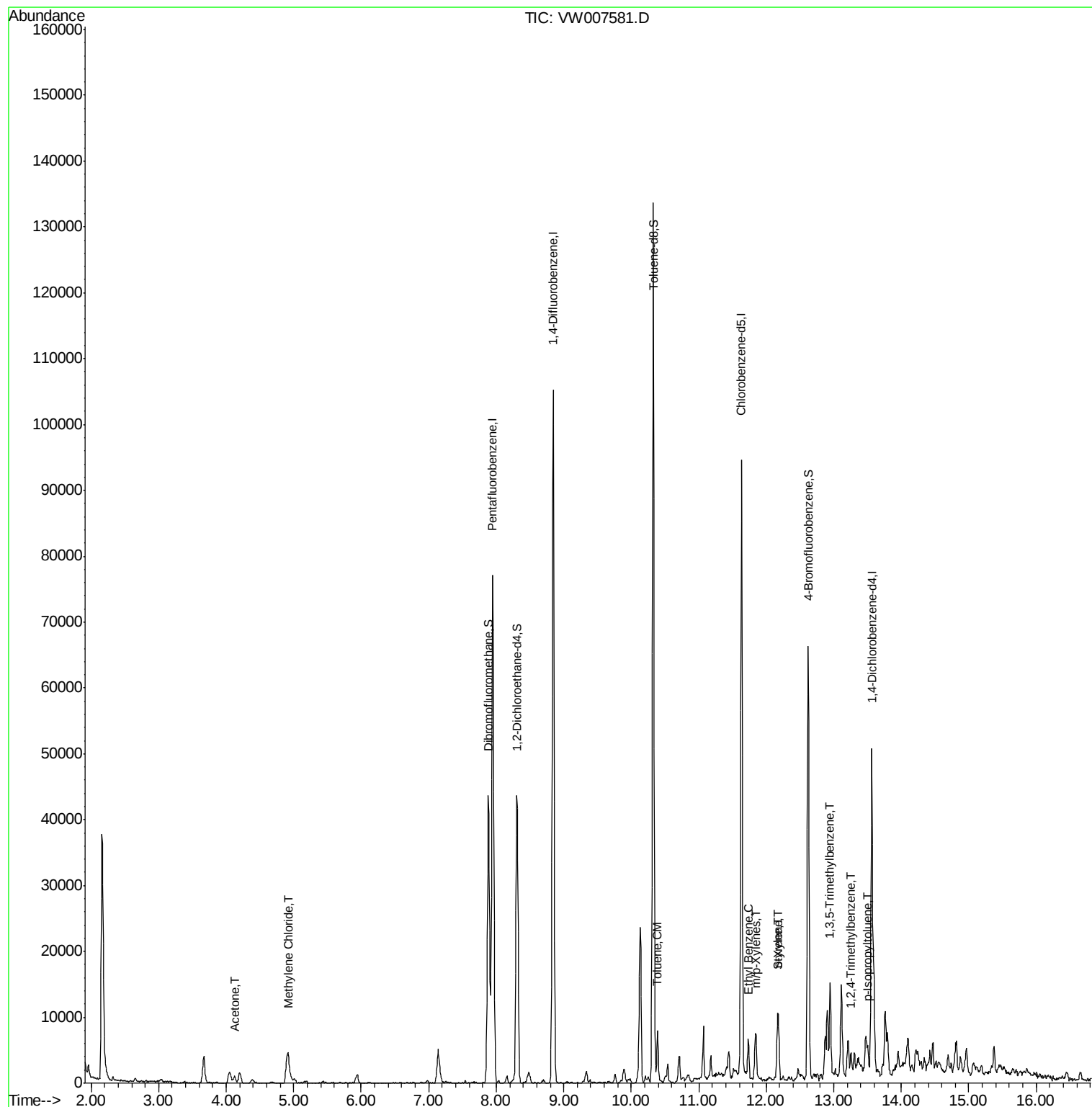
Target Compounds						Qvalue
16) Acetone	4.13	43	1897	17.827	ug/l	100
20) Methylene Chloride	4.91	84	4263	3.698	ug/l	93
52) Toluene	10.39	92	3637	2.507	ug/l	95
67) Ethyl Benzene	11.73	91	4099	2.190	ug/l	98
68) m/p-Xylenes	11.84	106	2267	3.115	ug/l	98
69) o-Xylene	12.17	106	2011	2.959	ug/l	89
70) Styrene	12.18	104	2504	2.281	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	6394	7.718	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	2141	2.511	ug/l	86
86) p-Isopropyltoluene	13.51	119	1796	2.006	ug/l	90

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

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QLast Update : Tue Dec 11 02:58:16 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007581.D

Acq: 15 Dec 2018 14:52

Instrument :

MSVOA_W

ClientSampleId :

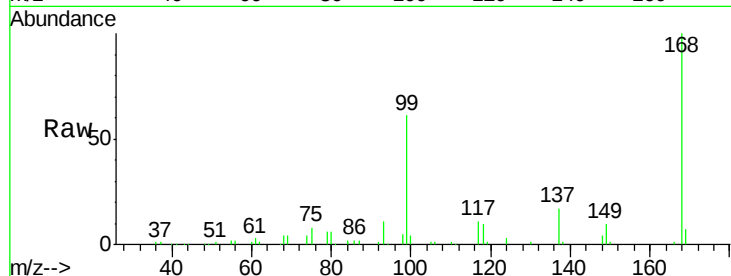
P001-SS002-0002-01

Tgt Ion: 168 Resp: 54914

Ion Ratio Lower Upper

168 100

99 60.5 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): VW007548.D (-981) (-)

Ion 98.90 (98.60 to 99.60): VW007548.D (-981) (-)

7.95

25000

20000

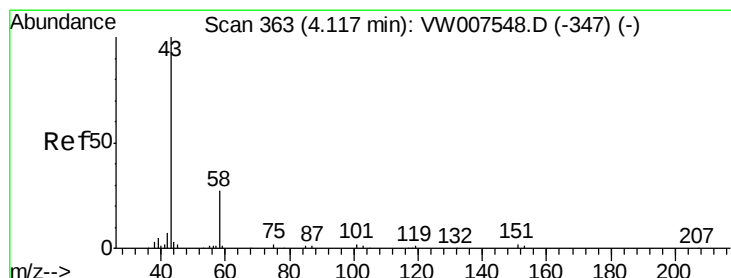
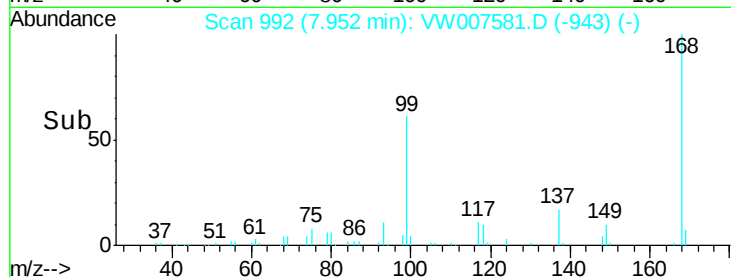
15000

10000

5000

0

Time-->



#16

Acetone

Concen: 17.827 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW007581.D

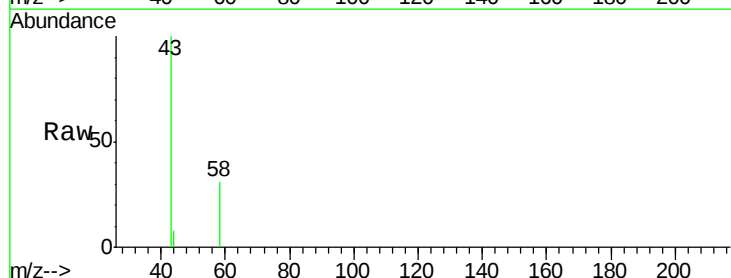
Acq: 15 Dec 2018 14:52

Tgt Ion: 43 Resp: 1897

Ion Ratio Lower Upper

43 100

58 31.1 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VW007548.D (-347) (-)

Ion 58.00 (57.70 to 58.70): VW007548.D (-347) (-)

4.13

800

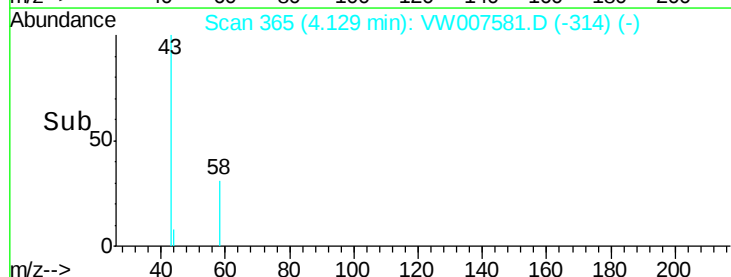
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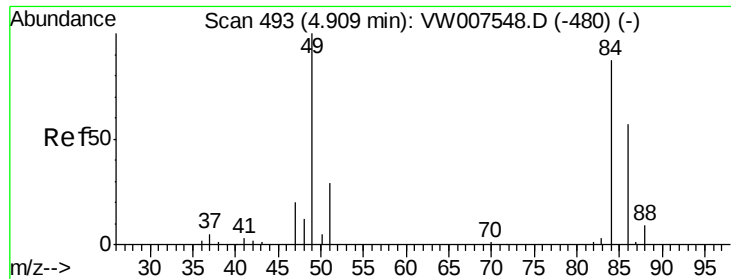
400

200

0

Time-->



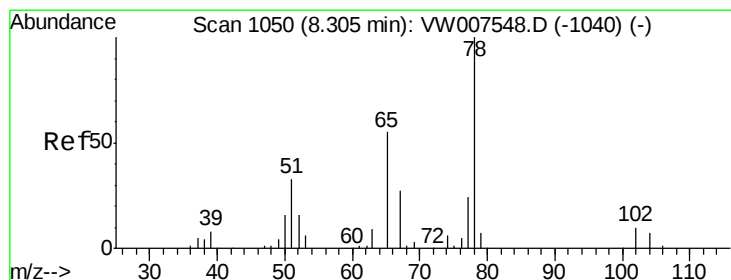
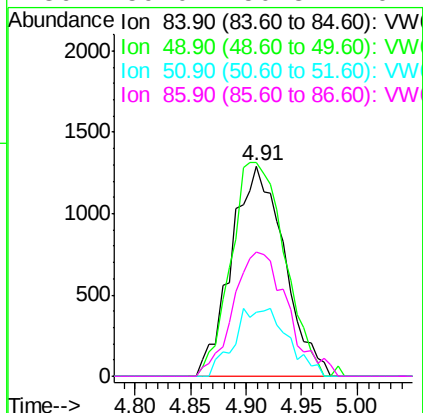
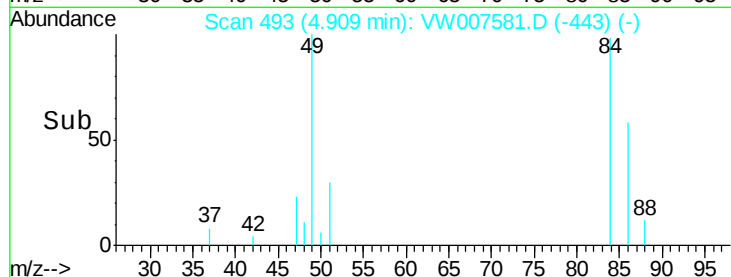
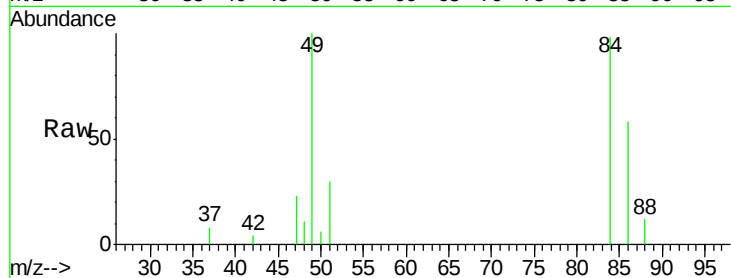


#20
Methylene Chloride
Concen: 3.698 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

Instrument :
MSVOA_W
ClientSampleId :
P001-SS002-0002-01

Tgt Ion: 84 Resp: 4263

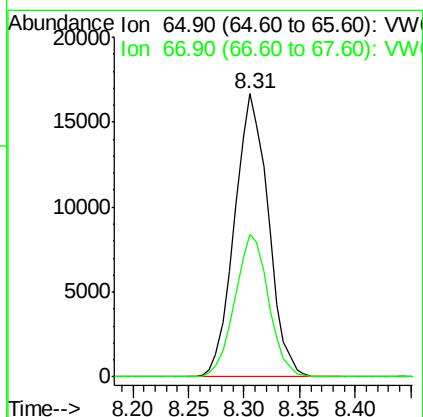
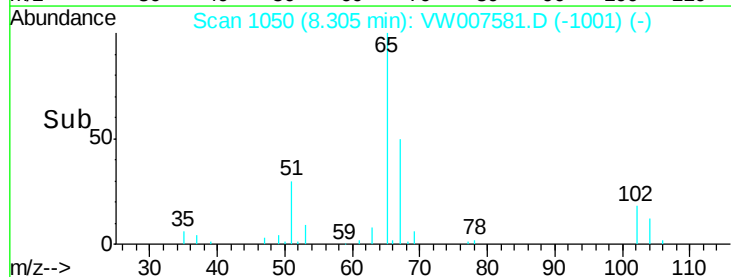
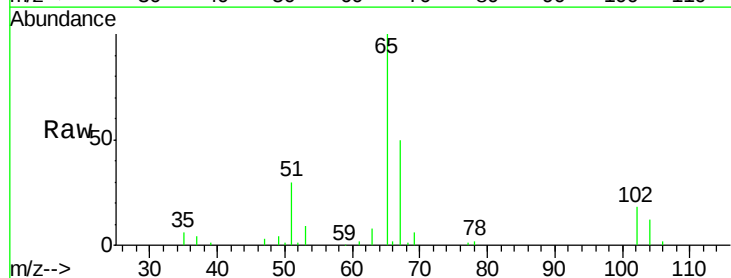
Ion	Ratio	Lower	Upper
84	100		
49	101.6	87.1	130.7
51	30.5	28.2	42.2
86	59.0	50.8	76.2

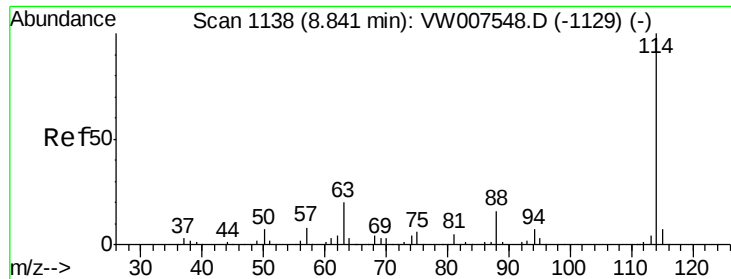


#33
1,2-Dichloroethane-d4
Concen: 57.693 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

Tgt Ion: 65 Resp: 35148

Ion	Ratio	Lower	Upper
65	100		
67	50.0	0.0	101.6

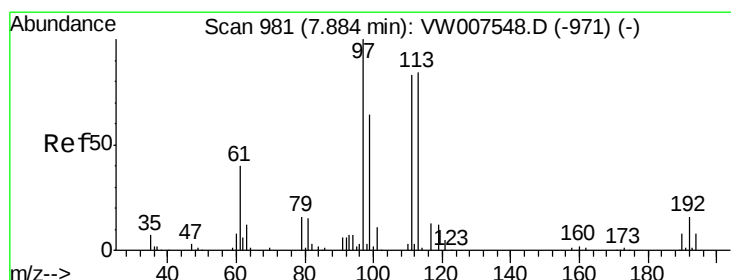
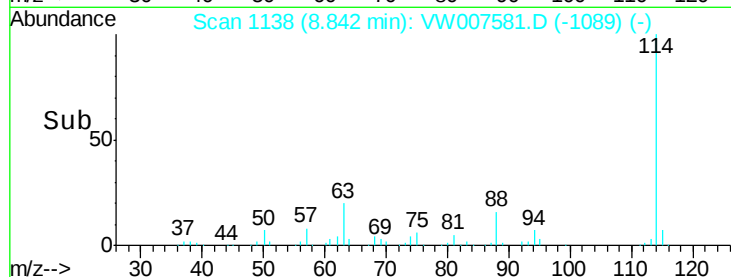
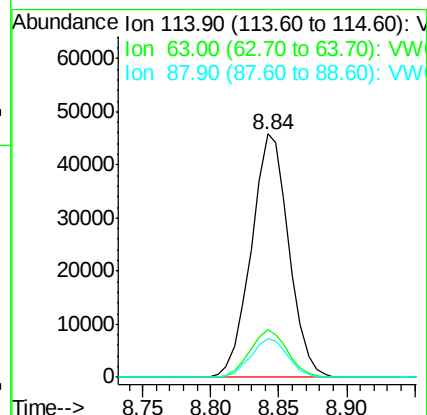
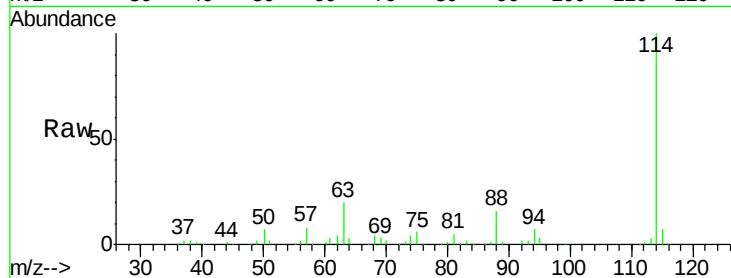




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

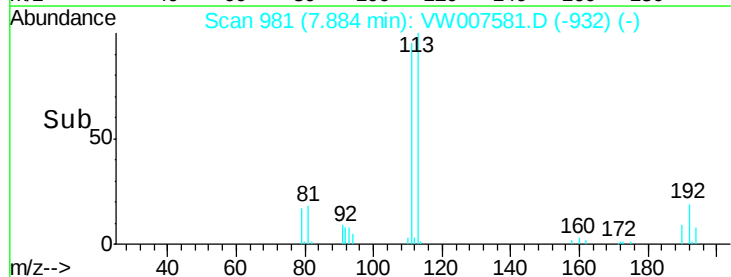
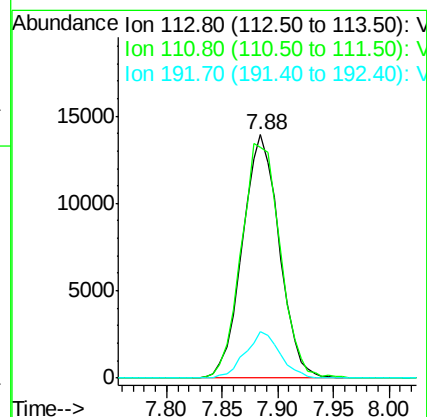
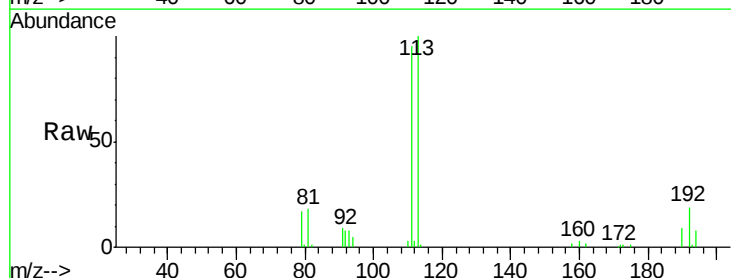
Instrument :
MSVOA_W
ClientSampleId :
P001-SS002-0002-01

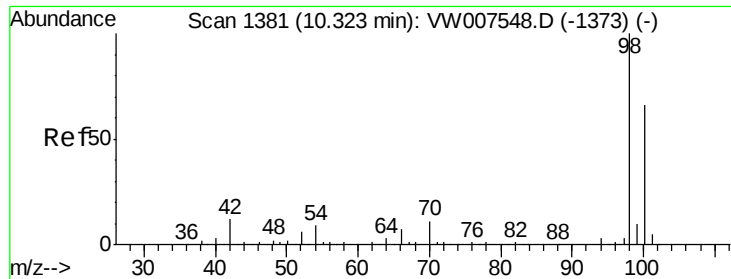
Tgt Ion:114 Resp: 88561
Ion Ratio Lower Upper
114 100
63 19.6 0.0 39.6
88 16.2 0.0 31.4



#35
Dibromofluoromethane
Concen: 59.790 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

Tgt Ion:113 Resp: 32053
Ion Ratio Lower Upper
113 100
111 102.1 81.1 121.7
192 18.0 14.6 21.8





#50

Toluene-d8

Concen: 44.737 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW007581.D

Acq: 15 Dec 2018 14:52

Instrument :

MSVOA_W

ClientSampleId :

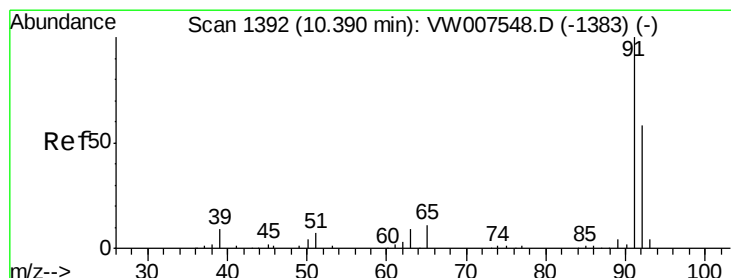
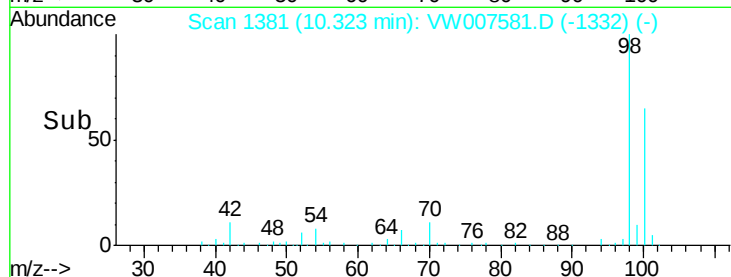
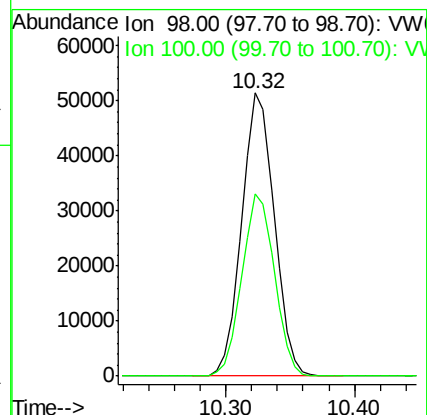
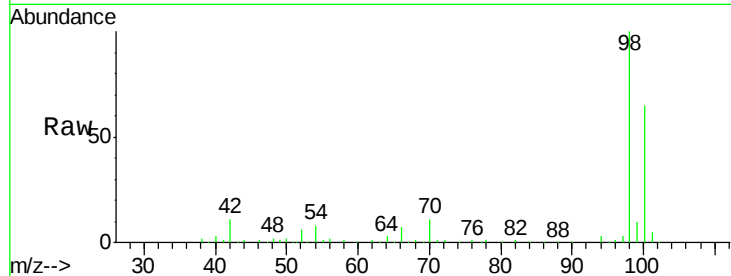
P001-SS002-0002-01

Tgt Ion: 98 Resp: 89925

Ion Ratio Lower Upper

98 100

100 64.4 51.8 77.8



#52

Toluene

Concen: 2.507 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW007581.D

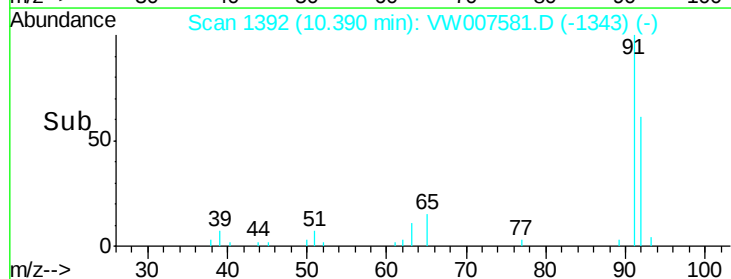
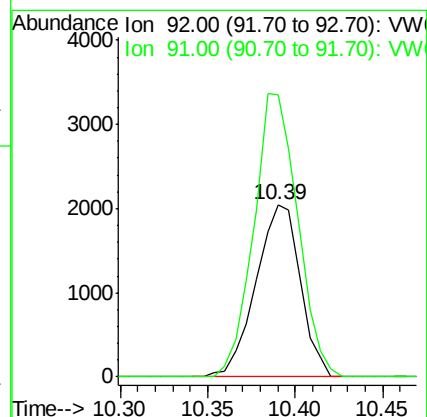
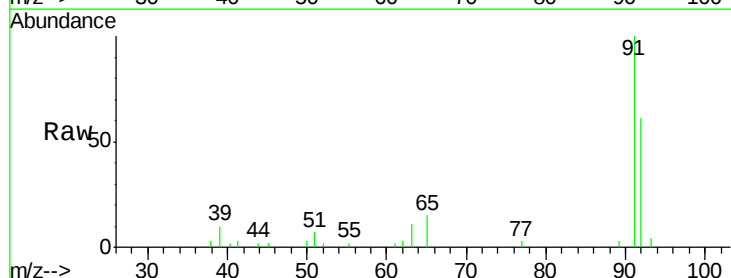
Acq: 15 Dec 2018 14:52

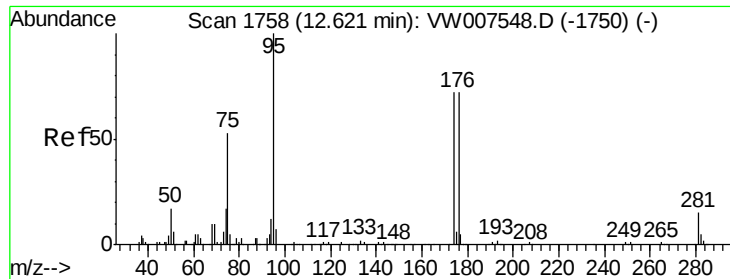
Tgt Ion: 92 Resp: 3637

Ion Ratio Lower Upper

92 100

91 162.8 136.2 204.2

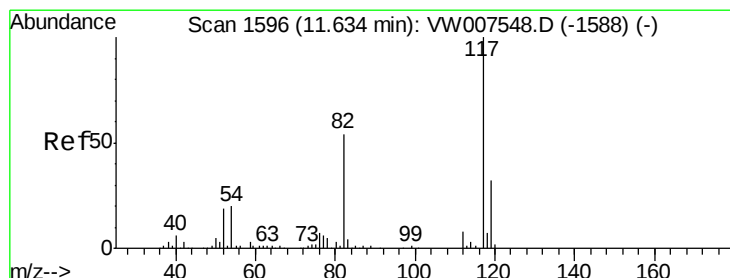
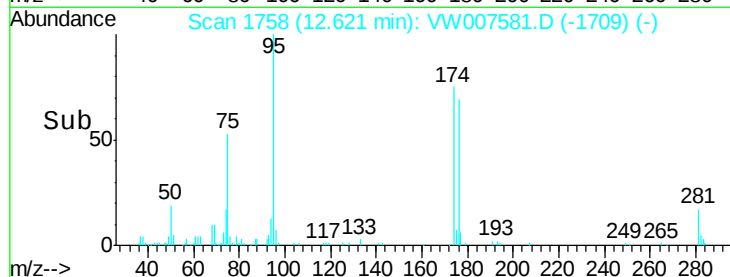
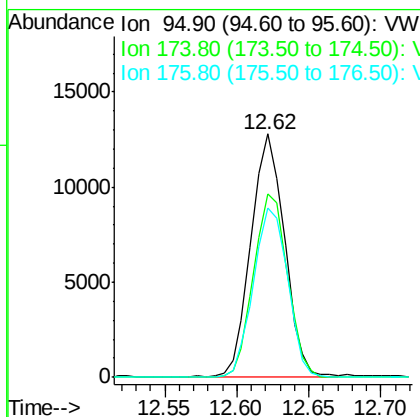
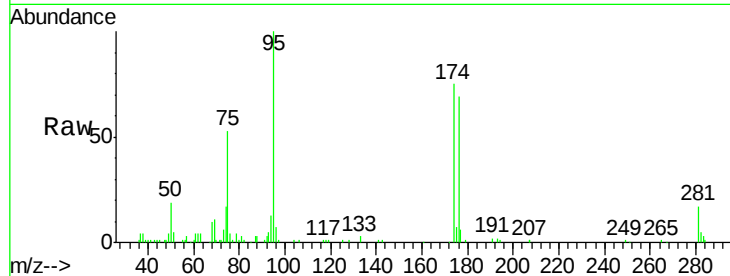




#62
4-Bromofluorobenzene
Concen: 28.096 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

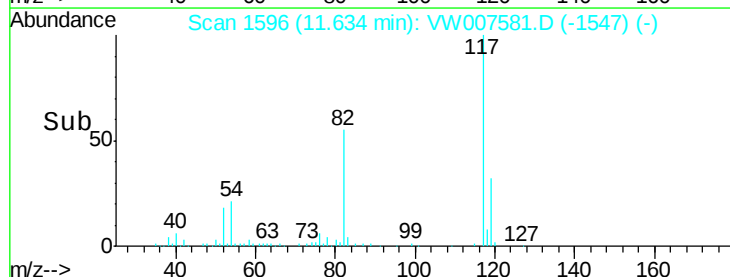
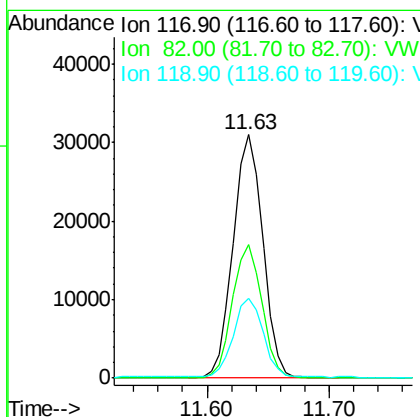
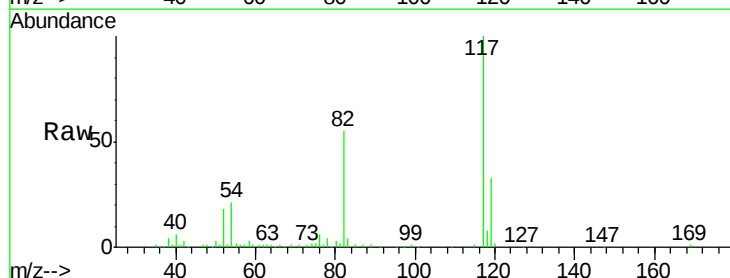
Instrument :
MSVOA_W
ClientSampleId :
P001-SS002-0002-01

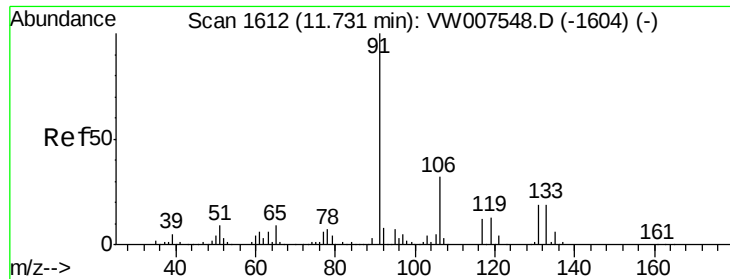
Tgt Ion: 95 Resp: 20764
Ion Ratio Lower Upper
95 100
174 75.5 0.0 147.2
176 70.5 0.0 138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

Tgt Ion: 117 Resp: 52238
Ion Ratio Lower Upper
117 100
82 54.7 42.3 63.5
119 32.2 23.0 34.6

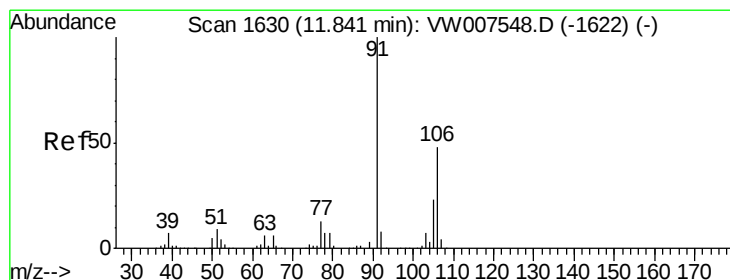
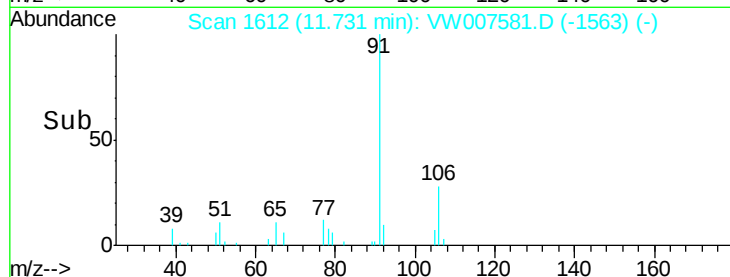
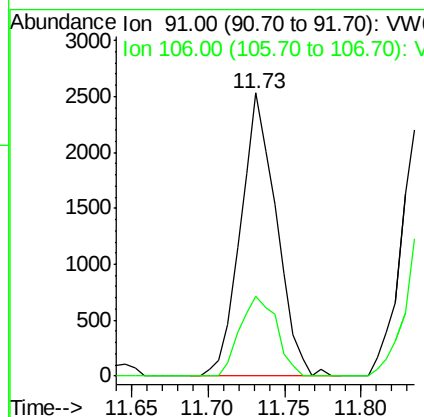
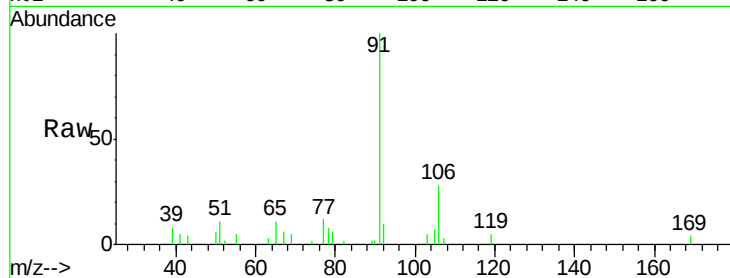




#67
Ethyl Benzene
Concen: 2.190 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

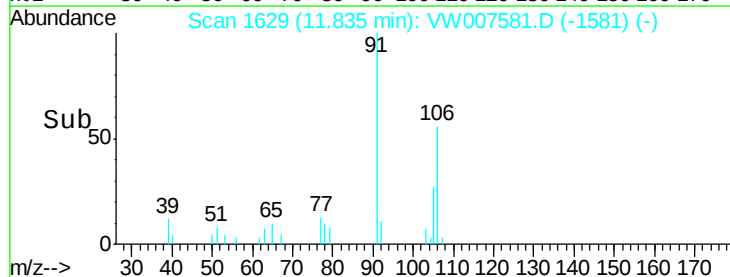
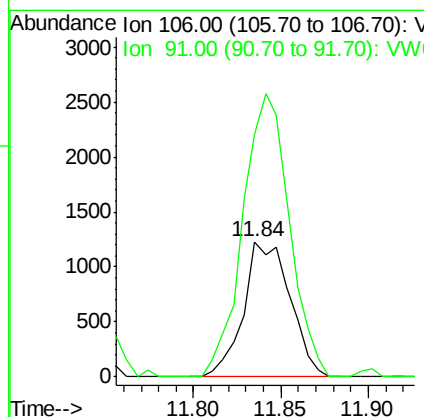
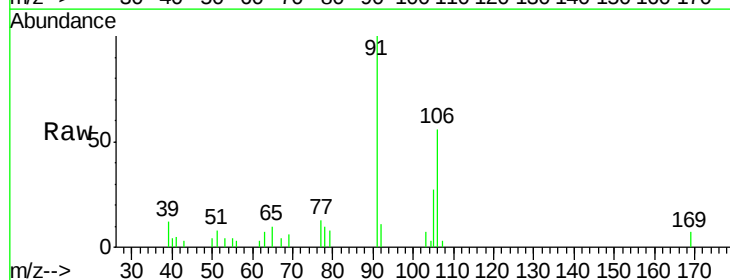
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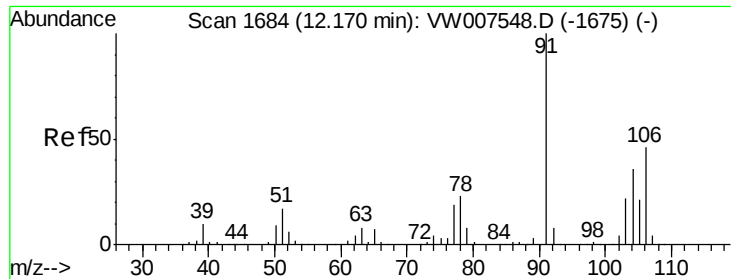
Tgt Ion: 91 Resp: 4099
Ion Ratio Lower Upper
91 100
106 28.2 21.8 32.8



#68
m/p-Xylenes
Concen: 3.115 ug/l
RT: 11.84 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

Tgt Ion: 106 Resp: 2267
Ion Ratio Lower Upper
106 100
91 210.3 165.3 247.9

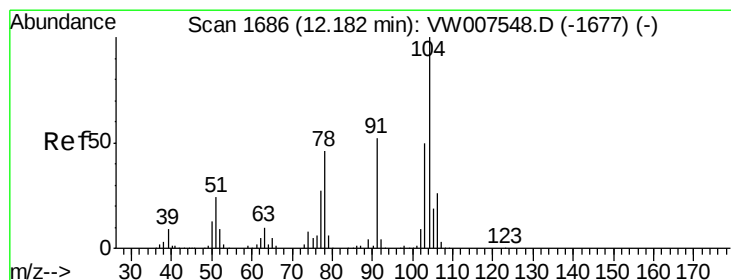
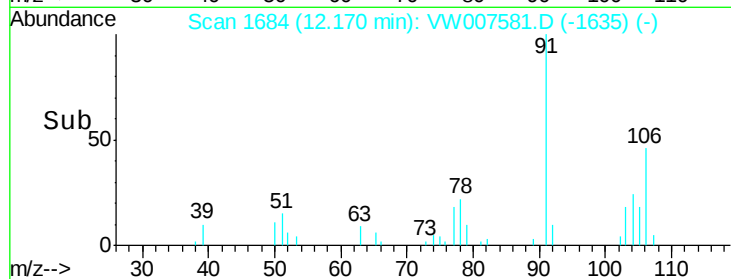
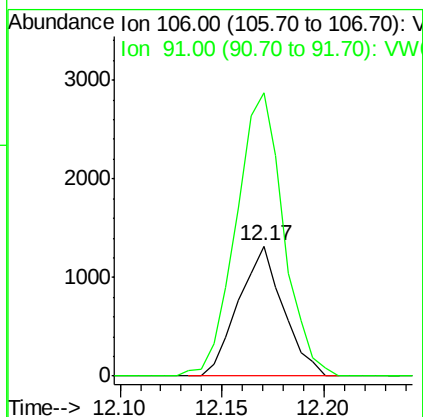
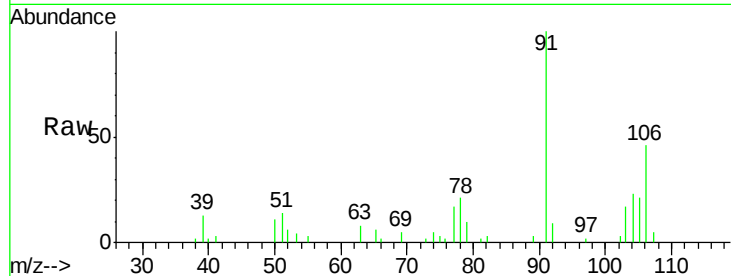




#69
o-Xylene
Concen: 2.959 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

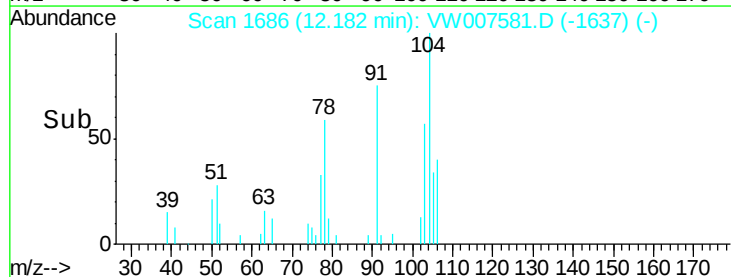
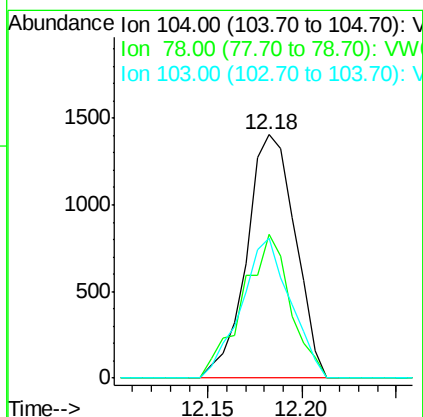
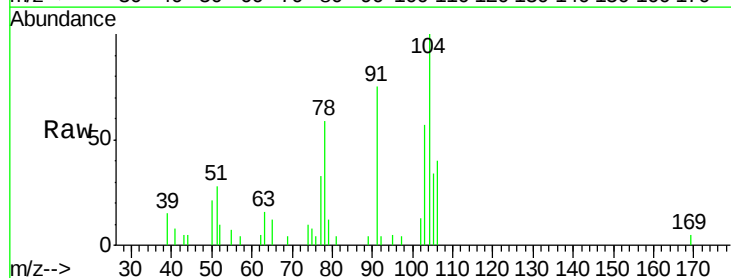
Instrument :
MSVOA_W
ClientSampleId :
P001-SS002-0002-01

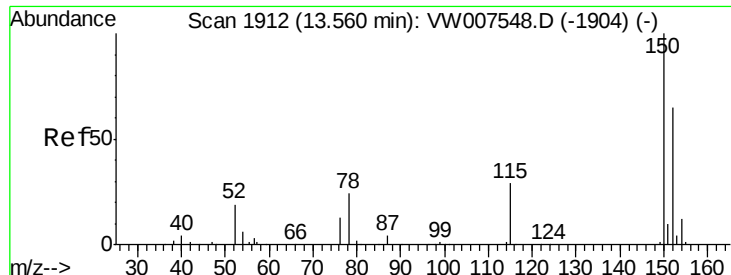
Tgt Ion:106 Resp: 2011
Ion Ratio Lower Upper
106 100
91 230.5 106.6 319.8



#70
Styrene
Concen: 2.281 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW007581.D
Acq: 15 Dec 2018 14:52

Tgt Ion:104 Resp: 2504
Ion Ratio Lower Upper
104 100
78 58.3 41.8 62.8
103 58.4 46.6 69.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW007581.D

Acq: 15 Dec 2018 14:52

Instrument :

MSVOA_W

ClientSampleId :

P001-SS002-0002-01

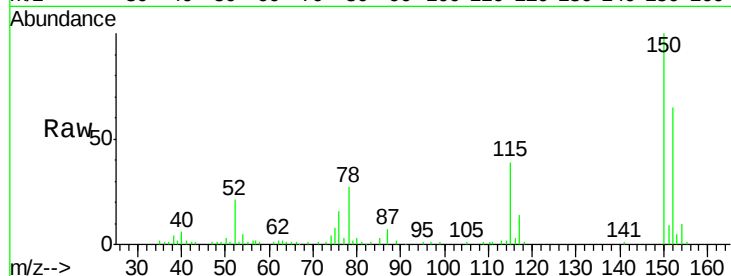
Tgt Ion:152 Resp: 12867

Ion Ratio Lower Upper

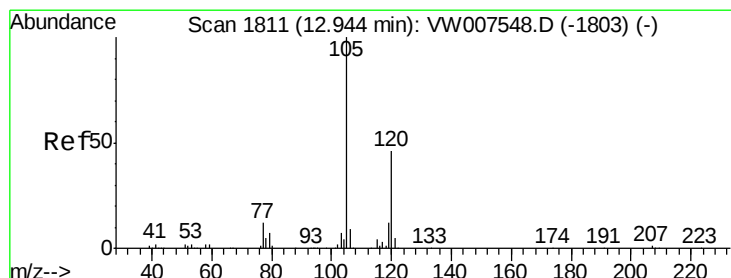
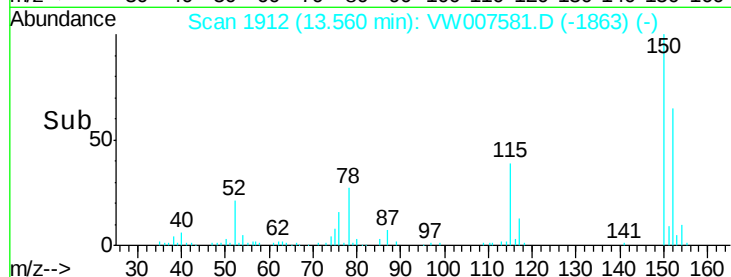
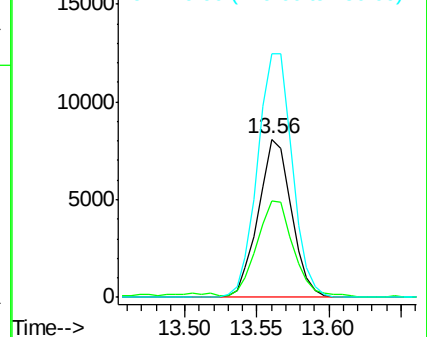
152 100

115 68.1 31.4 94.2

150 160.4 0.0 358.4



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: 7.718 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW007581.D

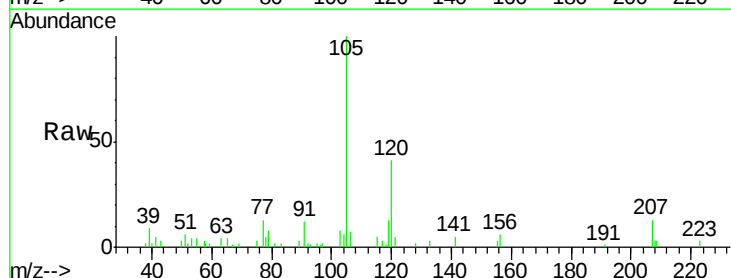
Acq: 15 Dec 2018 14:52

Tgt Ion:105 Resp: 6394

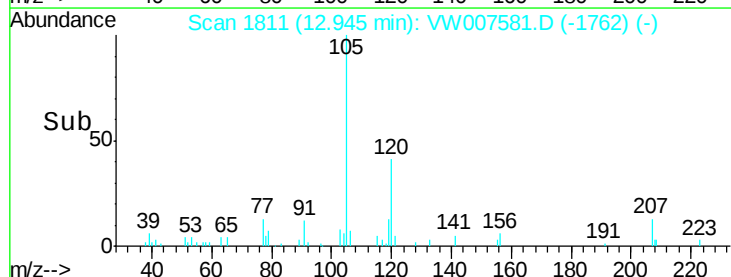
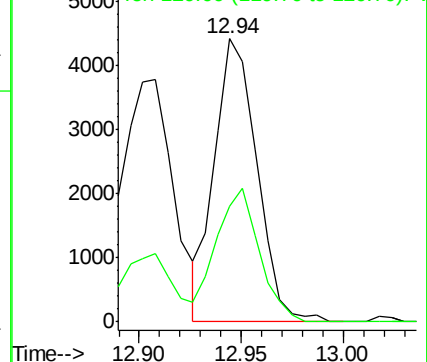
Ion Ratio Lower Upper

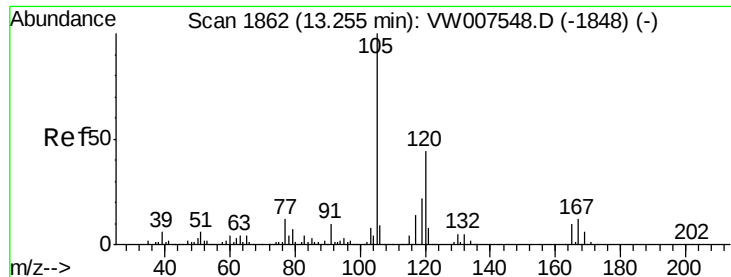
105 100

120 47.7 23.8 71.4



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

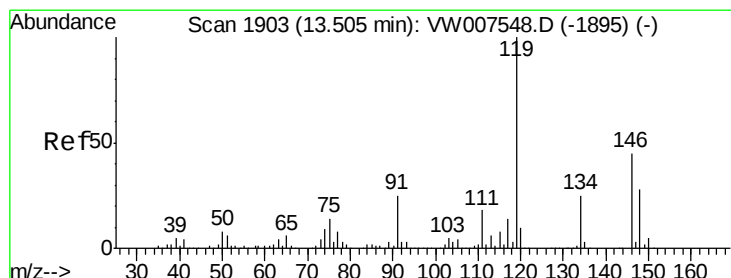
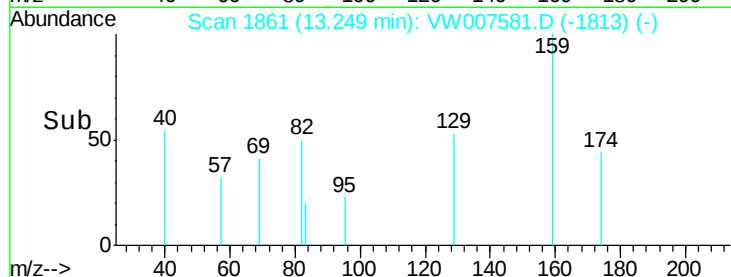
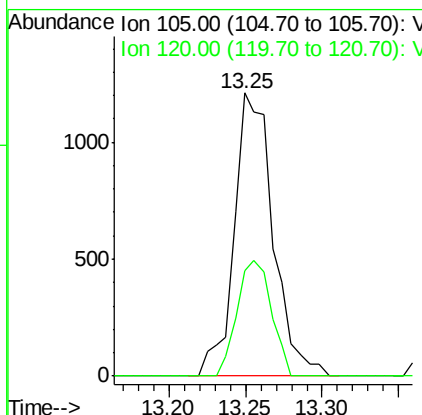
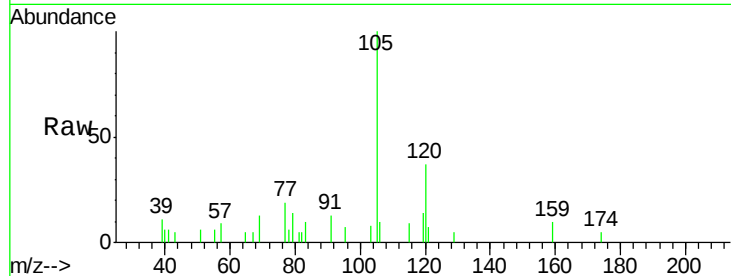




#84
 1,2,4-Trimethylbenzene
 Concen: 2.511 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.01 min
 Lab File: VW007581.D
 Acq: 15 Dec 2018 14:52

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS002-0002-01

Tgt Ion:105 Resp: 2141
 Ion Ratio Lower Upper
 105 100
 120 35.8 22.6 67.7



#86
 p-Isopropyltoluene
 Concen: 2.006 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007581.D
 Acq: 15 Dec 2018 14:52

Tgt Ion:119 Resp: 1796
 Ion Ratio Lower Upper
 119 100
 134 27.4 12.9 38.7
 91 32.0 11.9 35.9

