

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010419\
 Data File : VW008043.D
 Acq On : 04 Jan 2019 13:16
 Operator : SY/AP
 Sample : K1041-02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 OS-2-A

Quant Time: Jan 05 01:03:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 03 05:03:55 2019
 Response via : Initial Calibration

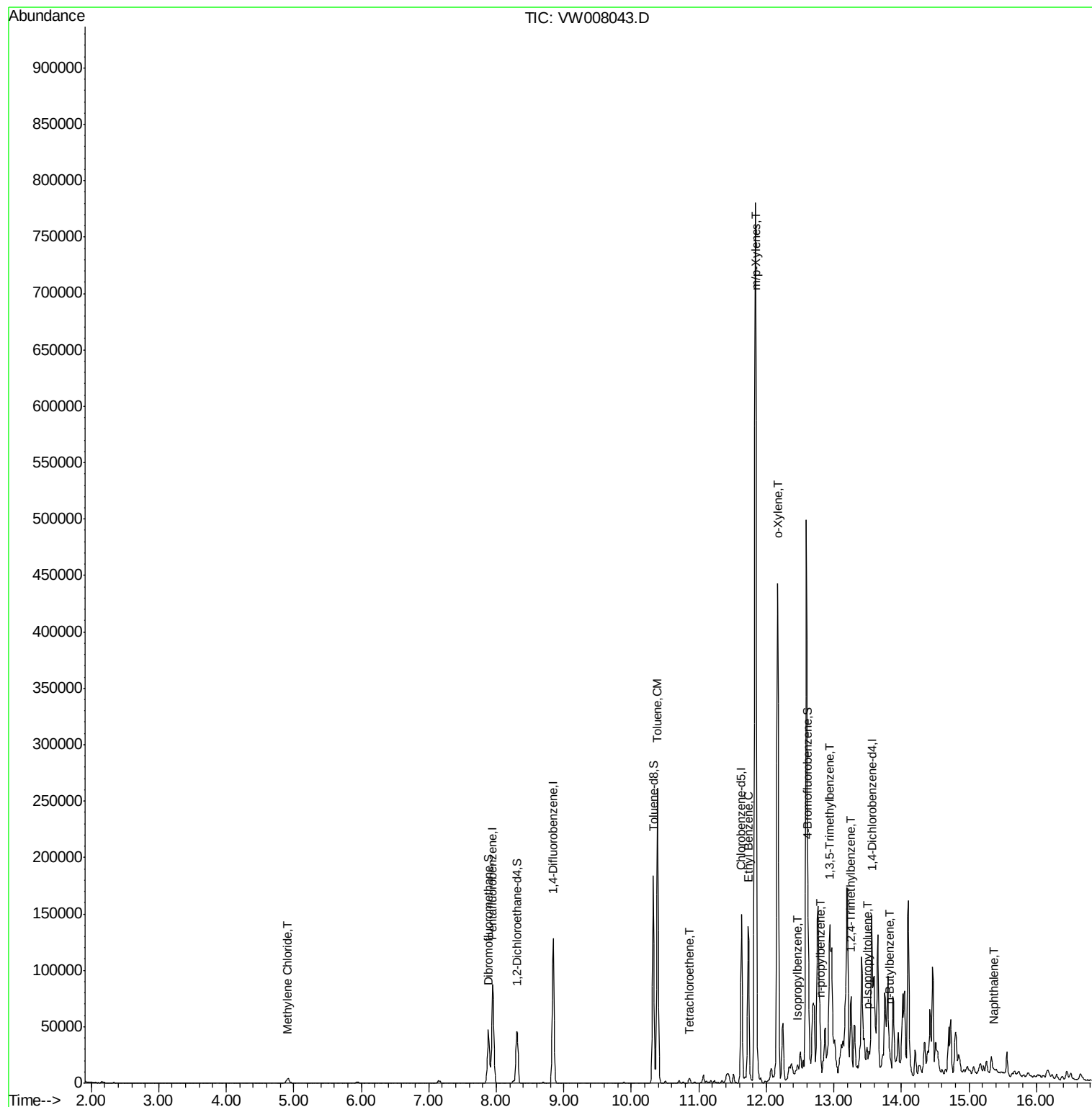
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	62678	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	106230	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	77719	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	31082	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	39659	57.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.42%	
35) Dibromofluoromethane	7.88	113	33989	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
50) Toluene-d8	10.32	98	121075	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
62) 4-Bromofluorobenzene	12.62	95	39168	40.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.32%	
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.92	84	3193	2.570	ug/l #	88
52) Toluene	10.39	92	110893	60.762	ug/l	98
64) Tetrachloroethene	10.87	164	958	1.784	ug/l #	82
67) Ethyl Benzene	11.73	91	93166	31.600	ug/l	93
68) m/p-Xylenes	11.84	106	231944	203.492	ug/l	98
69) o-Xylene	12.16	106	111367	105.004	ug/l	96
73) Isopropylbenzene	12.47	105	4631	1.874	ug/l	95
78) n-propylbenzene	12.81	91	6800	2.373	ug/l	96
80) 1,3,5-Trimethylbenzene	12.94	105	9864	4.637	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	39042	18.118	ug/l	97
86) p-Isopropyltoluene	13.51	119	2343	1.014	ug/l	86
89) n-Butylbenzene	13.83	91	6224	2.946	ug/l #	62
95) Naphthalene	15.37	128	5027	4.462	ug/l #	86

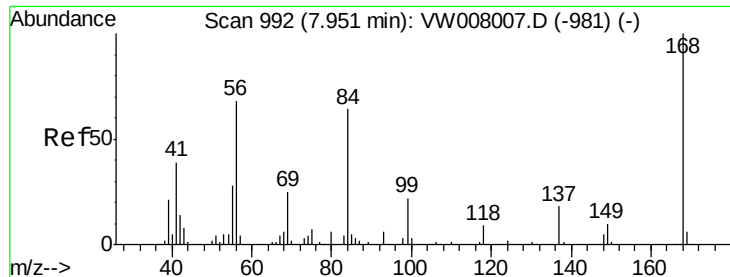
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW010419\
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Quant Title : SW846 8260
QLast Update : Thu Jan 03 05:03:55 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW008043.D

Acq: 04 Jan 2019 13:16

Instrument :

MSVOA_W

ClientSampleId :

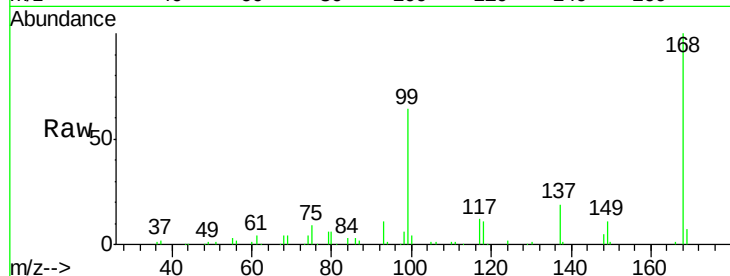
OS-2-A

Tot Ion:168 Resp: 62678

Ion Ratio Lower Upper

168 100

99 63.6 51.6 77.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

30000

25000

20000

15000

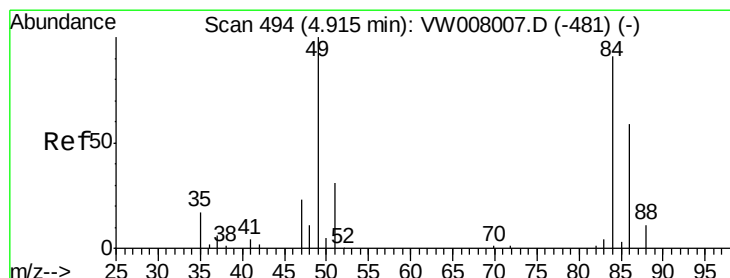
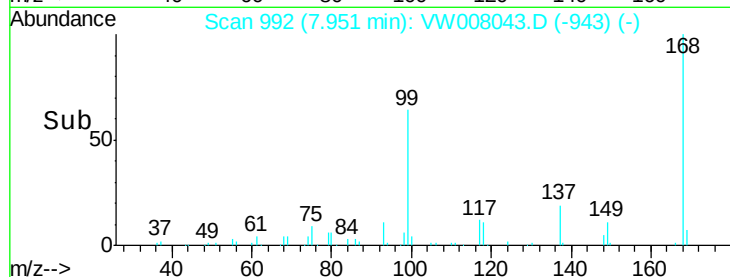
10000

5000

0

Time-->

7.85 7.90 7.95 8.00 8.05



#20

Methylene Chloride

Concen: 2.570 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW008043.D

Acq: 04 Jan 2019 13:16

Tgt Ion: 84 Resp: 3193

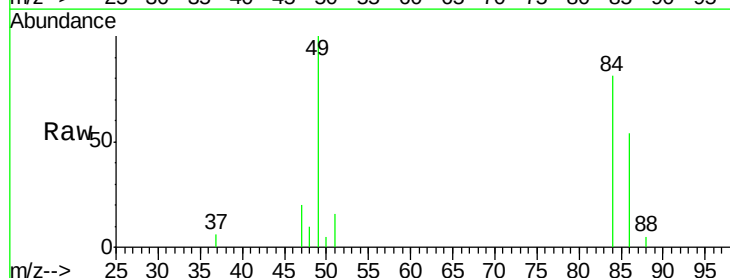
Ion Ratio Lower Upper

84 100

49 123.3 87.7 131.5

51 20.1 27.3 40.9#

86 66.0 51.4 77.0



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

2000

1500

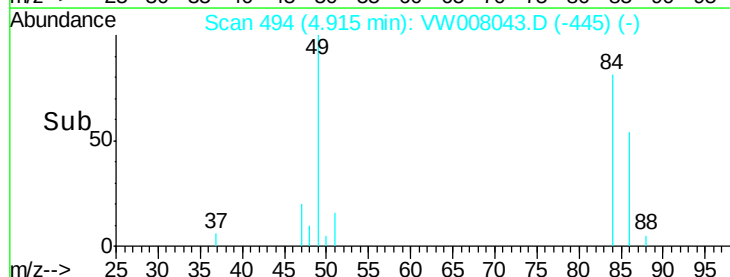
1000

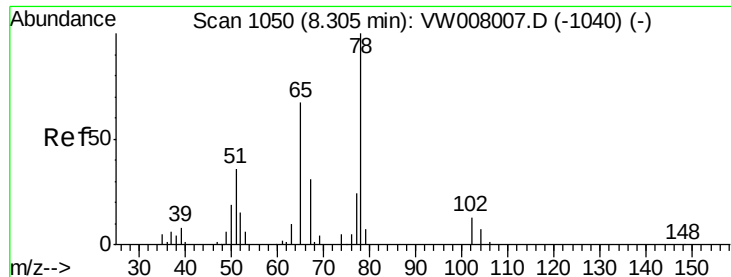
500

0

Time-->

4.80 4.85 4.90 4.95 5.00

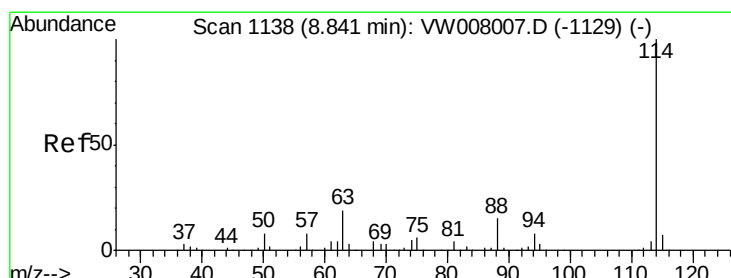
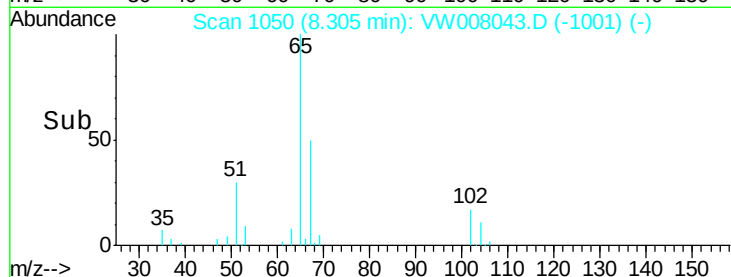
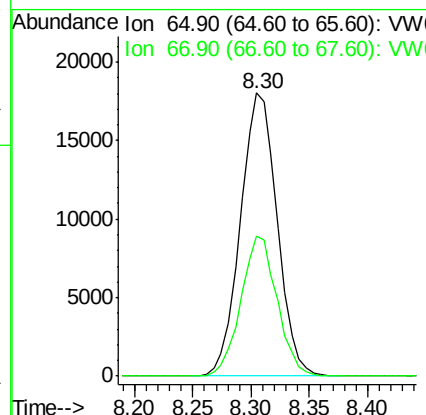
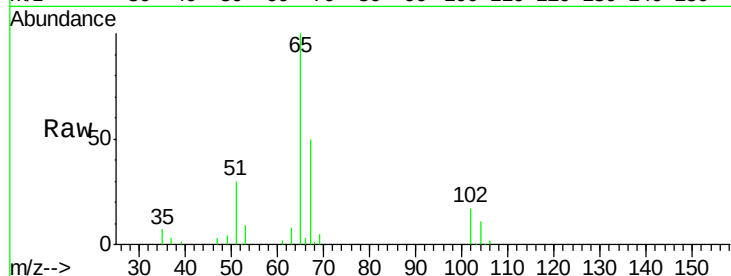




#33
 1,2-Dichloroethane-d4
 Concen: 57.207 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW008043.D
 Acq: 04 Jan 2019 13:16

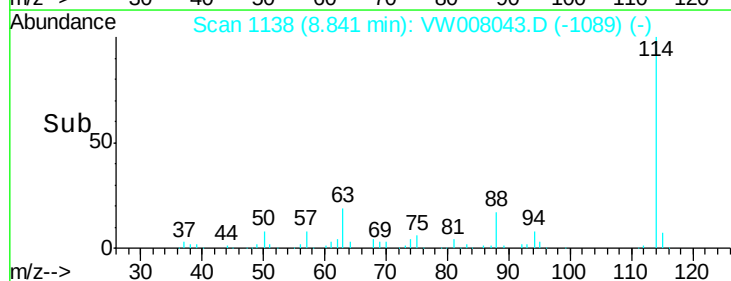
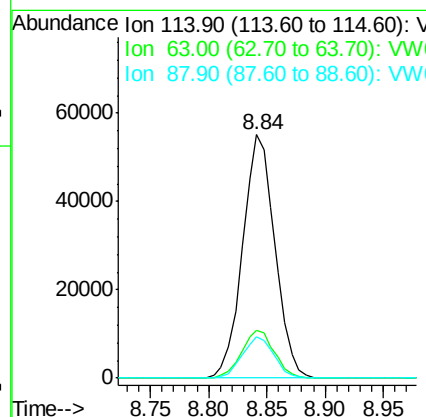
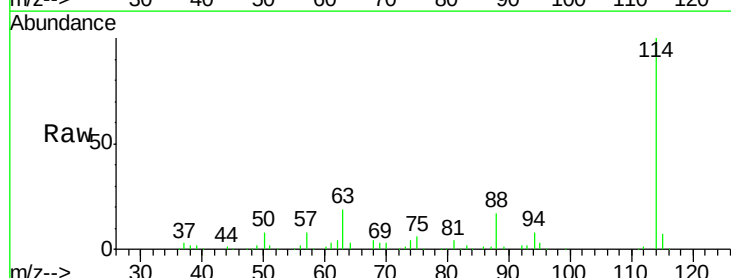
Instrument :
 MSVOA_W
 ClientSampled :
 OS-2-A

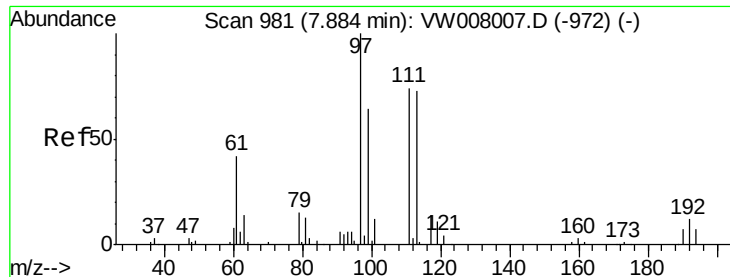
Tot Ion: 65 Resp: 39659
 Ion Ratio Lower Upper
 65 100
 67 48.6 0.0 94.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW008043.D
 Acq: 04 Jan 2019 13:16

Tgt Ion: 114 Resp: 106230
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 37.8
 88 17.0 0.0 31.0

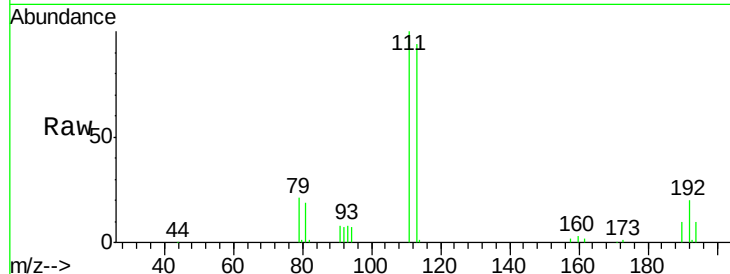




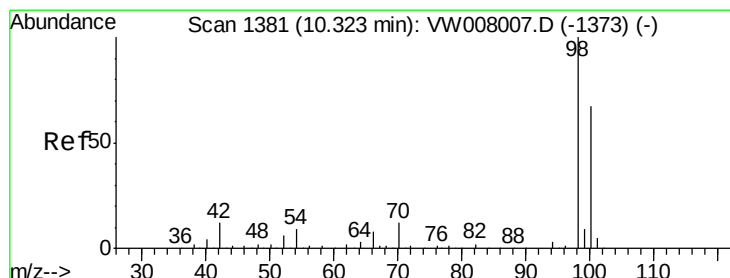
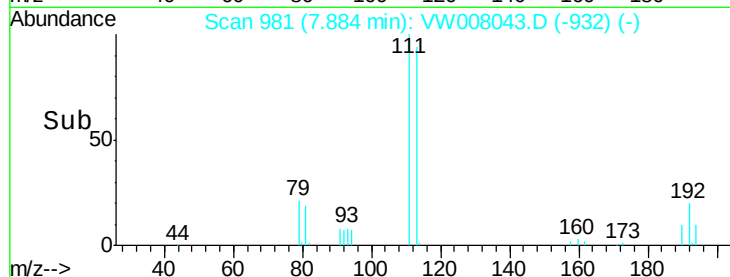
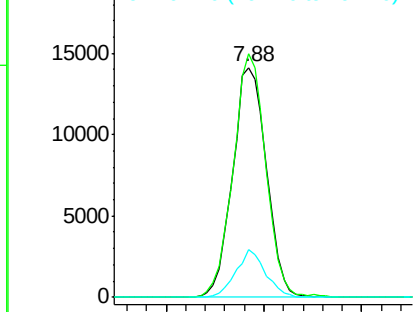
#35
 Dibromofluoromethane
 Concen: 50.754 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW008043.D
 Acq: 04 Jan 2019 13:16

Instrument :
 MSVOA_W
 ClientSampleId :
 OS-2-A

Tot Ion:113 Resp: 33989
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.4 122.0
 192 18.0 14.8 22.2

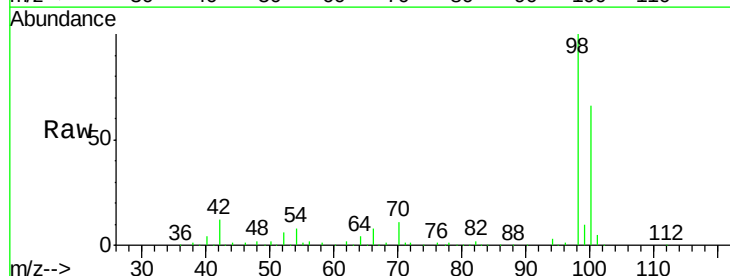


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

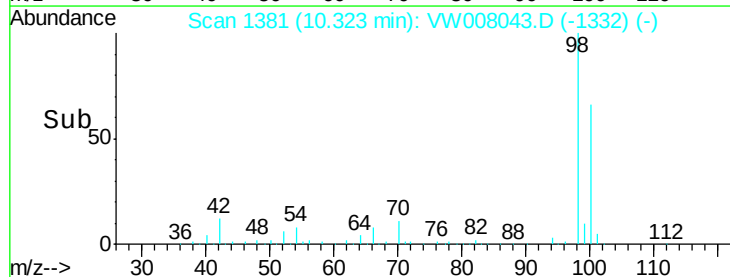
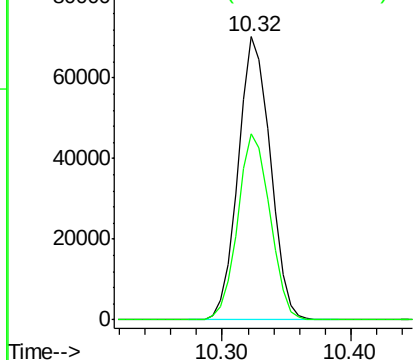


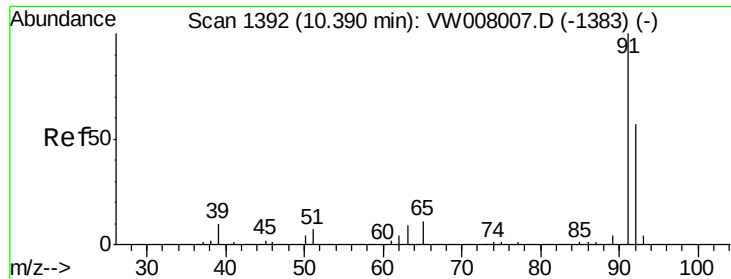
#50
 Toluene-d8
 Concen: 48.196 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW008043.D
 Acq: 04 Jan 2019 13:16

Tgt Ion: 98 Resp: 121075
 Ion Ratio Lower Upper
 98 100
 100 66.2 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VW
 Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 60.762 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW008043.D

Acq: 04 Jan 2019 13:16

Instrument :

MSVOA_W

ClientSampled :

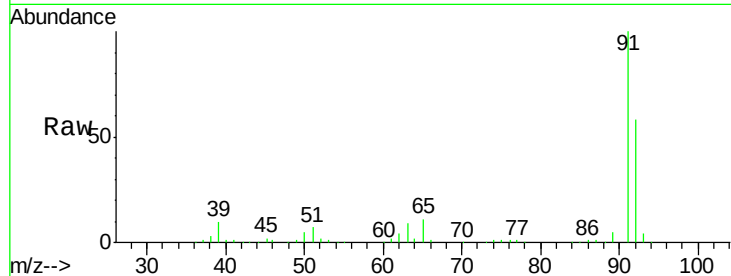
OS-2-A

Tot Ion: 92 Resp: 110893

Ion Ratio Lower Upper

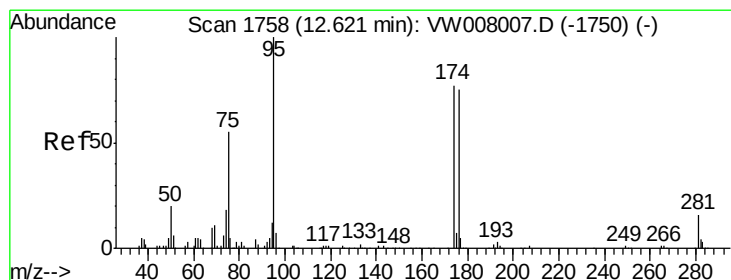
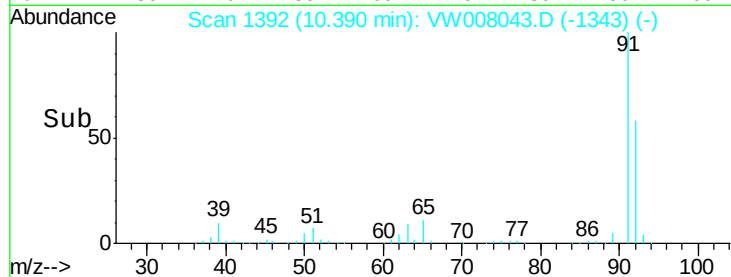
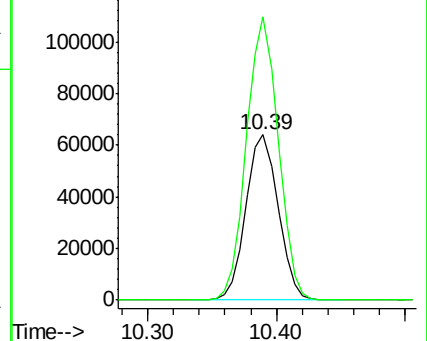
92 100

91 168.8 136.9 205.3



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW



#62

4-Bromofluorobenzene

Concen: 40.655 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. -0.00 min

Lab File: VW008043.D

Acq: 04 Jan 2019 13:16

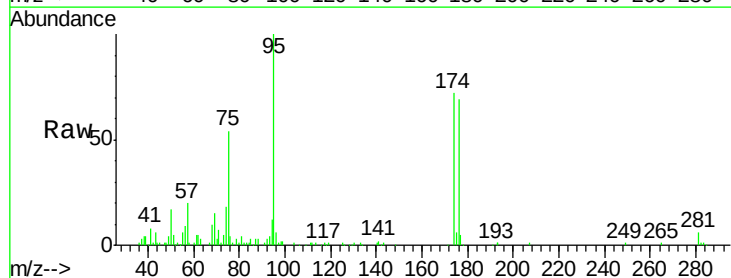
Tgt Ion: 95 Resp: 39168

Ion Ratio Lower Upper

95 100

174 74.9 0.0 149.6

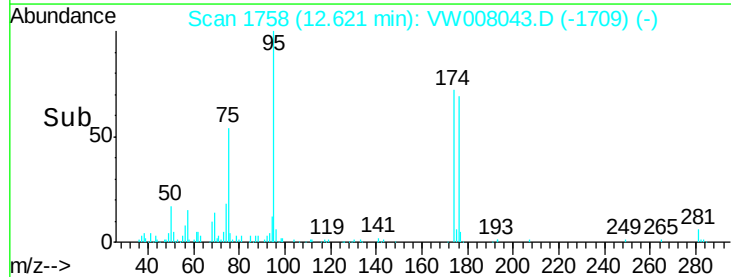
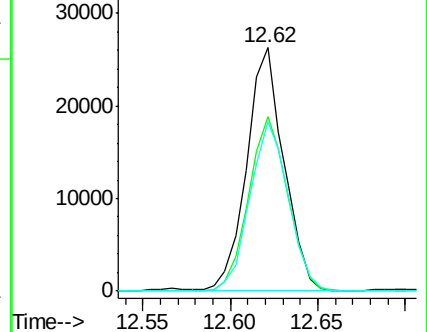
176 72.0 0.0 145.4

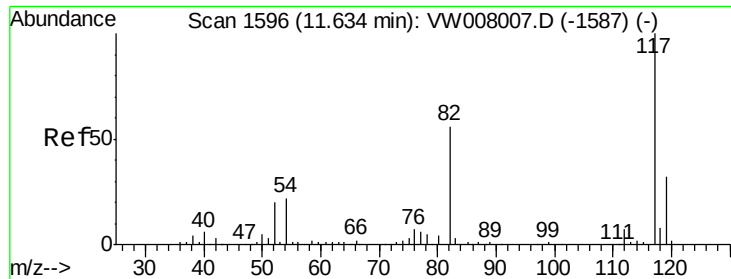


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

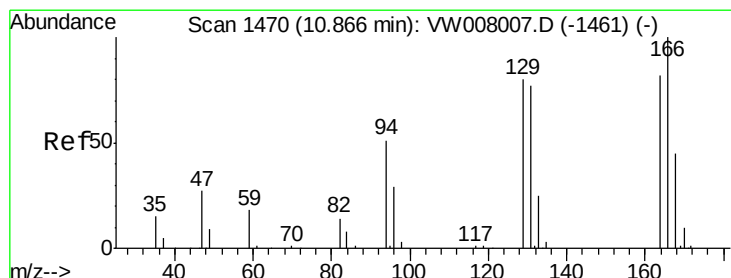
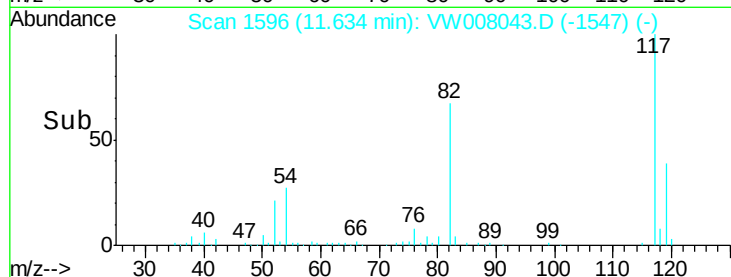
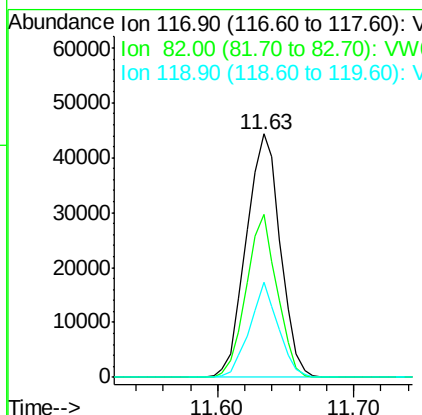
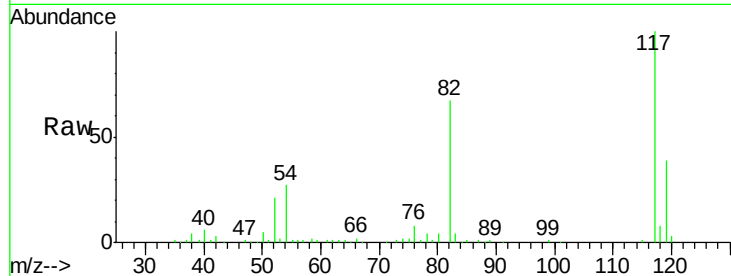




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008043.D
Acq: 04 Jan 2019 13:16

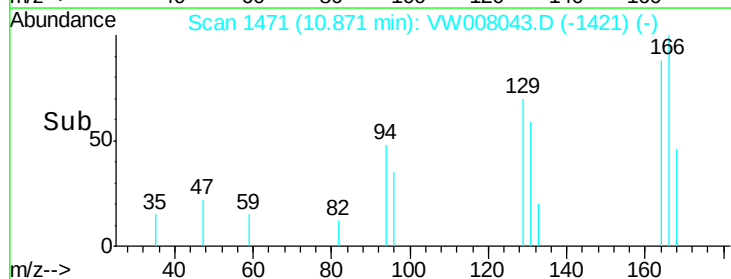
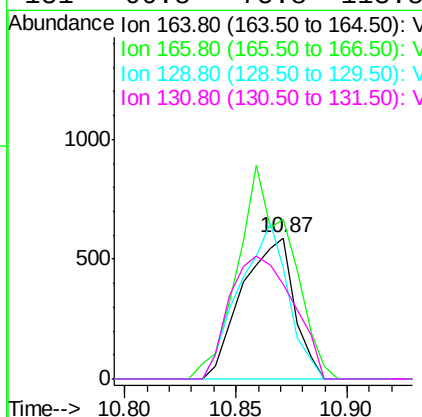
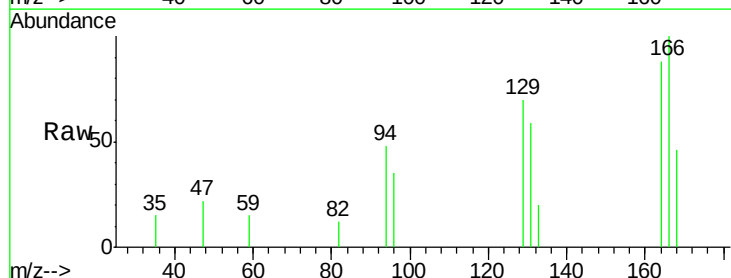
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MSVOA_W
ClientSampled :
OS-2-A

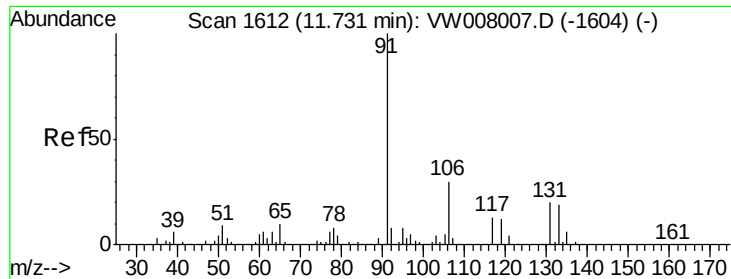
Tot Ion:117 Resp: 77719
Ion Ratio Lower Upper
117 100
82 66.9 44.8 67.2
119 39.3 25.6 38.4#



#64
Tetrachloroethene
Concen: 1.784 ug/l
RT: 10.87 min Scan# 1471
Delta R.T. 0.01 min
Lab File: VW008043.D
Acq: 04 Jan 2019 13:16

Tgt Ion:164 Resp: 958
Ion Ratio Lower Upper
164 100
166 113.4 98.1 147.1
129 79.4 78.0 117.0
131 66.8 75.8 113.8#

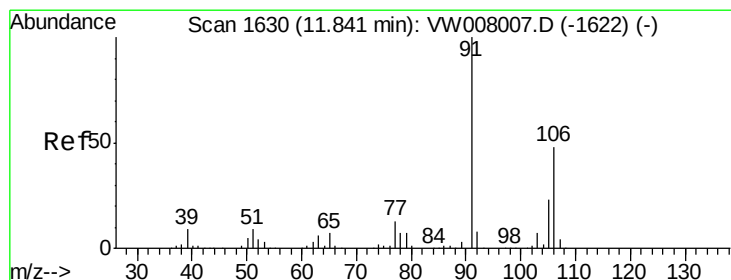
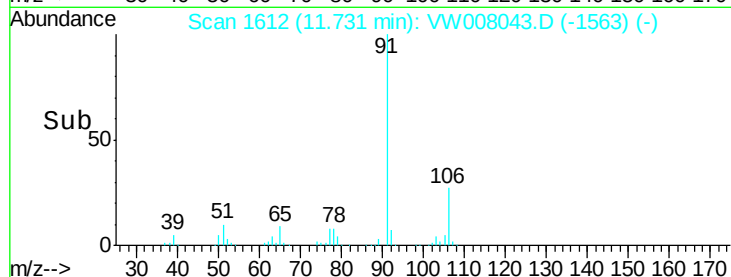
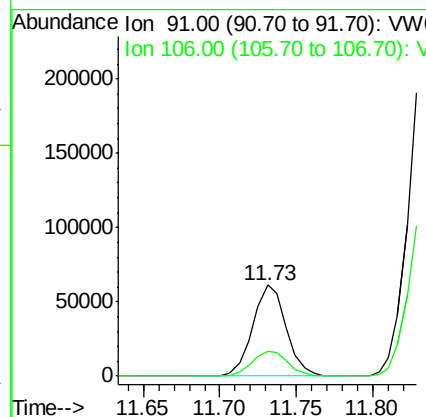
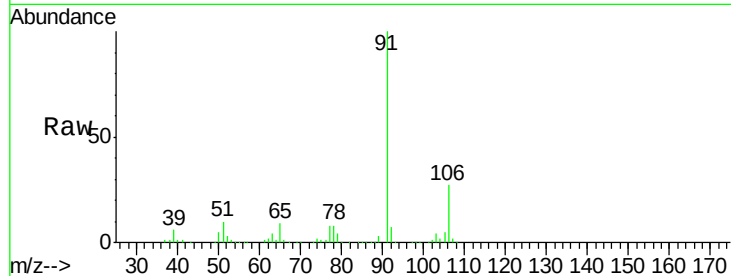




#67
Ethyl Benzene
Concen: 31.600 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW008043.D
Acq: 04 Jan 2019 13:16

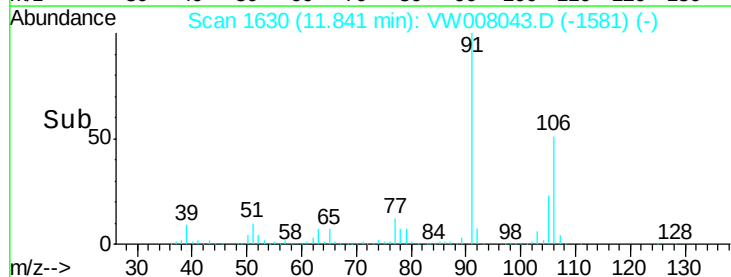
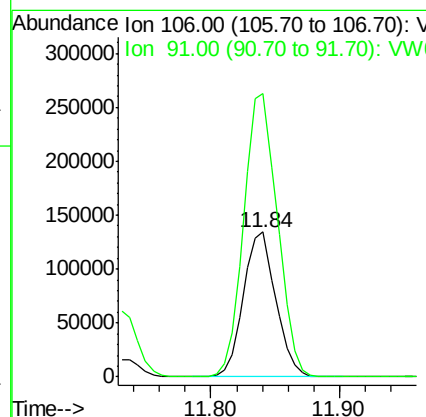
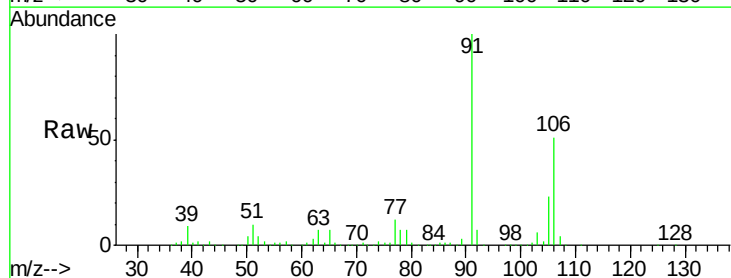
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MSVOA_W
ClientSampleId :
OS-2-A

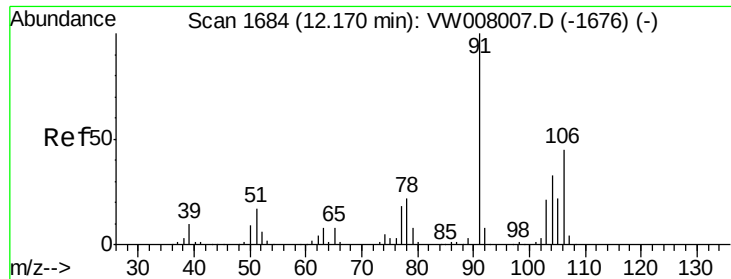
Tot Ion: 91 Resp: 93166
Ion Ratio Lower Upper
91 100
106 26.7 24.3 36.5



#68
m/p-Xylenes
Concen: 203.492 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW008043.D
Acq: 04 Jan 2019 13:16

Tgt Ion: 106 Resp: 231944
Ion Ratio Lower Upper
106 100
91 204.6 165.8 248.8

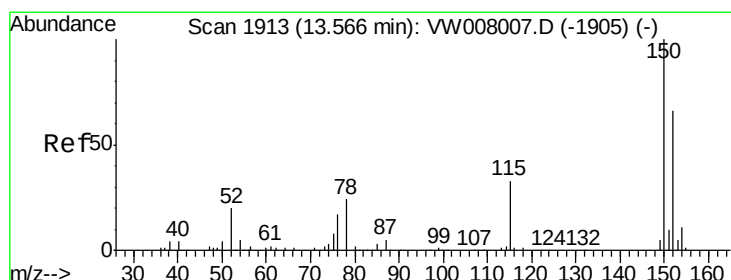
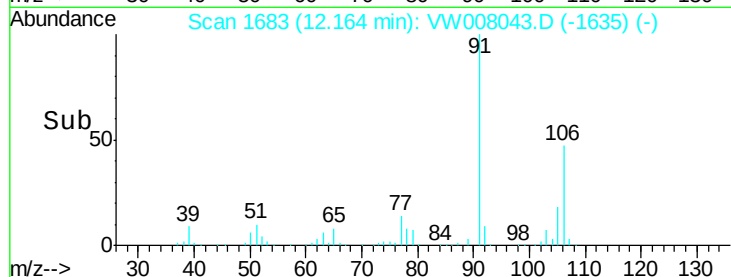
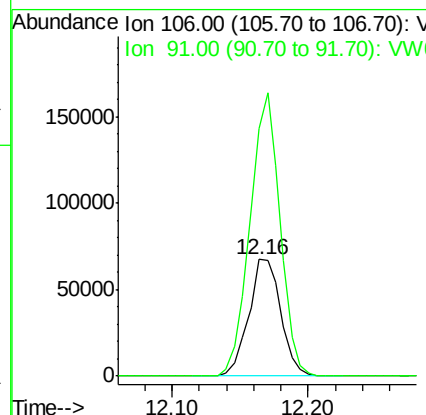
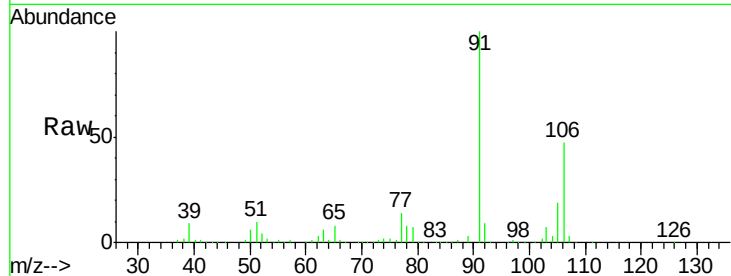




#69
o-Xylene
Concen: 105.004 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.01 min
Lab File: VW008043.D
Acq: 04 Jan 2019 13:16

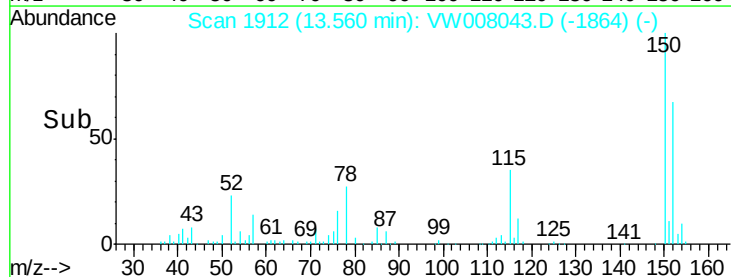
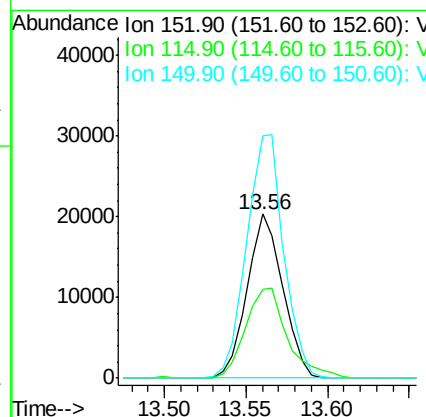
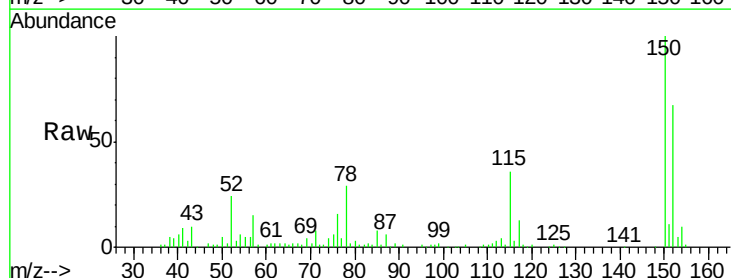
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ClientSampleId :
OS-2-A

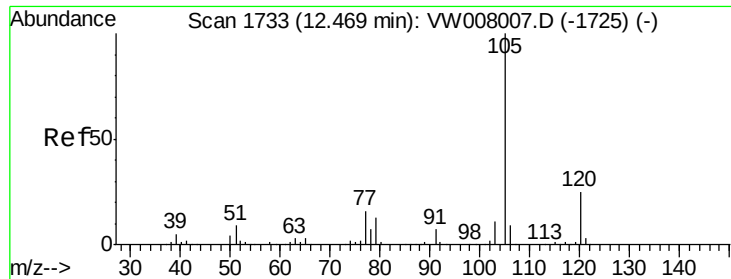
Tot Ion:106 Resp: 111367
Ion Ratio Lower Upper
106 100
91 227.4 110.6 331.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.01 min
Lab File: VW008043.D
Acq: 04 Jan 2019 13:16

Tgt Ion:152 Resp: 31082
Ion Ratio Lower Upper
152 100
115 64.2 32.1 96.5
150 154.0 0.0 345.0





#73

Isopropylbenzene

Concen: 1.874 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW008043.D

Acq: 04 Jan 2019 13:16

Instrument :

MSVOA_W

ClientSampleId :

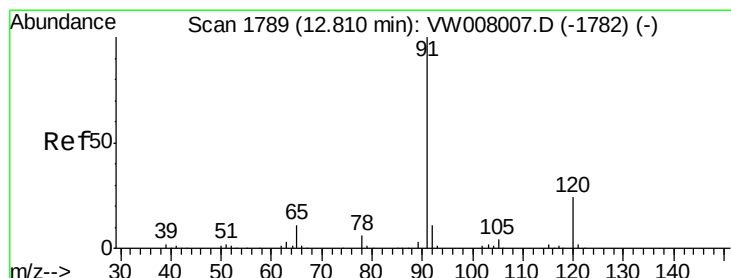
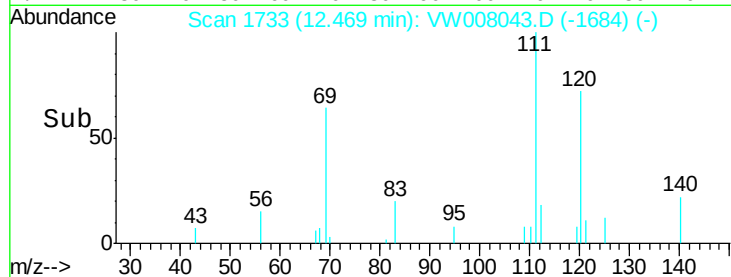
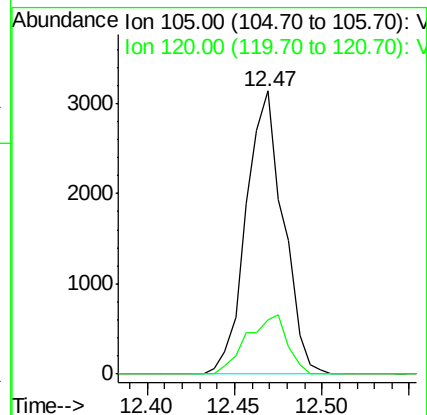
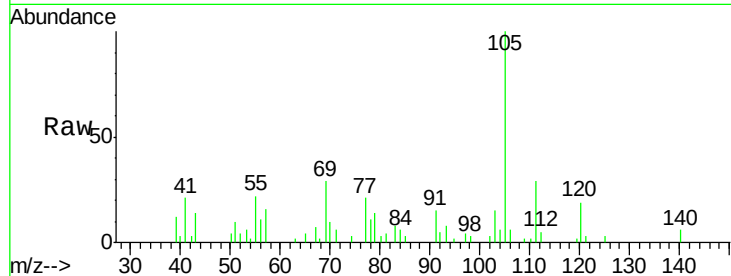
OS-2-A

Tot Ion:105 Resp: 4631

Ion Ratio Lower Upper

105 100

120 22.8 12.8 38.3



#78

n-propylbenzene

Concen: 2.373 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW008043.D

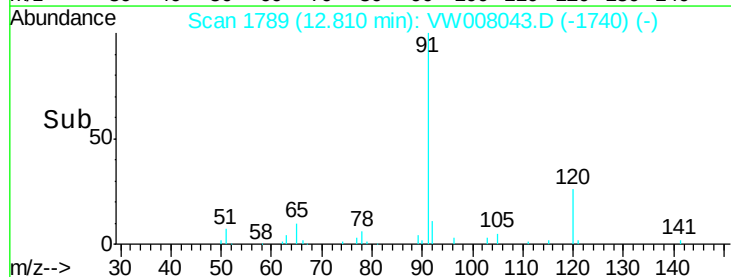
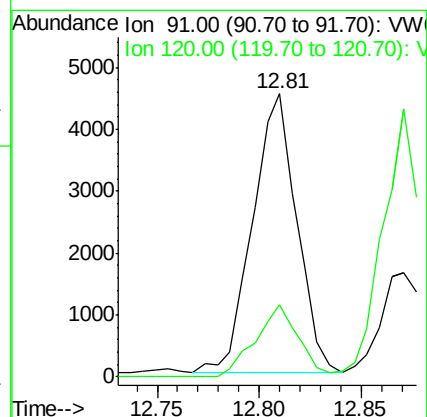
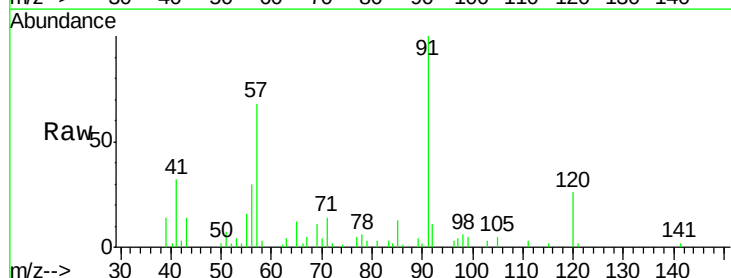
Acq: 04 Jan 2019 13:16

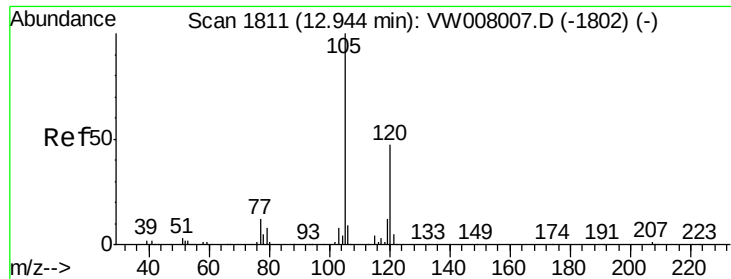
Tgt Ion: 91 Resp: 6800

Ion Ratio Lower Upper

91 100

120 25.0 11.5 34.5

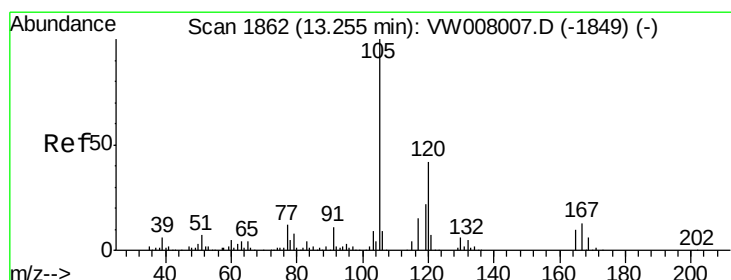
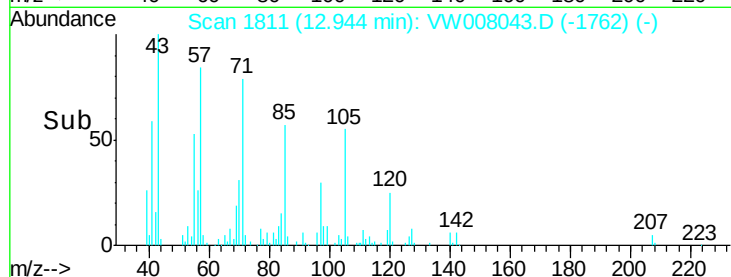
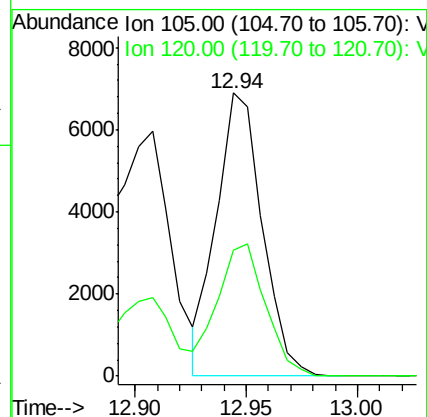
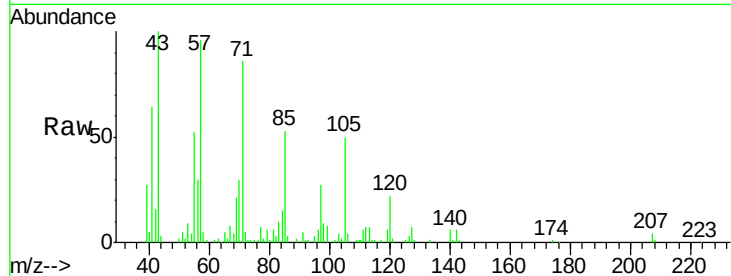




#80
 1,3,5-Trimethylbenzene
 Concen: 4.637 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW008043.D
 Acq: 04 Jan 2019 13:16

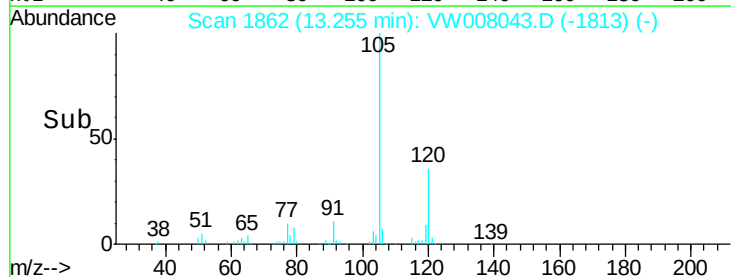
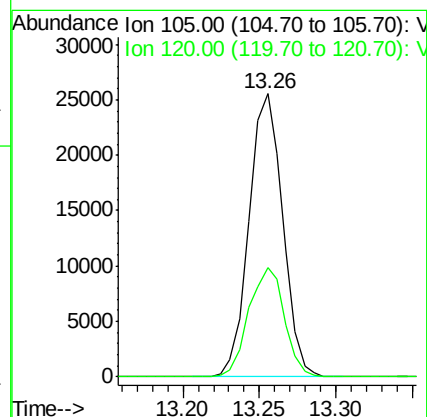
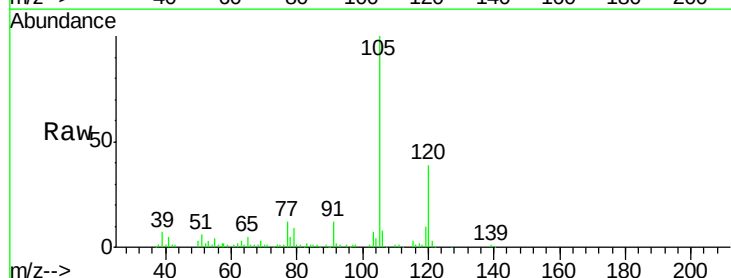
Instrument :
 MSVOA_W
 ClientSampleID :
 OS-2-A

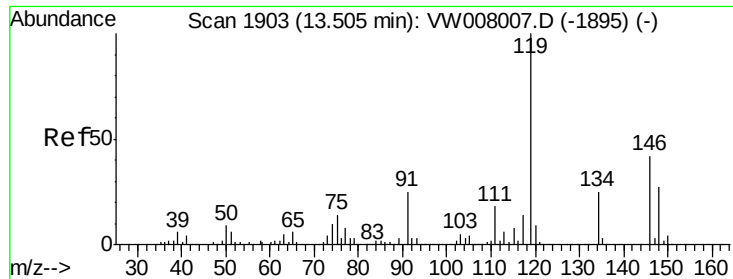
Tot Ion:105 Resp: 9864
 Ion Ratio Lower Upper
 105 100
 120 49.1 23.3 69.9



#84
 1,2,4-Trimethylbenzene
 Concen: 18.118 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW008043.D
 Acq: 04 Jan 2019 13:16

Tgt Ion:105 Resp: 39042
 Ion Ratio Lower Upper
 105 100
 120 40.8 21.5 64.5

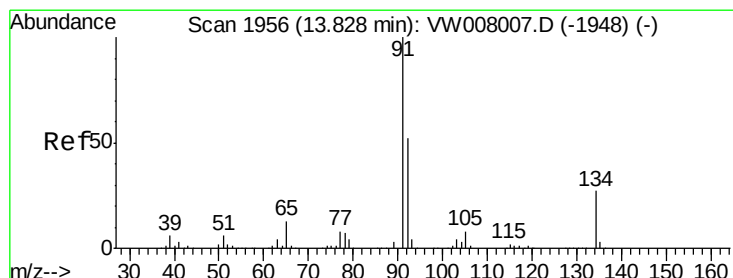
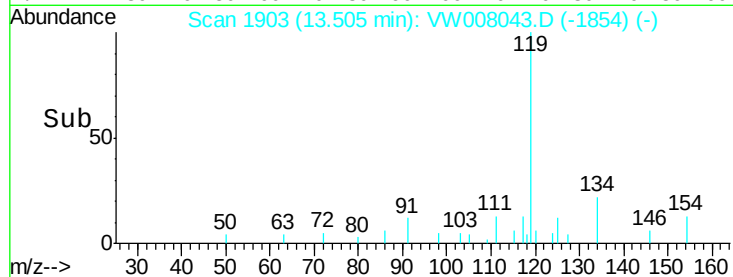
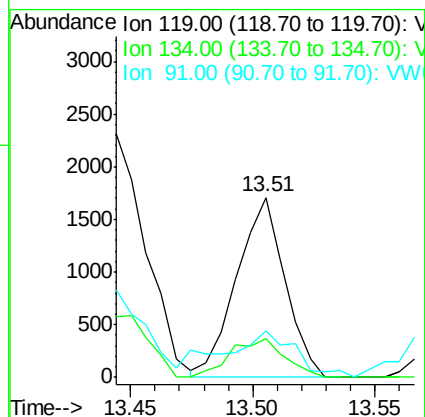
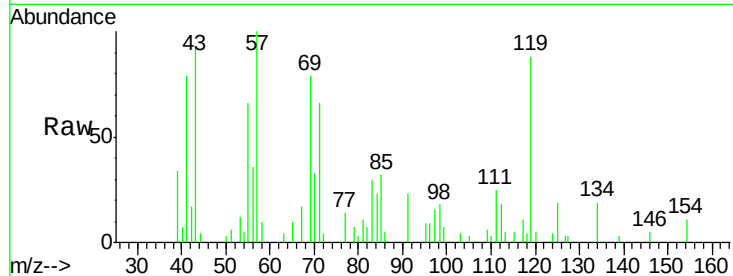




#86
 p-Isopropyltoluene
 Concen: 1.014 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW008043.D
 Acq: 04 Jan 2019 13:16

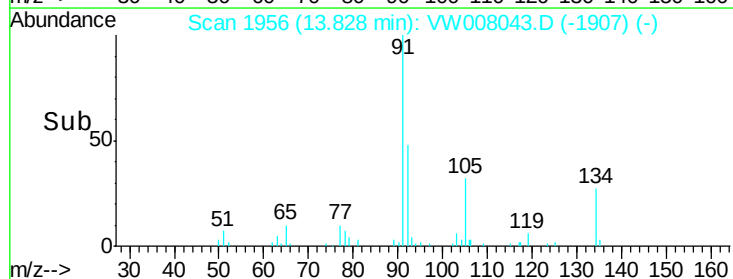
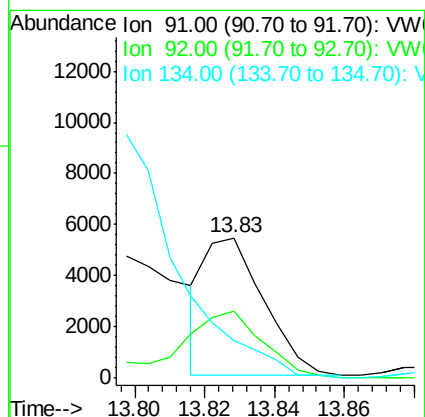
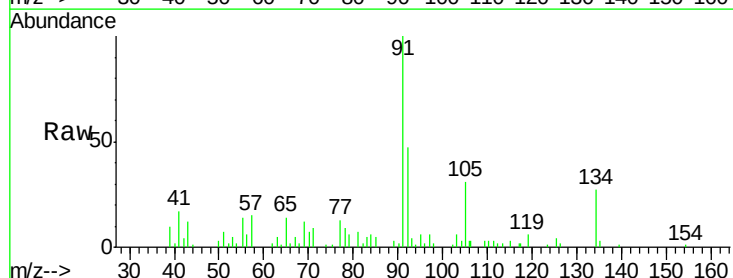
Instrument :
 MSVOA_W
 ClientSampled :
 OS-2-A

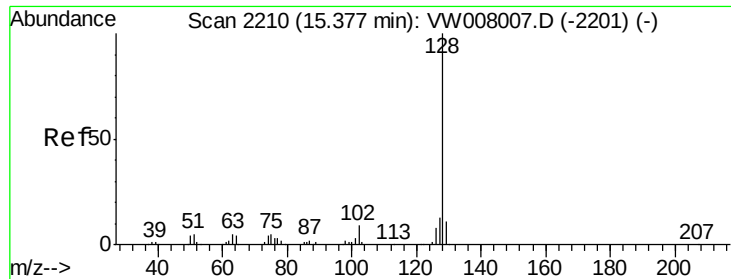
Tot Ion: 119 Resp: 2343
 Ion Ratio Lower Upper
 119 100
 134 24.2 12.5 37.5
 91 39.2 13.1 39.3



#89
 n-Butylbenzene
 Concen: 2.946 ug/l
 RT: 13.83 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: VW008043.D
 Acq: 04 Jan 2019 13:16

Tgt Ion: 91 Resp: 6224
 Ion Ratio Lower Upper
 91 100
 92 75.0 26.4 79.2
 134 0.0 13.4 40.2#

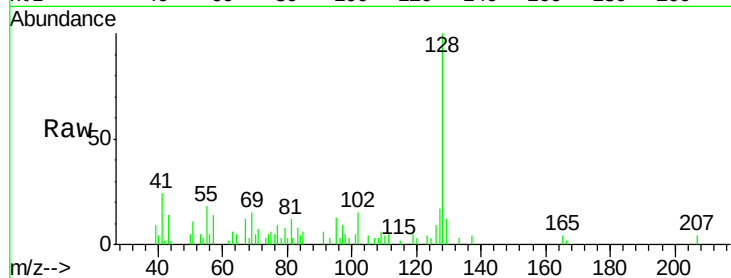




#95
Naphthalene
Concen: 4.462 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW008043.D
Acq: 04 Jan 2019 13:16

Instrument :
MSVOA_W
ClientSampleId :
OS-2-A

Tot Ion	Ratio	Lower	Upper
128	100		
127	20.5	10.8	16.2#
129	14.5	8.8	13.2#



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V

