

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121818\
 Data File : VW007610.D
 Acq On : 16 Dec 2018 05:07
 Operator : SY/AP
 Sample : J6378-16
 Misc : 4.10G/5ML/MSVOA_W/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS001-0006-01

Quant Time: Dec 17 00:59:13 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

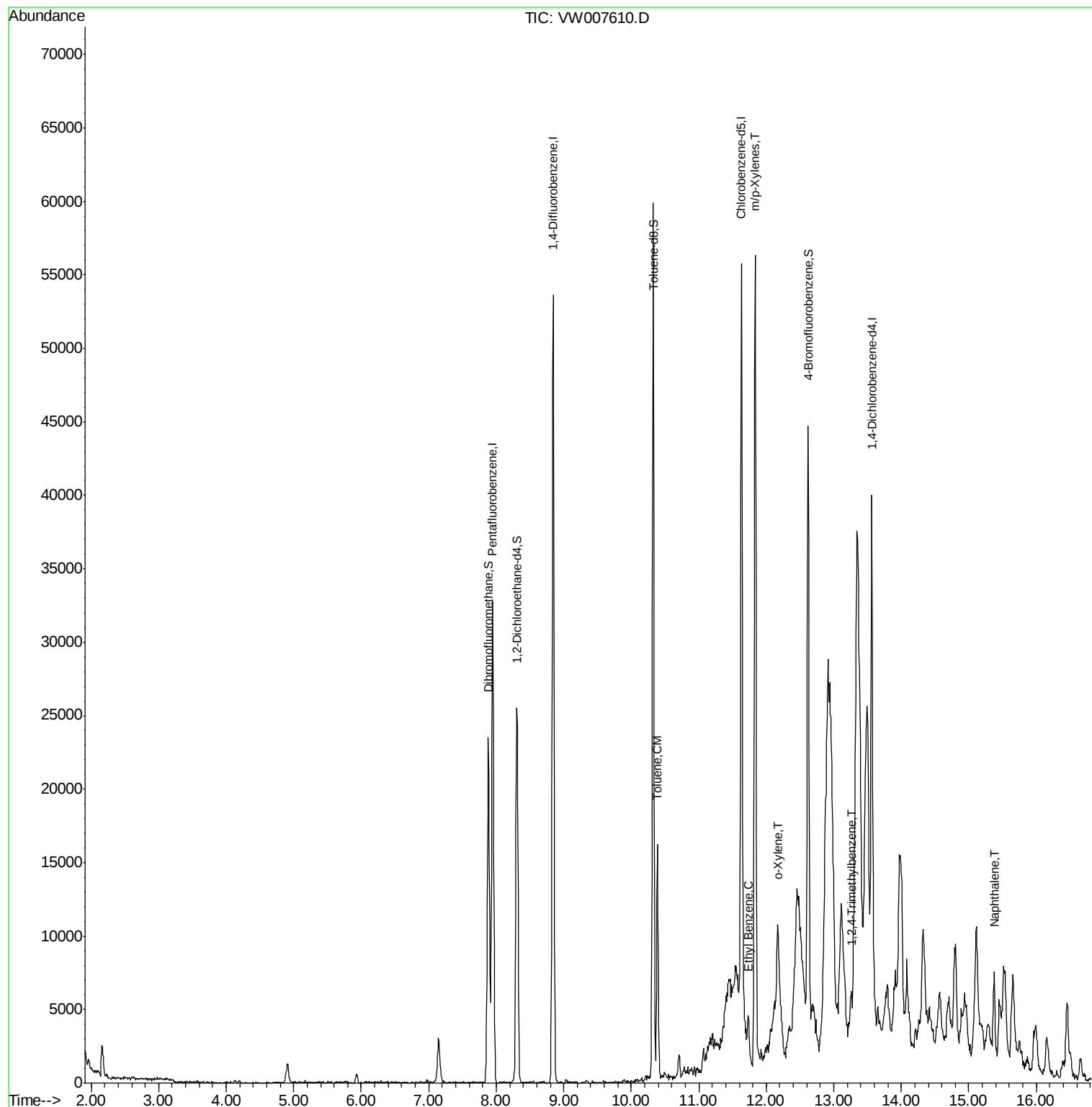
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	24156	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	45635	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	29213	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	9219	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	21655	80.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	161.60%	
35) Dibromofluoromethane	7.88	113	16814	60.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.74%	
50) Toluene-d8	10.32	98	39626	38.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.52%	
62) 4-Bromofluorobenzene	12.62	95	13756	36.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.24%	
Target Compounds						
52) Toluene	10.39	92	6880	9.202	ug/l	97
67) Ethyl Benzene	11.74	91	2039	1.948	ug/l #	83
68) m/p-Xylenes	11.83	106	14488	35.600	ug/l	83
69) o-Xylene	12.17	106	1433	3.770	ug/l	93
84) 1,2,4-Trimethylbenzene	13.26	105	2145	3.512	ug/l	87
95) Naphthalene	15.38	128	4785	12.998	ug/l #	94

(#) = 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. -0.01 min

Lab File: VW007610.D

Acq: 16 Dec 2018 05:07

Instrument :

MSVOA_W

ClientSampleId :

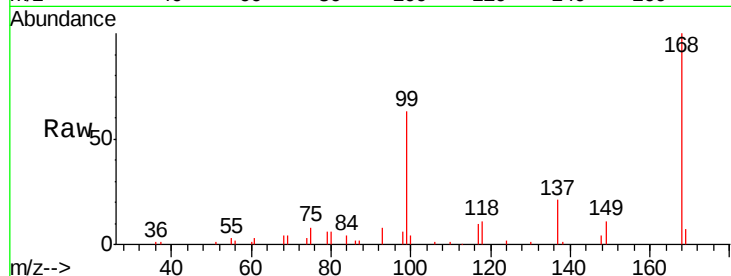
P001-SS001-0006-01

Tgt Ion: 168 Resp: 24156

Ion Ratio Lower Upper

168 100

99 63.4 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

12000

10000

8000

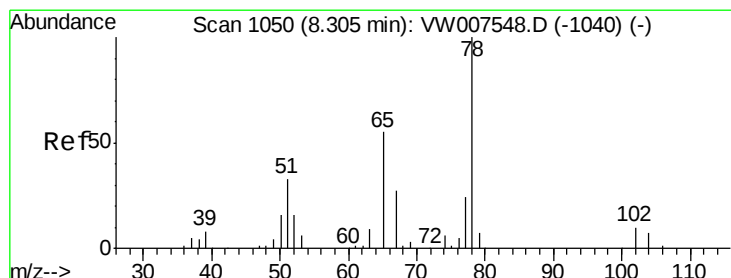
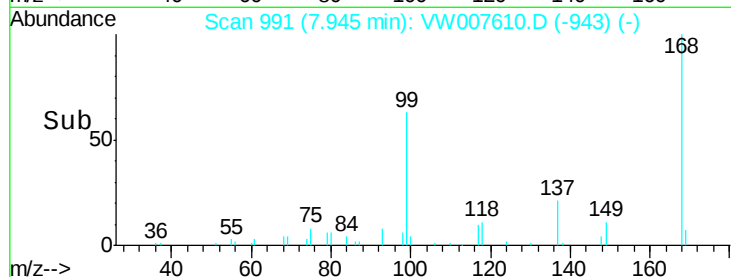
6000

4000

2000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 80.805 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW007610.D

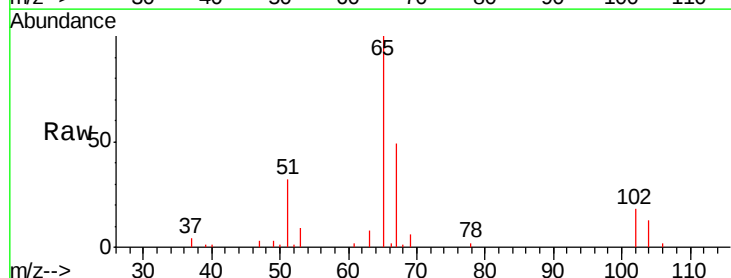
Acq: 16 Dec 2018 05:07

Tgt Ion: 65 Resp: 21655

Ion Ratio Lower Upper

65 100

67 49.3 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

8.31

10000

8000

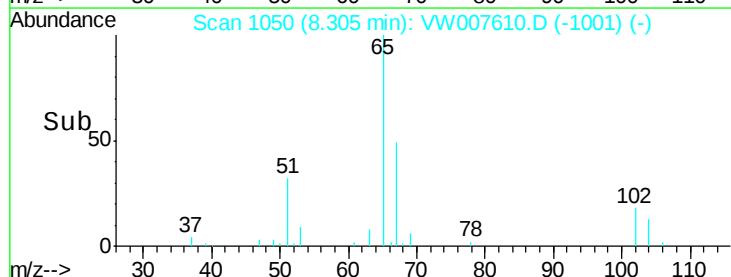
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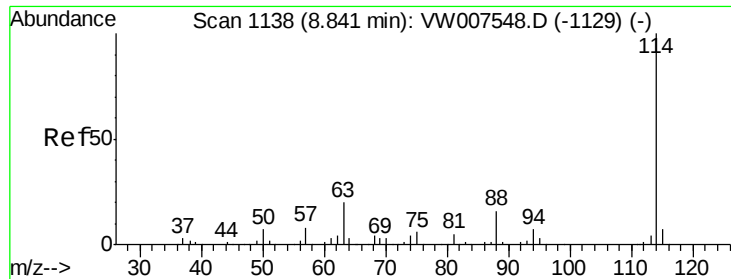
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Time-->

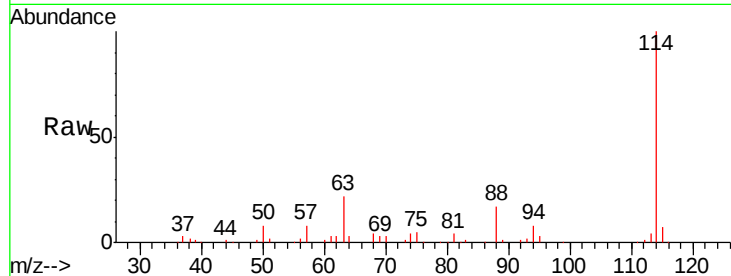




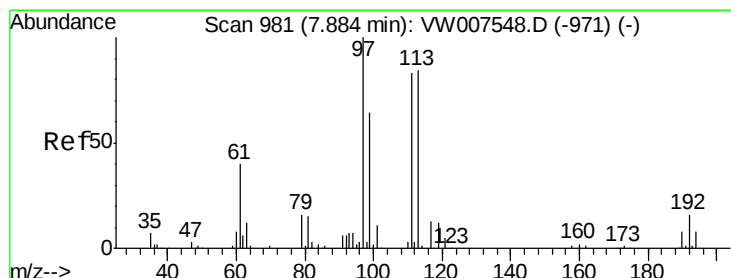
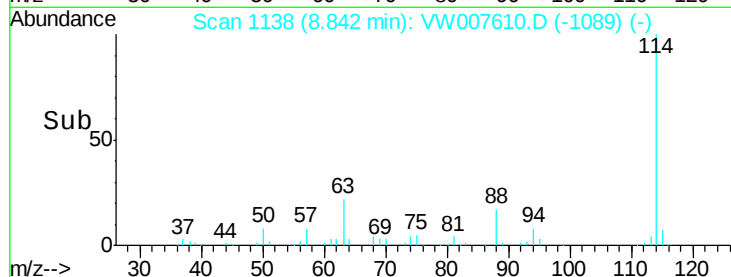
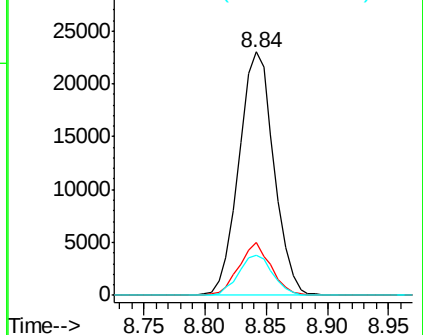
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007610.D
 Acq: 16 Dec 2018 05:07

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS001-0006-01

Tgt Ion:114 Resp: 45635
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 39.6
 88 16.6 0.0 31.4

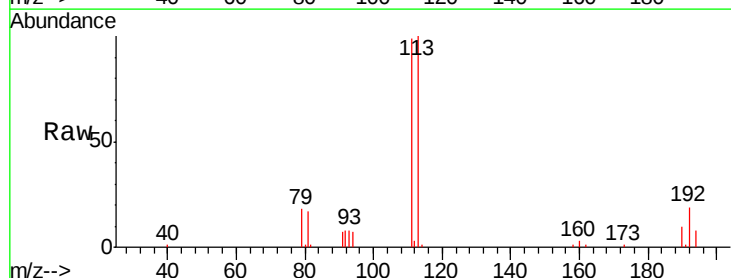


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

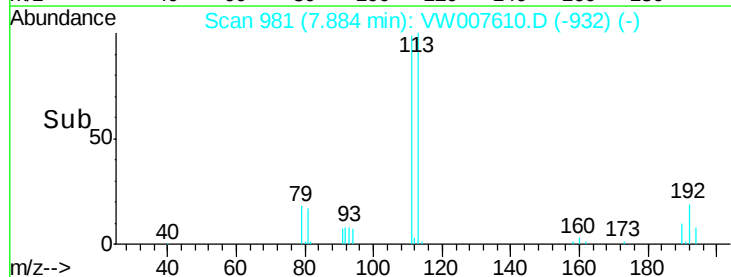
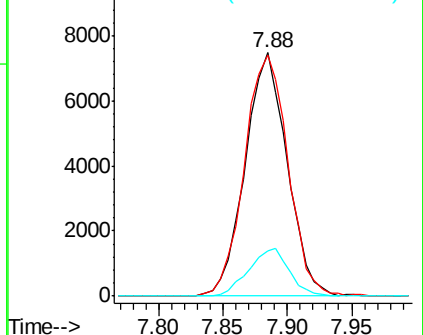


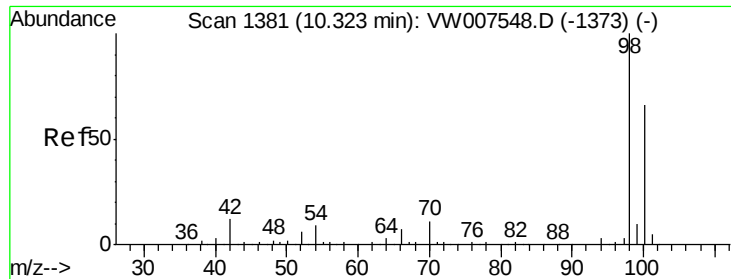
#35
 Dibromofluoromethane
 Concen: 60.866 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007610.D
 Acq: 16 Dec 2018 05:07

Tgt Ion:113 Resp: 16814
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.1 121.7
 192 18.9 14.6 21.8



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

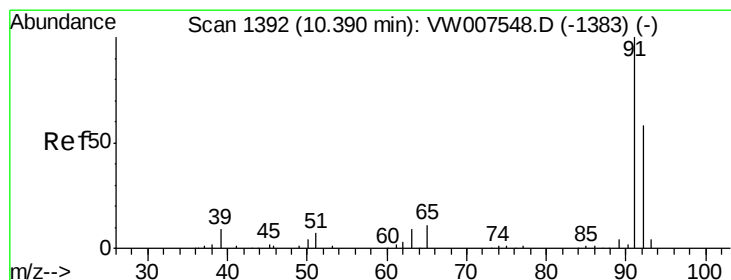
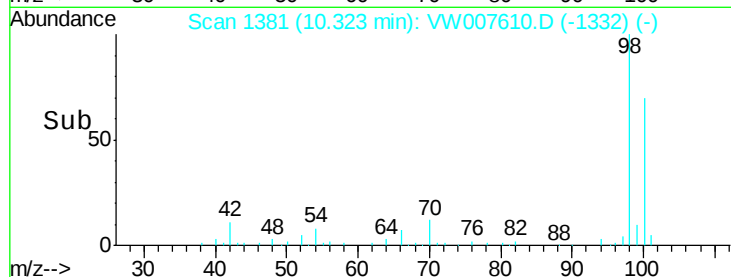
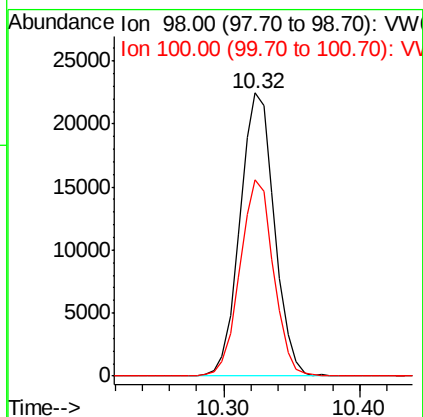
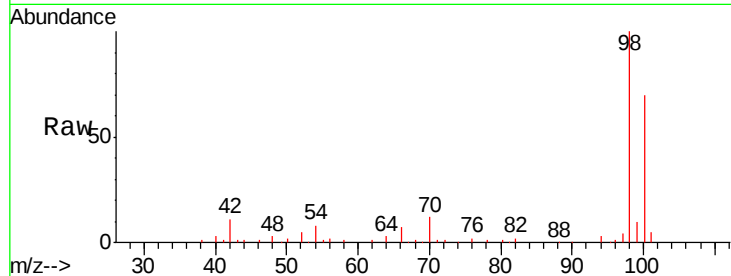




#50
Toluene-d8
Concen: 38.257 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007610.D
Acq: 16 Dec 2018 05:07

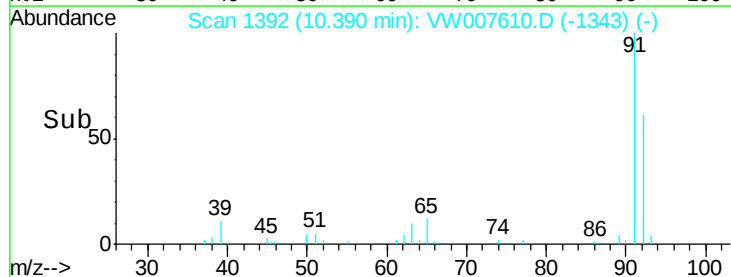
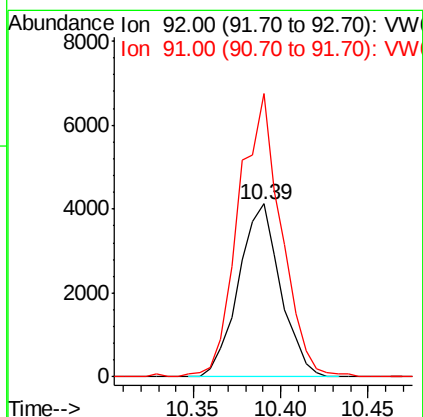
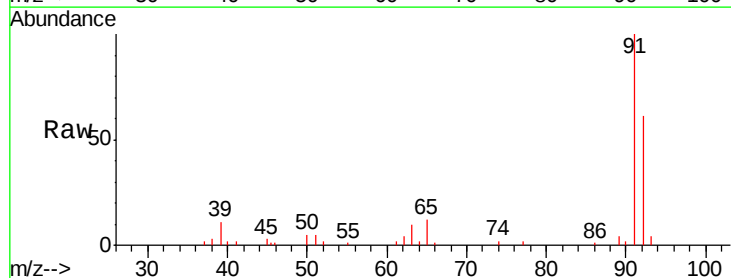
Instrument :
MSVOA_W
ClientSampleId :
P001-SS001-0006-01

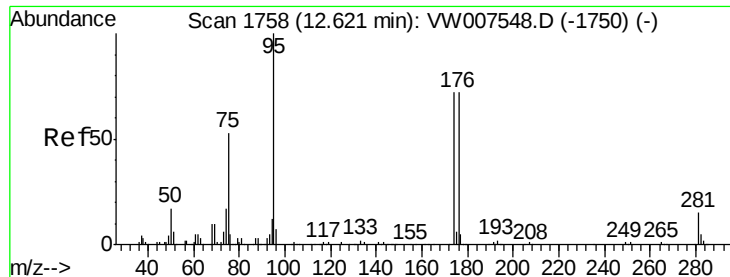
Tgt Ion: 98 Resp: 39626
Ion Ratio Lower Upper
98 100
100 67.7 51.8 77.8



#52
Toluene
Concen: 9.202 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007610.D
Acq: 16 Dec 2018 05:07

Tgt Ion: 92 Resp: 6880
Ion Ratio Lower Upper
92 100
91 166.3 136.2 204.2

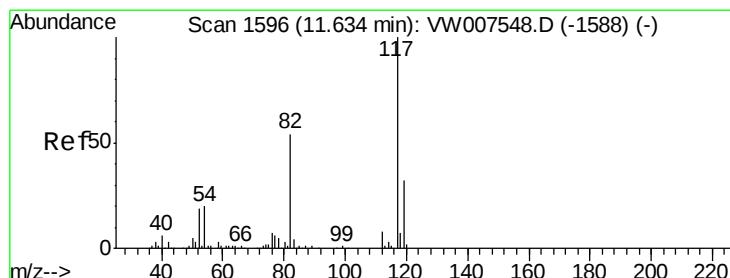
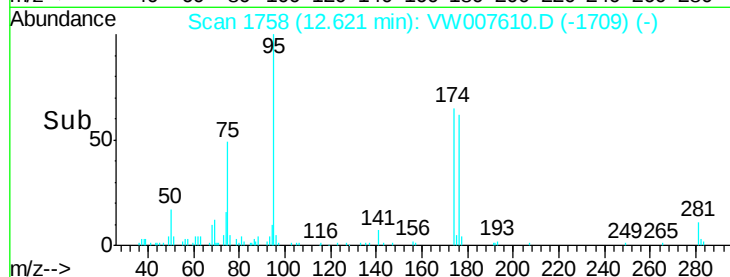
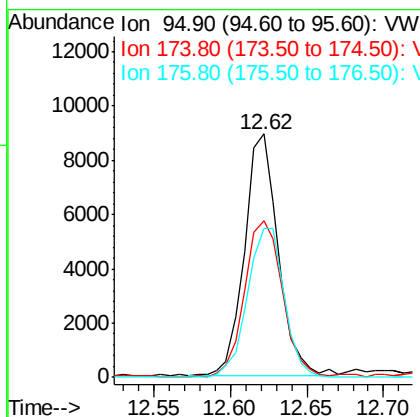
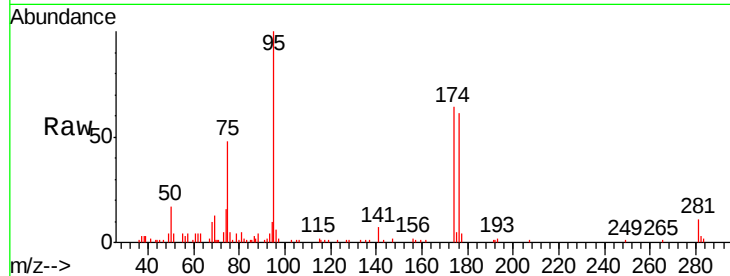




#62
4-Bromofluorobenzene
Concen: 36.121 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW007610.D
Acq: 16 Dec 2018 05:07

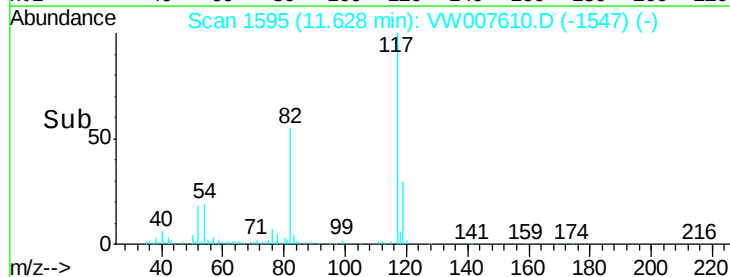
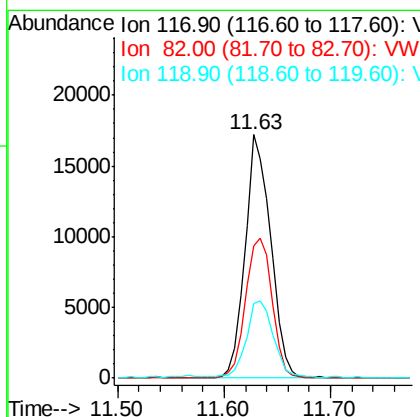
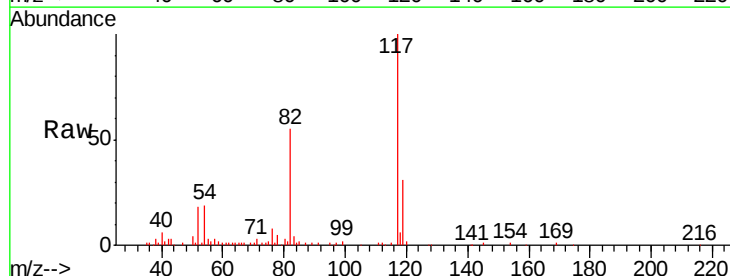
Instrument :
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ClientSampleId :
P001-SS001-0006-01

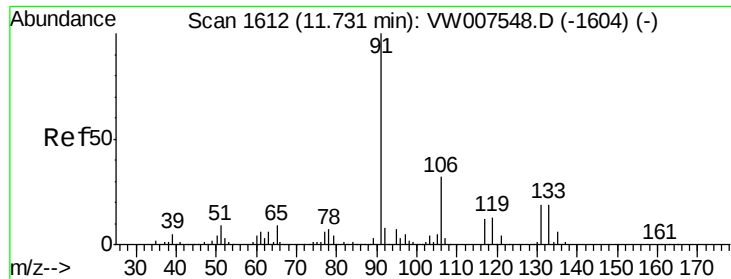
Tgt Ion: 95 Resp: 13756
Ion Ratio Lower Upper
95 100
174 72.5 0.0 147.2
176 67.1 0.0 138.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW007610.D
Acq: 16 Dec 2018 05:07

Tgt Ion: 117 Resp: 29213
Ion Ratio Lower Upper
117 100
82 54.6 42.3 63.5
119 30.0 23.0 34.6

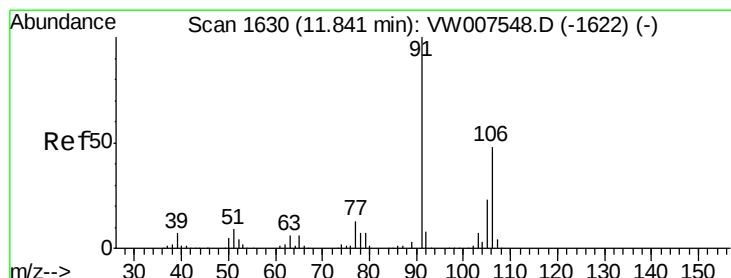
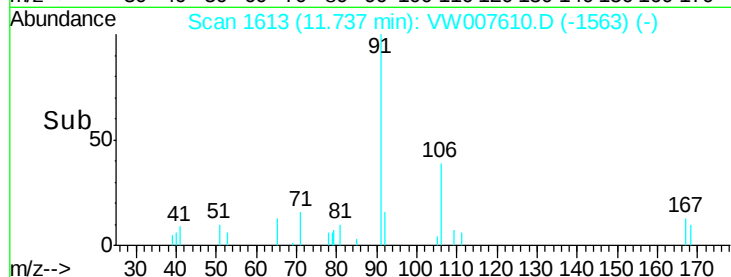
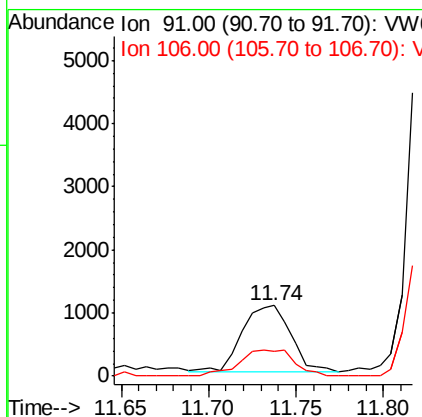
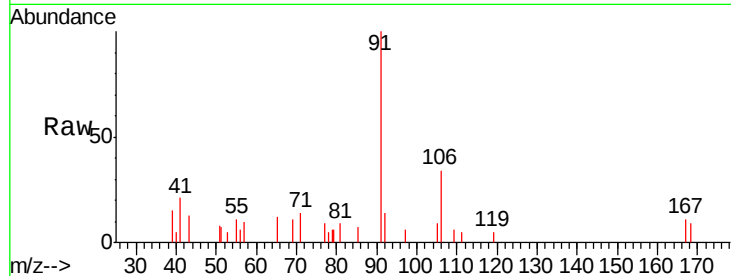




#67
Ethyl Benzene
Concen: 1.948 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.01 min
Lab File: VW007610.D
Acq: 16 Dec 2018 05:07

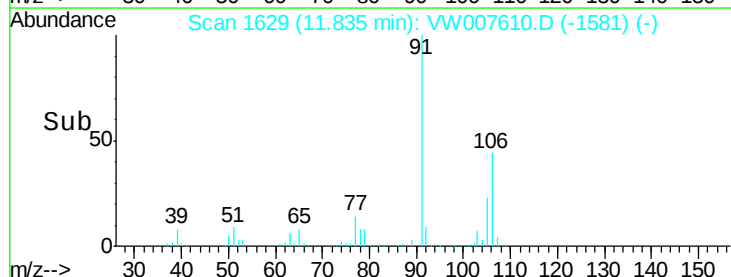
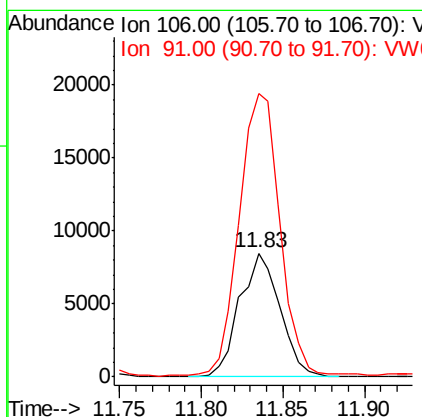
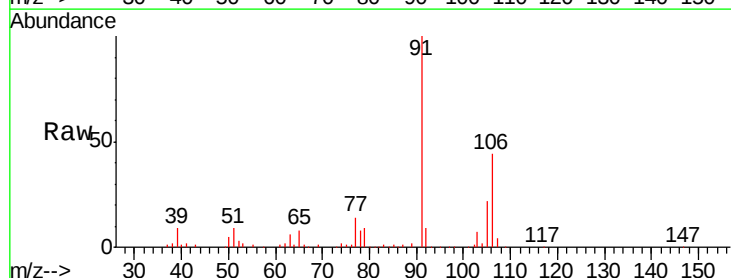
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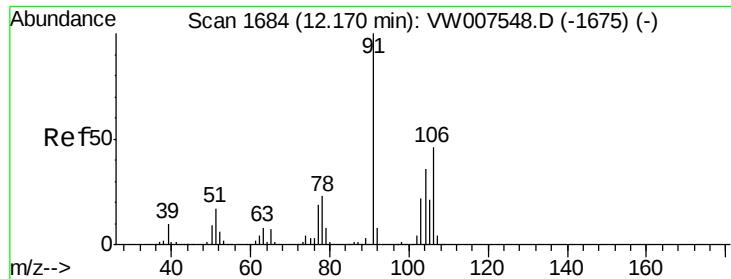
Tgt Ion: 91 Resp: 2039
Ion Ratio Lower Upper
91 100
106 36.4 21.8 32.8#



#68
m/p-Xylenes
Concen: 35.600 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW007610.D
Acq: 16 Dec 2018 05:07

Tgt Ion: 106 Resp: 14488
Ion Ratio Lower Upper
106 100
91 232.1 165.3 247.9

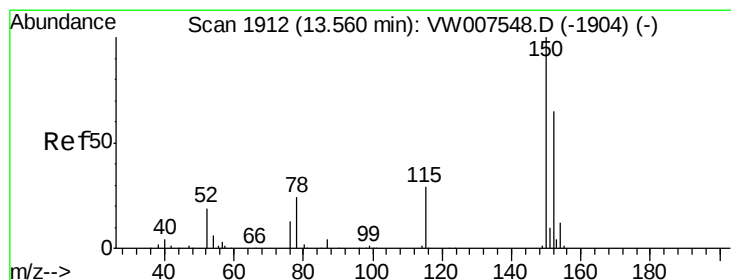
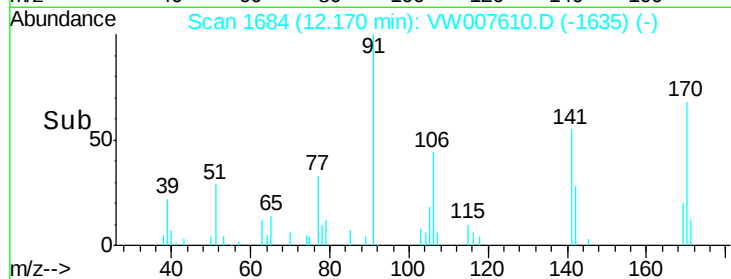
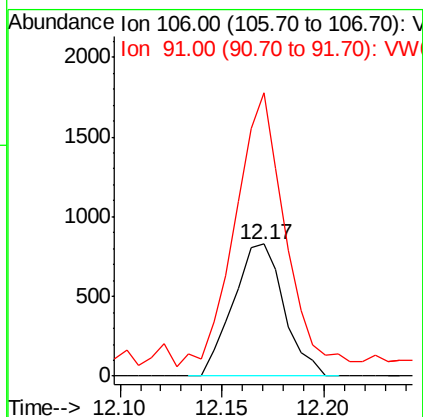
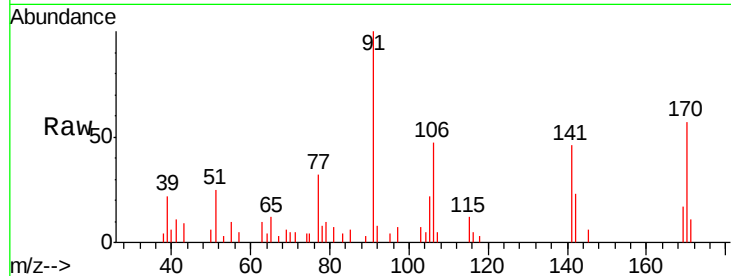




#69
o-Xylene
Concen: 3.770 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007610.D
Acq: 16 Dec 2018 05:07

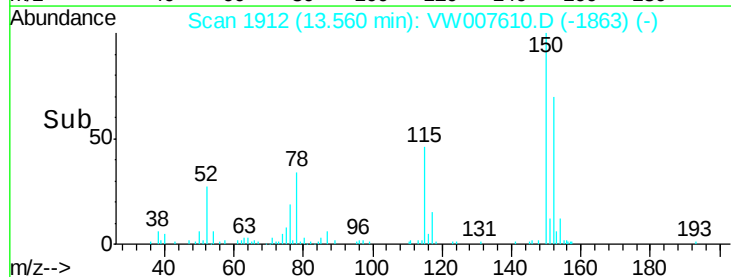
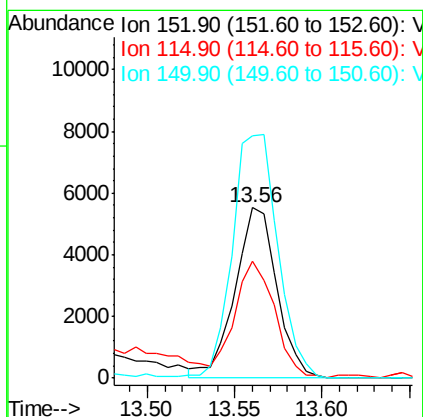
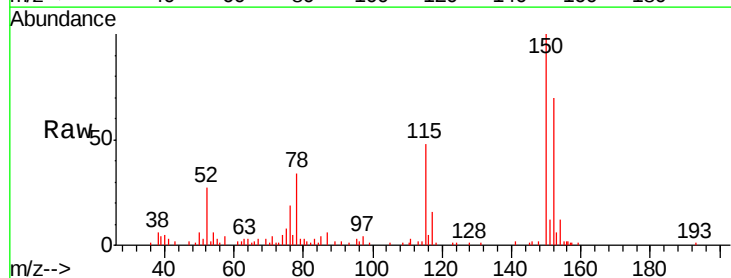
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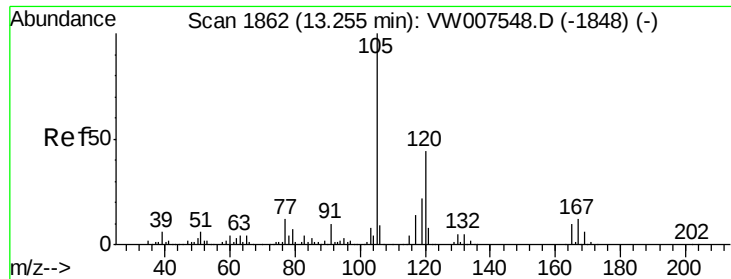
Tgt Ion:106 Resp: 1433
Ion Ratio Lower Upper
106 100
91 202.6 106.6 319.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW007610.D
Acq: 16 Dec 2018 05:07

Tgt Ion:152 Resp: 9219
Ion Ratio Lower Upper
152 100
115 65.6 31.4 94.2
150 154.4 0.0 358.4

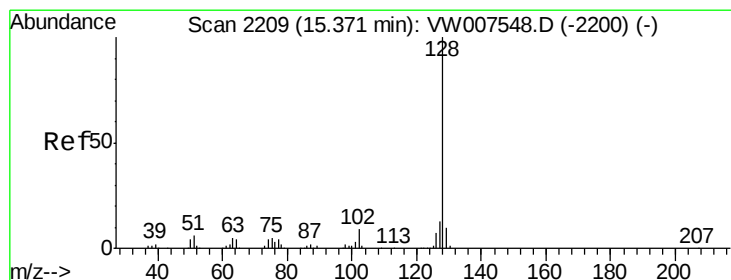
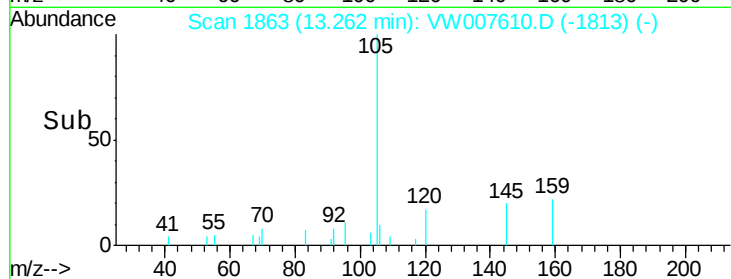
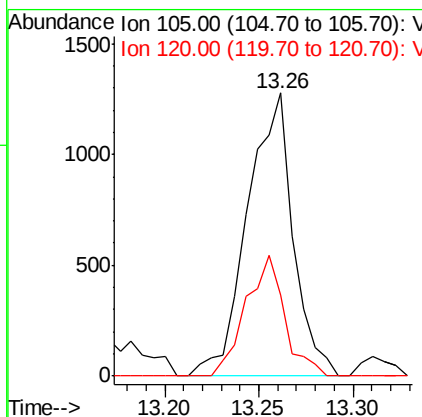
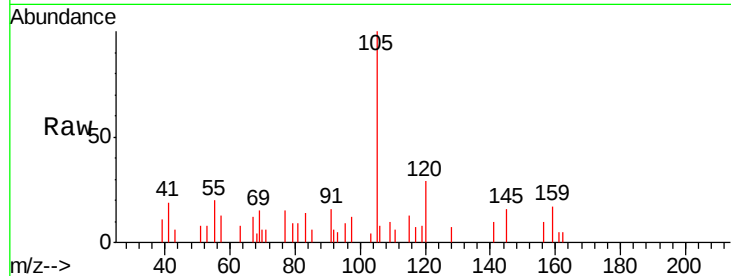




#84
 1,2,4-Trimethylbenzene
 Concen: 3.512 ug/l
 RT: 13.26 min Scan# 1863
 Delta R.T. 0.01 min
 Lab File: VW007610.D
 Acq: 16 Dec 2018 05:07

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SS001-0006-01

Tgt Ion:105 Resp: 2145
 Ion Ratio Lower Upper
 105 100
 120 36.3 22.6 67.7



#95
 Naphthalene
 Concen: 12.998 ug/l
 RT: 15.38 min Scan# 2210
 Delta R.T. 0.01 min
 Lab File: VW007610.D
 Acq: 16 Dec 2018 05:07

Tgt Ion:128 Resp: 4785
 Ion Ratio Lower Upper
 128 100
 127 14.5 10.2 15.4
 129 13.7 8.3 12.5#

