

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW010719\
 Data File : VW008069.D
 Acq On : 07 Jan 2019 15:02
 Operator : SY/AP
 Sample : K1012-05
 Misc : 8.95G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EO-02-010419-C

Quant Time: Jan 08 04:11:58 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	65383	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	110249	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	77554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	25488	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	40424	55.90	ug/l	0.00
Spiked Amount			Recovery	=	111.80%	
35) Dibromofluoromethane	7.88	113	34900	50.21	ug/l	0.00
Spiked Amount			Recovery	=	100.42%	
50) Toluene-d8	10.32	98	118382	45.41	ug/l	0.00
Spiked Amount			Recovery	=	90.82%	
62) 4-Bromofluorobenzene	12.62	95	35898	35.90	ug/l	0.00
Spiked Amount			Recovery	=	71.80%	

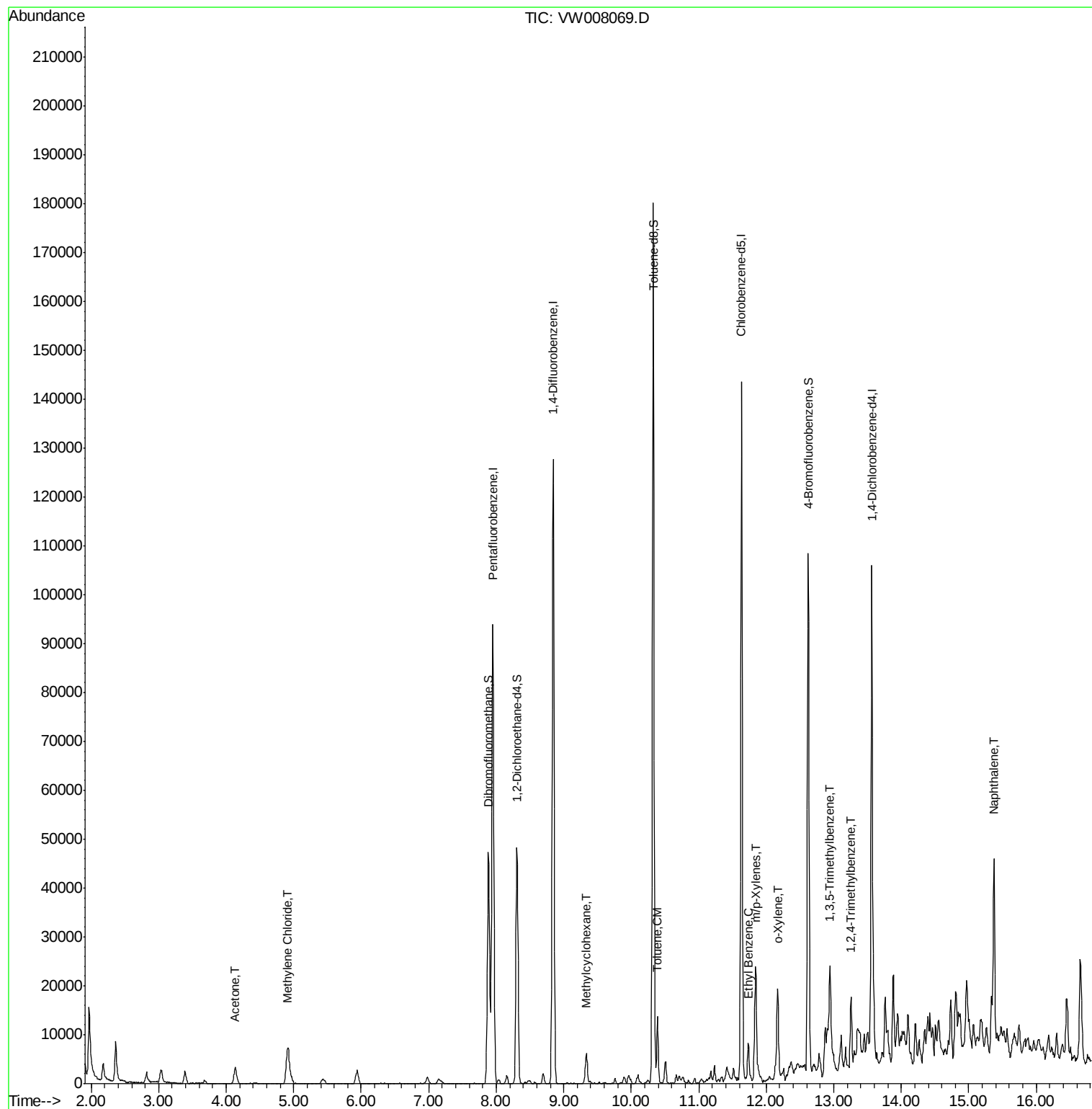
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.14	43	6345	56.680	ug/l	98
20) Methylene Chloride	4.91	84	6013	6.649	ug/l #	96
39) Methylcyclohexane	9.34	83	2661	1.963	ug/l	92
52) Toluene	10.39	92	5521	2.915	ug/l	91
67) Ethyl Benzene	11.73	91	5354	1.820	ug/l	98
68) m/p-Xylenes	11.84	106	5891	5.179	ug/l	95
69) o-Xylene	12.17	106	4504	4.256	ug/l	94
80) 1,3,5-Trimethylbenzene	12.94	105	5777	3.311	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	8119	4.595	ug/l	94
95) Naphthalene	15.38	128	35458	38.378	ug/l	100

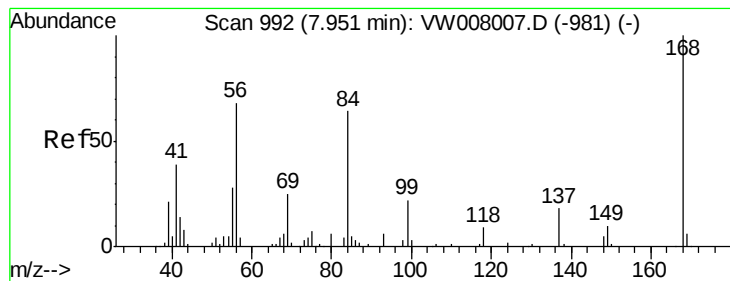
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W010219S.M
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: VW008069.D

Acq: 07 Jan 2019 15:02

Instrument :

MSVOA_W

ClientSampleId :

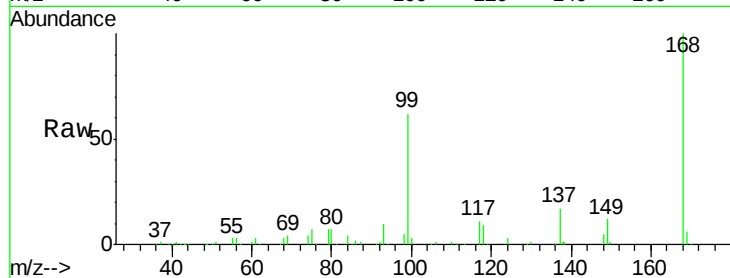
EO-02-010419-C

Tot Ion:168 Resp: 65383

Ion Ratio Lower Upper

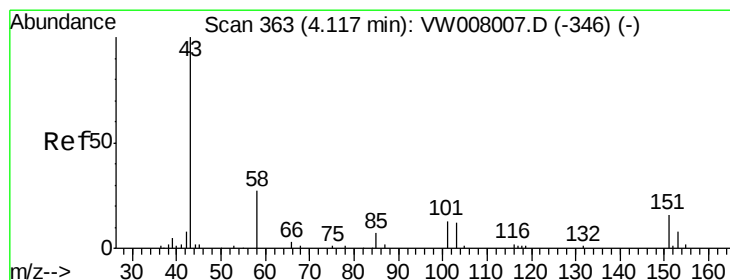
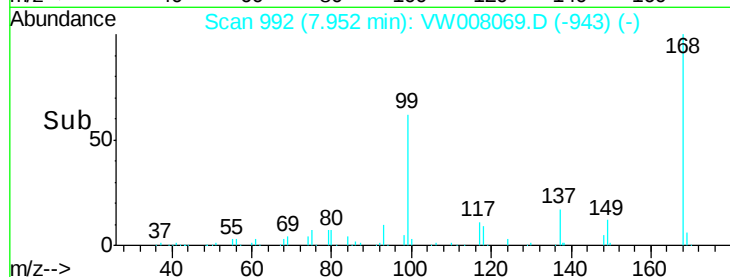
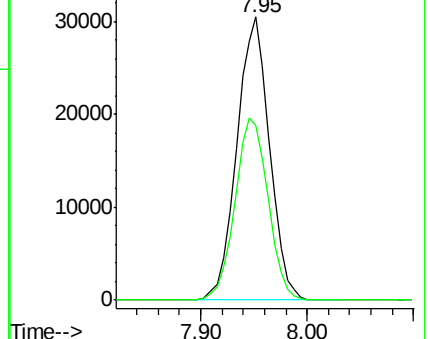
168 100

99 61.5 51.6 77.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 56.680 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.02 min

Lab File: VW008069.D

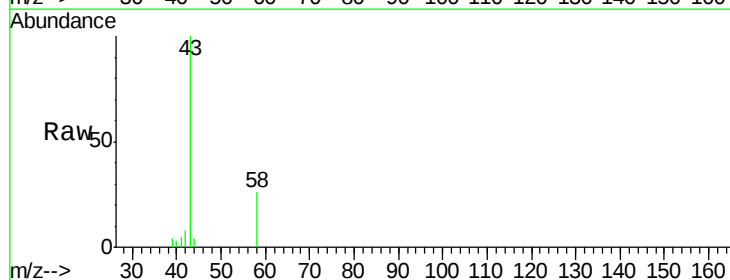
Acq: 07 Jan 2019 15:02

Tgt Ion: 43 Resp: 6345

Ion Ratio Lower Upper

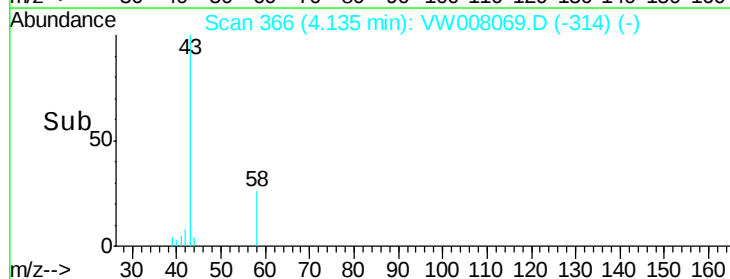
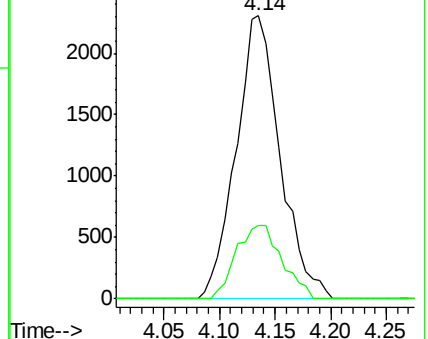
43 100

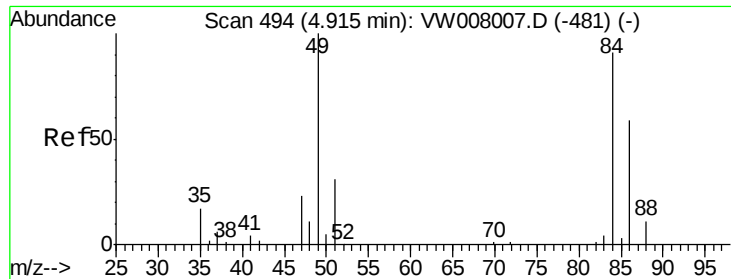
58 26.1 21.7 32.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

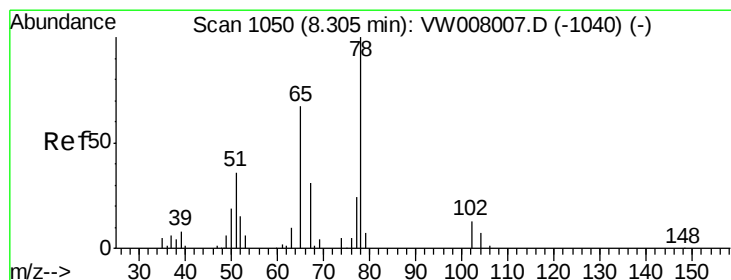
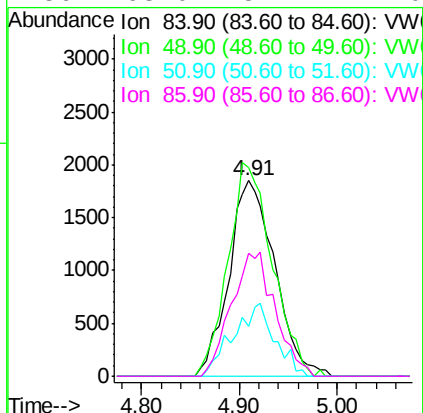
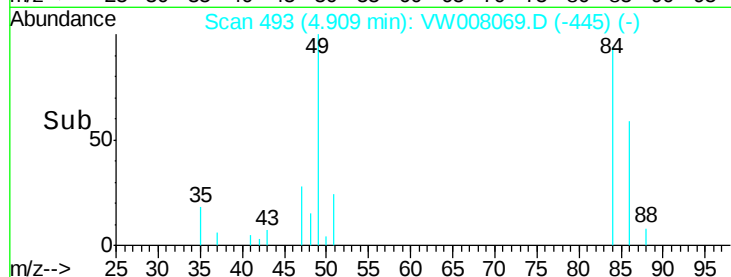
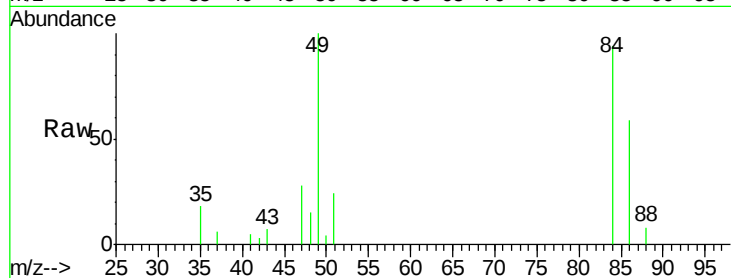




#20
Methylene Chloride
Concen: 6.649 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.01 min
Lab File: VW008069.D
Acq: 07 Jan 2019 15:02

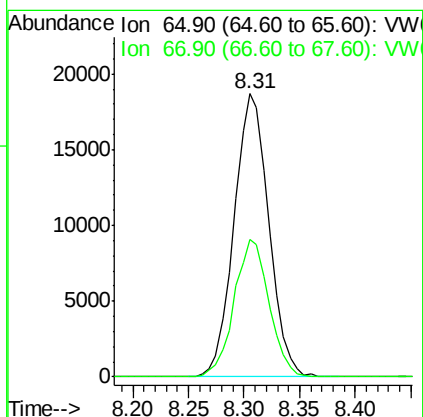
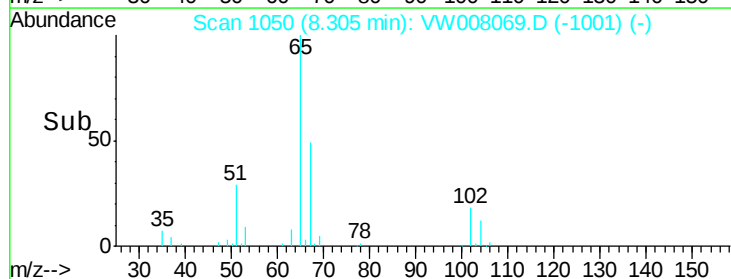
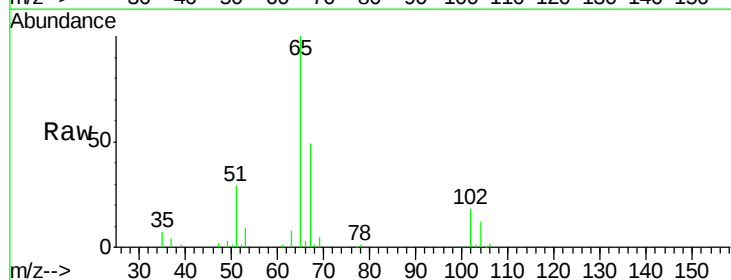
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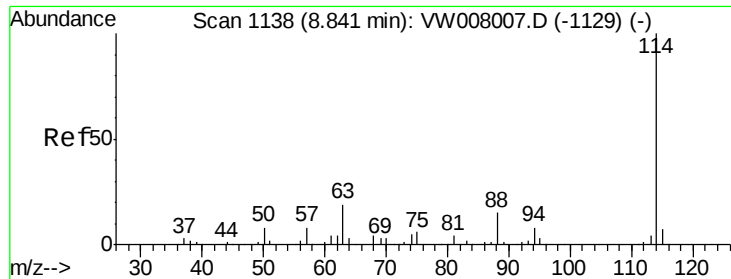
Tot Ion: 84 Resp: 6013
Ion Ratio Lower Upper
84 100
49 106.8 87.7 131.5
51 25.8 27.3 40.9#
86 63.0 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 55.898 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008069.D
Acq: 07 Jan 2019 15:02

Tgt Ion: 65 Resp: 40424
Ion Ratio Lower Upper
65 100
67 48.7 0.0 94.8

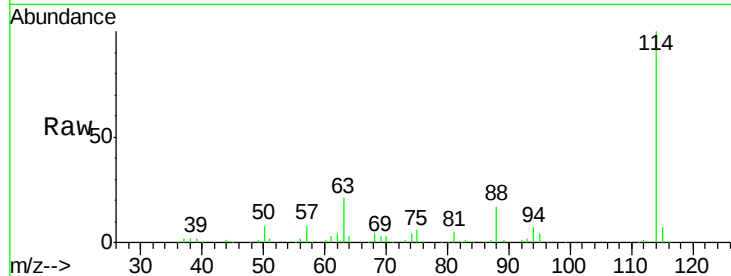




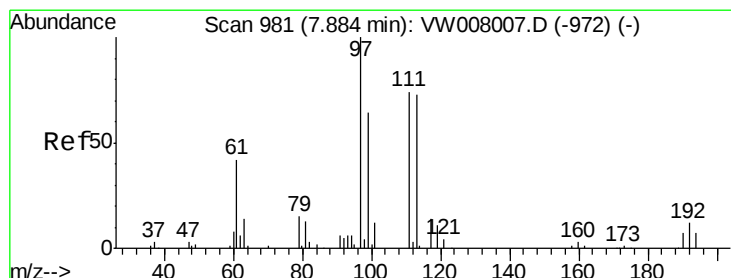
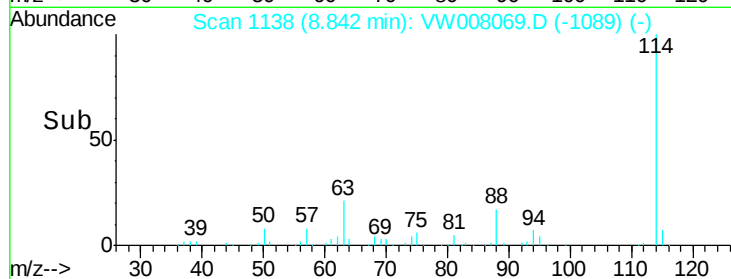
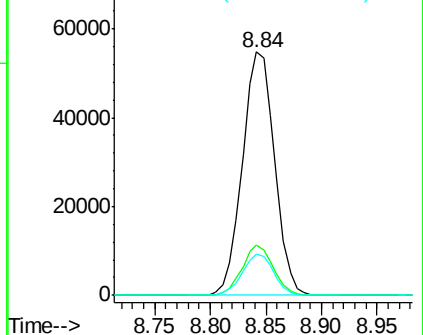
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008069.D
Acq: 07 Jan 2019 15:02

Instrument :
MSVOA_W
ClientSampleId :
EO-02-010419-C

Tot Ion:114 Resp: 110249
Ion Ratio Lower Upper
114 100
63 20.6 0.0 37.8
88 17.1 0.0 31.0

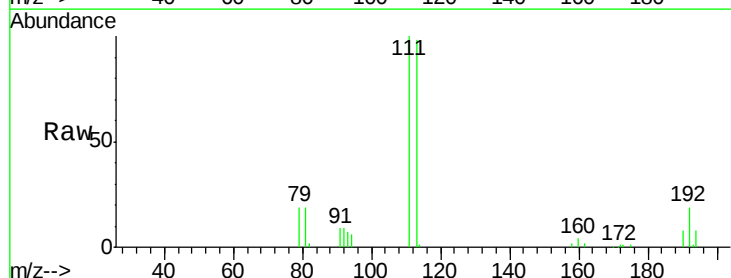


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

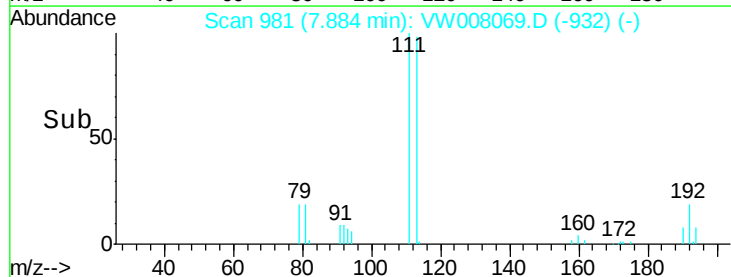
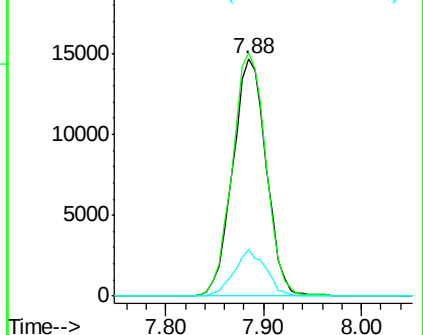


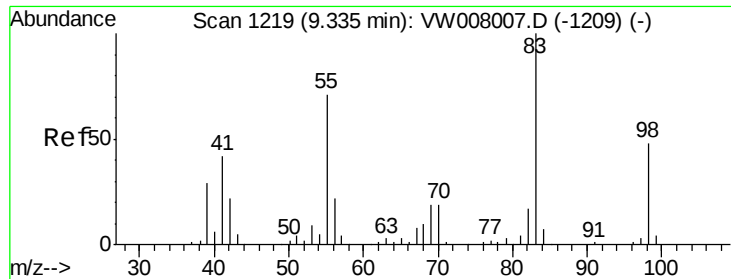
#35
Dibromofluoromethane
Concen: 50.215 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW008069.D
Acq: 07 Jan 2019 15:02

Tgt Ion:113 Resp: 34900
Ion Ratio Lower Upper
113 100
111 102.7 81.4 122.0
192 18.4 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

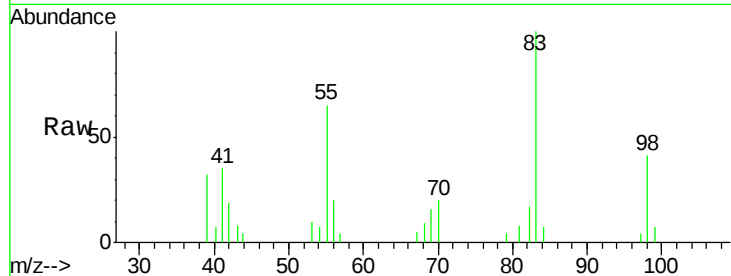




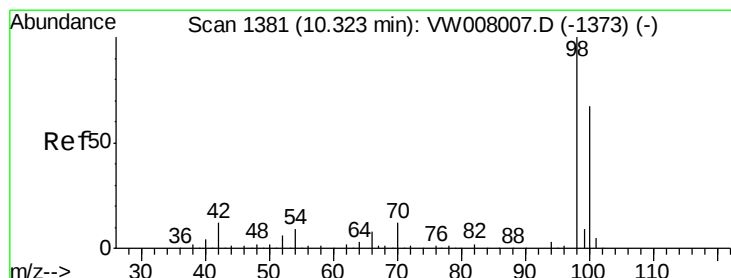
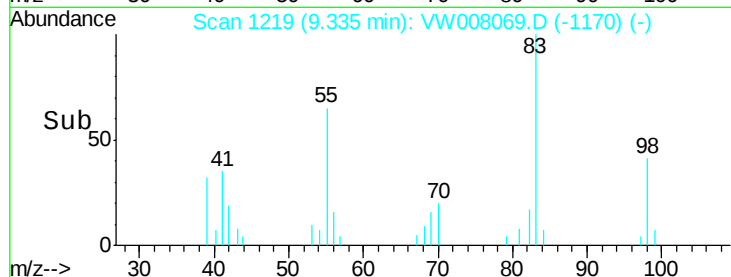
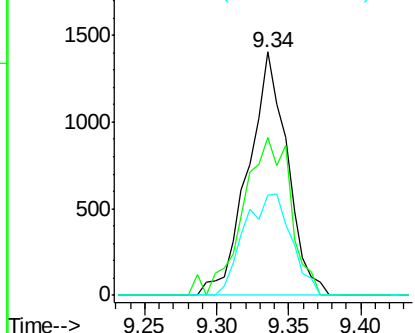
#39
Methylcyclohexane
Concen: 1.963 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008069.D
Acq: 07 Jan 2019 15:02

Instrument :
MSVOA_W
ClientSampleId :
EO-02-010419-C

Tot Ion: 83 Resp: 2661
Ion Ratio Lower Upper
83 100
55 65.0 56.8 85.2
98 41.4 38.6 58.0

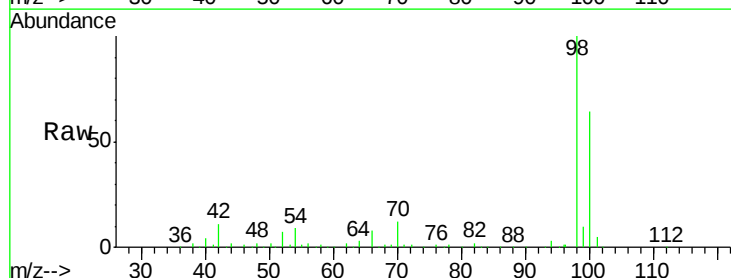


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

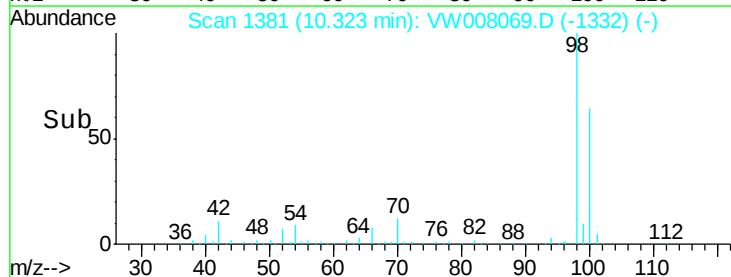
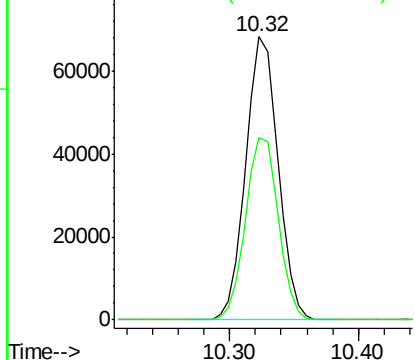


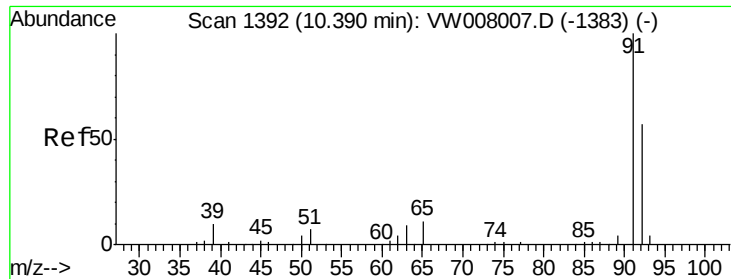
#50
Toluene-d8
Concen: 45.406 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008069.D
Acq: 07 Jan 2019 15:02

Tgt Ion: 98 Resp: 118382
Ion Ratio Lower Upper
98 100
100 65.1 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: 2.915 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.00 min

Lab File: VW008069.D

Acq: 07 Jan 2019 15:02

Instrument :

MSVOA_W

ClientSampleId :

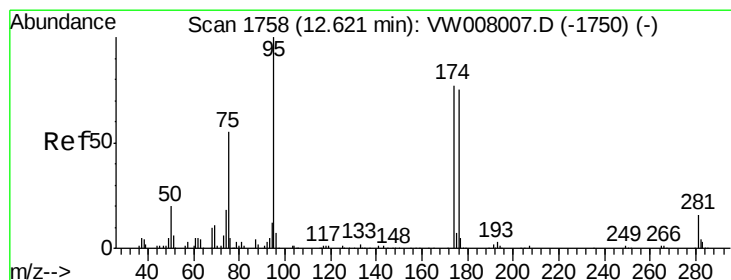
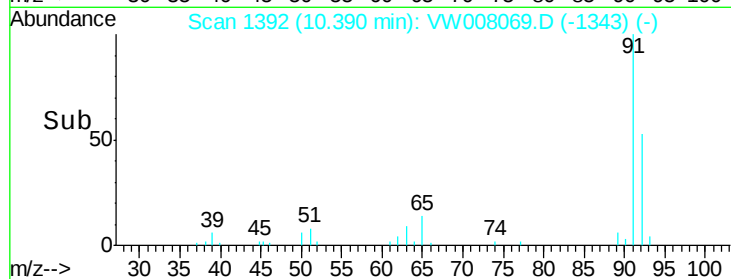
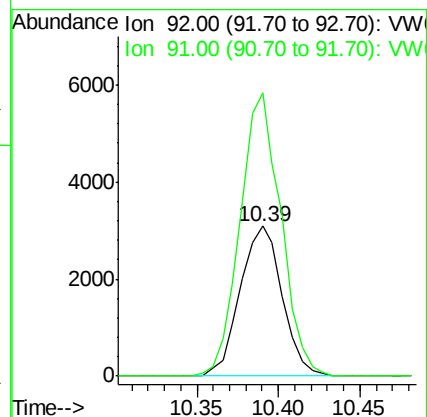
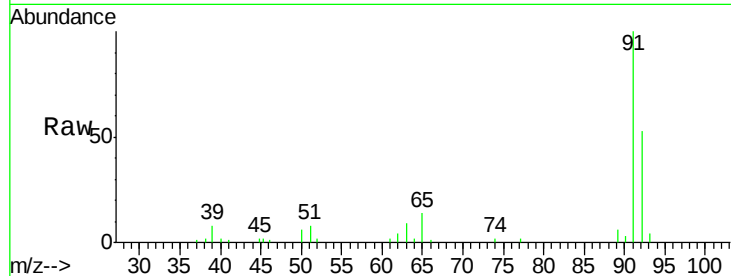
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Tot Ion: 92 Resp: 5521

Ion Ratio Lower Upper

92 100

91 183.8 136.9 205.3



#62

4-Bromofluorobenzene

Concen: 35.903 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008069.D

Acq: 07 Jan 2019 15:02

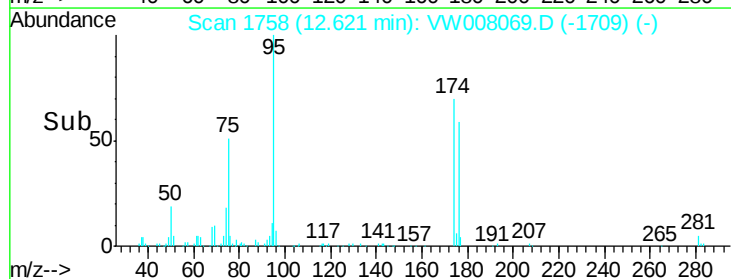
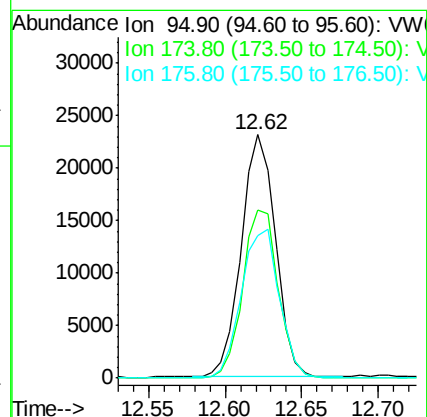
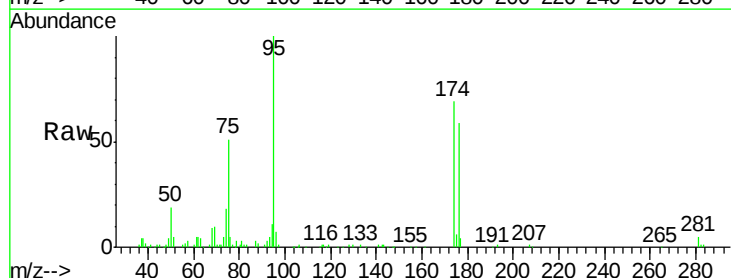
Tgt Ion: 95 Resp: 35898

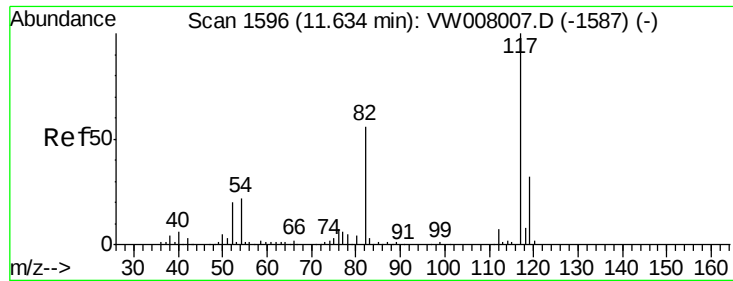
Ion Ratio Lower Upper

95 100

174 72.0 0.0 149.6

176 68.0 0.0 145.4

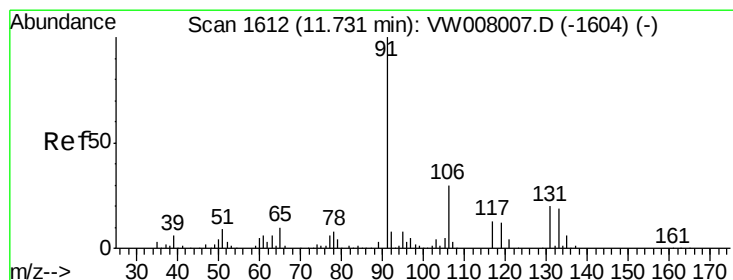
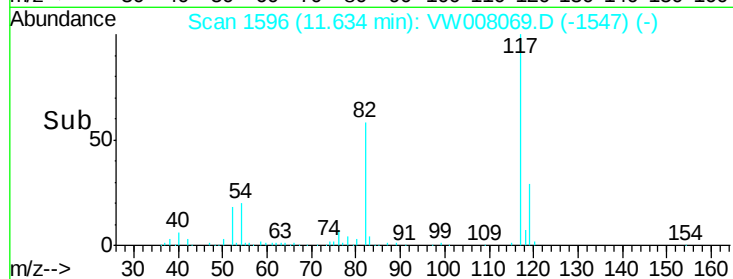
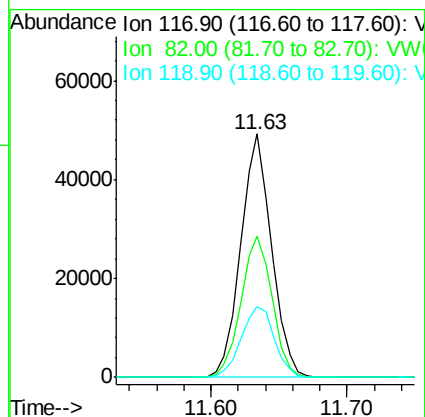
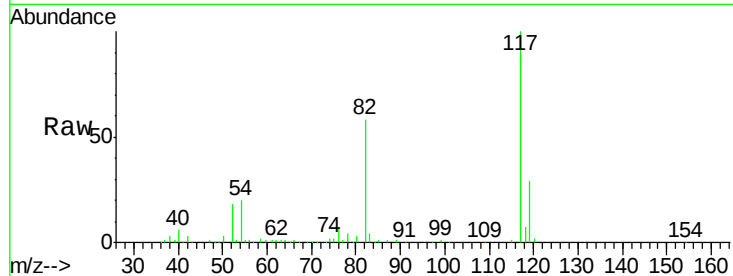




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008069.D
Acq: 07 Jan 2019 15:02

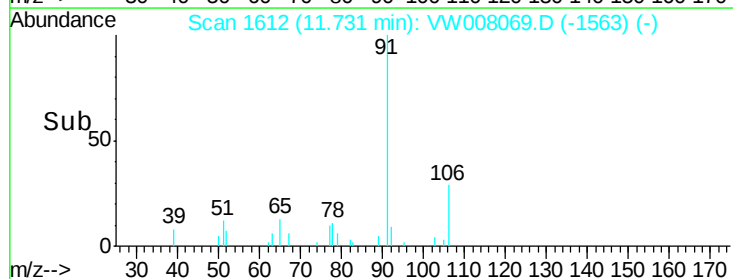
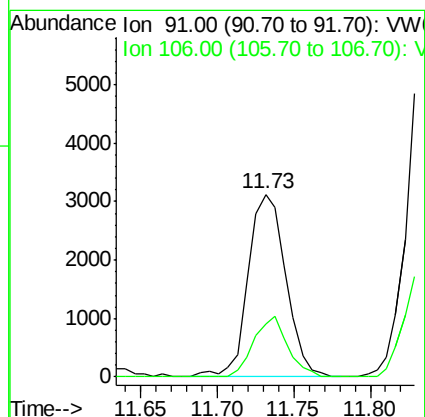
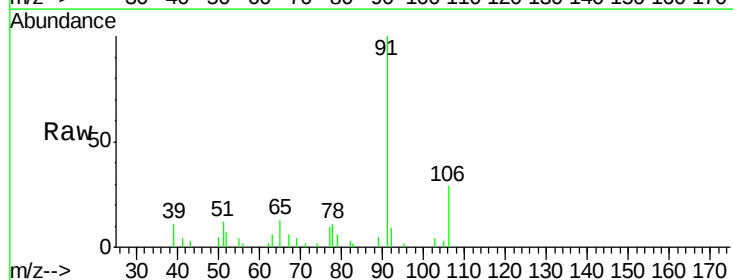
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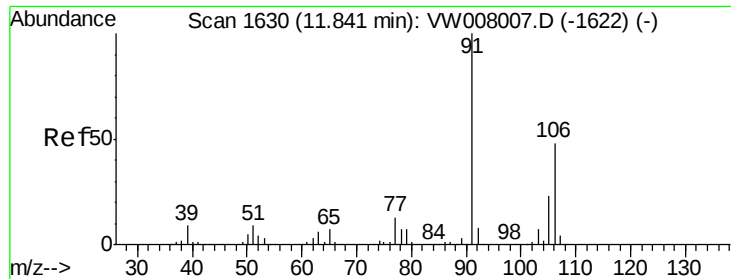
Tot Ion:117 Resp: 77554
Ion Ratio Lower Upper
117 100
82 57.9 44.8 67.2
119 29.0 25.6 38.4



#67
Ethyl Benzene
Concen: 1.820 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008069.D
Acq: 07 Jan 2019 15:02

Tgt Ion: 91 Resp: 5354
Ion Ratio Lower Upper
91 100
106 29.3 24.3 36.5

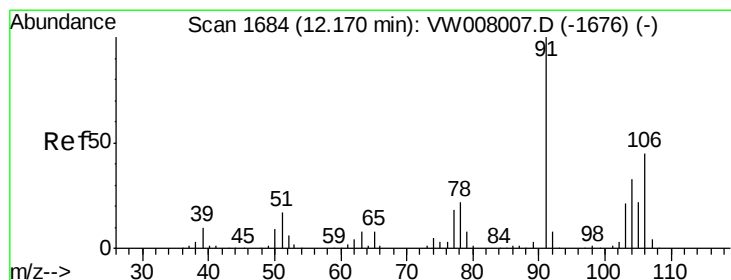
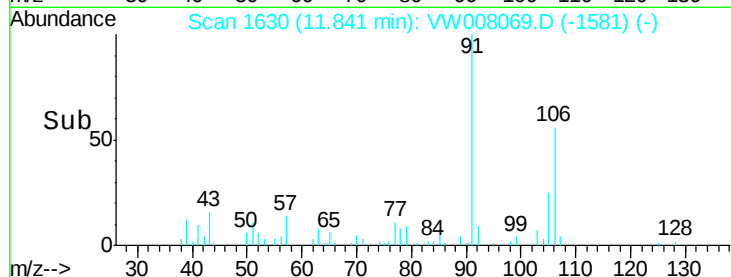
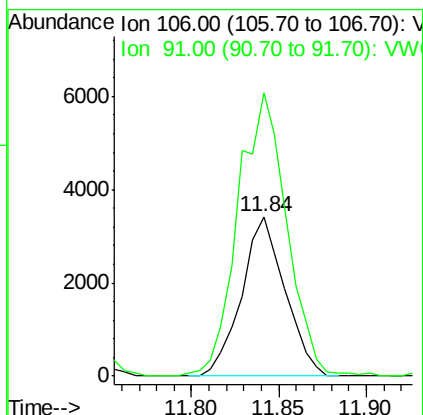
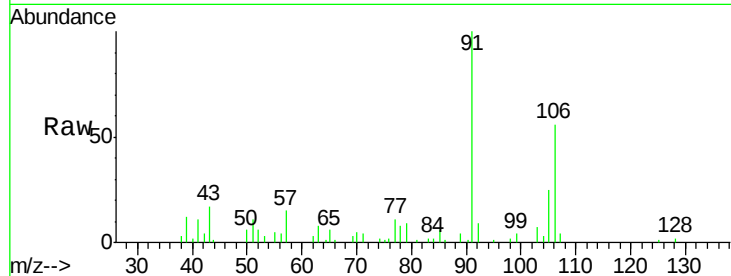




#68
m/p-Xylenes
Concen: 5.179 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008069.D
Acq: 07 Jan 2019 15:02

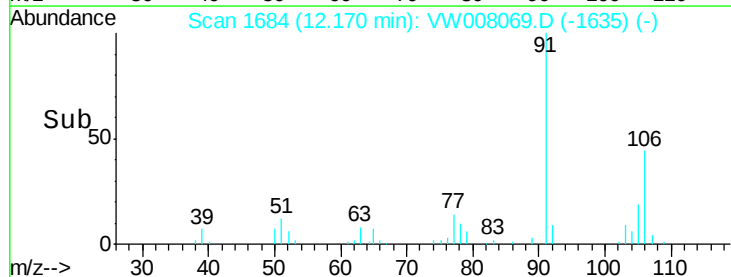
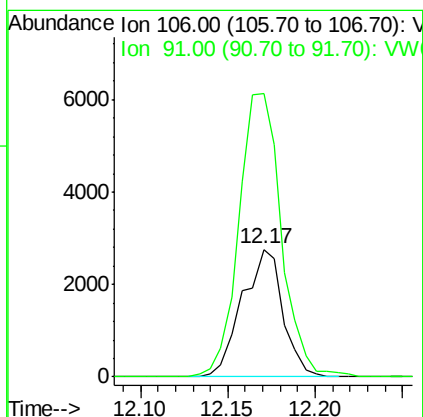
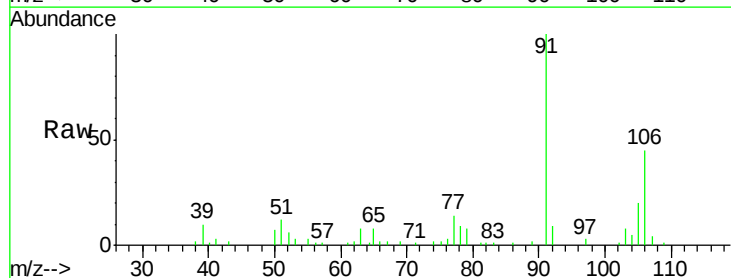
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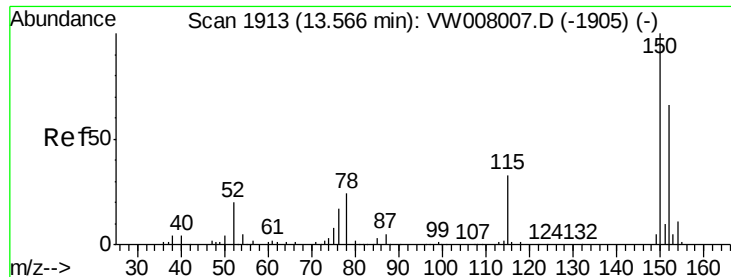
Tot Ion:106 Resp: 5891
Ion Ratio Lower Upper
106 100
91 200.1 165.8 248.8



#69
o-Xylene
Concen: 4.256 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008069.D
Acq: 07 Jan 2019 15:02

Tgt Ion:106 Resp: 4504
Ion Ratio Lower Upper
106 100
91 230.7 110.6 331.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. 0.00 min

Lab File: VW008069.D

Acq: 07 Jan 2019 15:02

Instrument :

MSVOA_W

ClientSampleId :

EO-02-010419-C

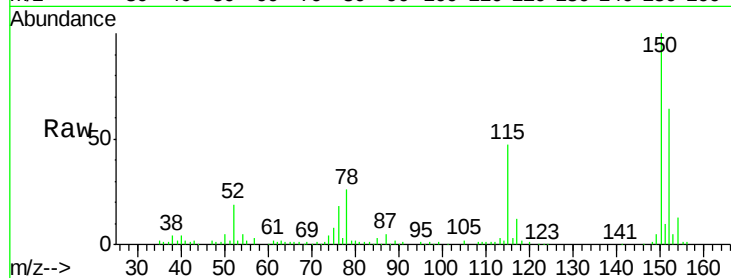
Tot Ion:152 Resp: 25488

Ion Ratio Lower Upper

152 100

115 68.9 32.1 96.5

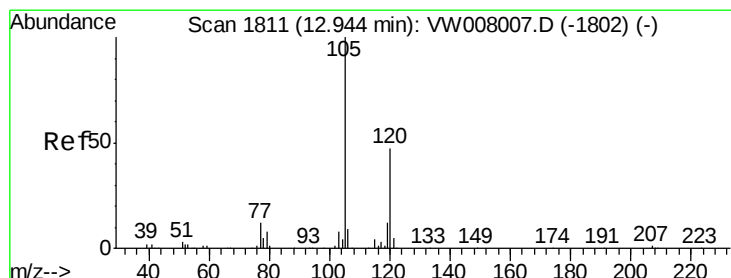
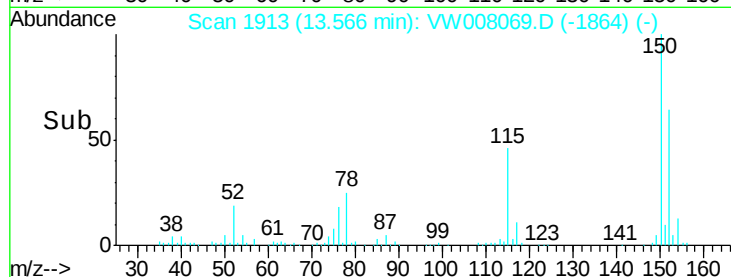
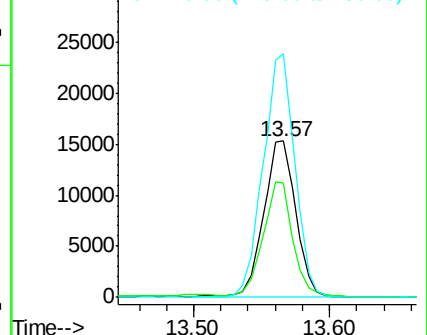
150 153.2 0.0 345.0



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: 3.311 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008069.D

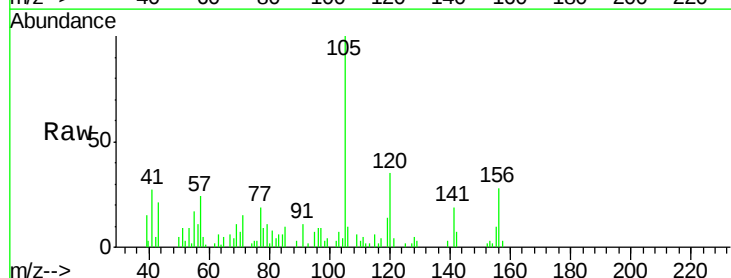
Acq: 07 Jan 2019 15:02

Tgt Ion:105 Resp: 5777

Ion Ratio Lower Upper

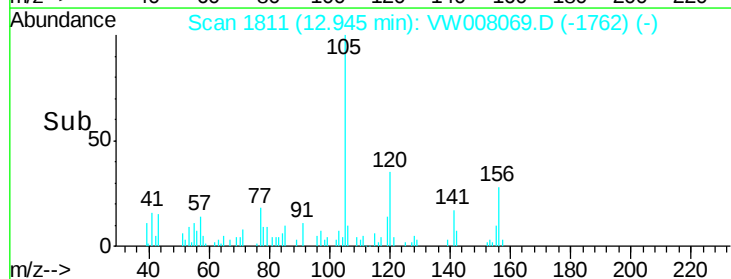
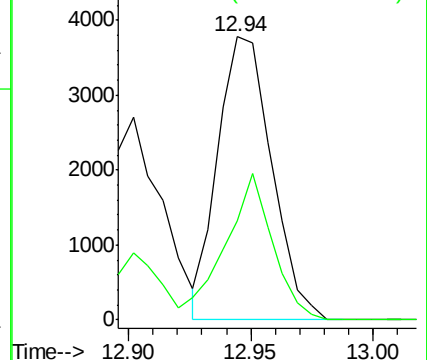
105 100

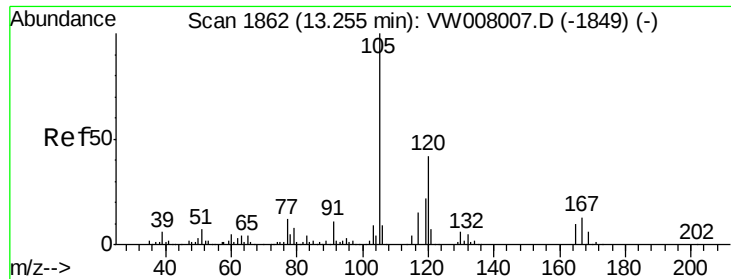
120 45.9 23.3 69.9



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: 4.595 ug/l

RT: 13.26 min Scan# 1862

Delta R.T. 0.00 min

Lab File: VW008069.D

Acq: 07 Jan 2019 15:02

Instrument :

MSVOA_W

ClientSampleId :

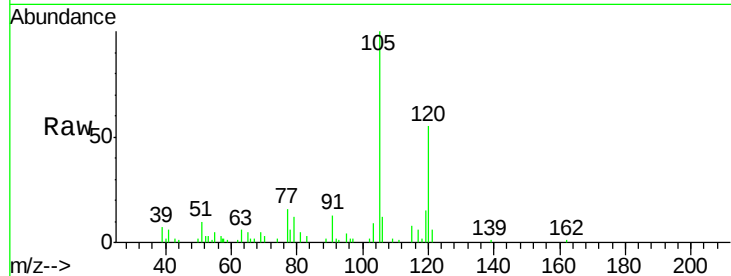
EO-02-010419-C

Tot Ion:105 Resp: 8119

Ion Ratio Lower Upper

105 100

120 46.9 21.5 64.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

13.26

5000

4000

3000

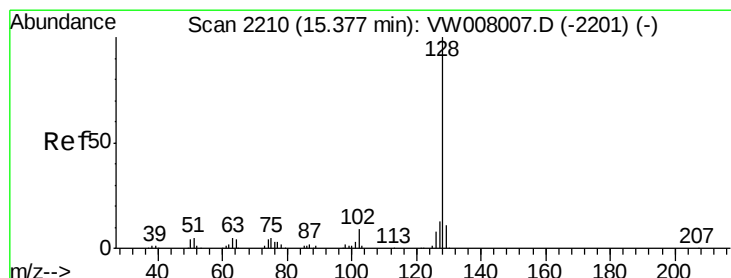
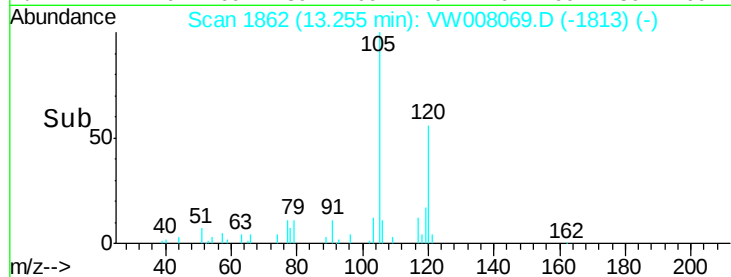
2000

1000

0

Time-->

13.20 13.25 13.30



#95

Naphthalene

Concen: 38.378 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.00 min

Lab File: VW008069.D

Acq: 07 Jan 2019 15:02

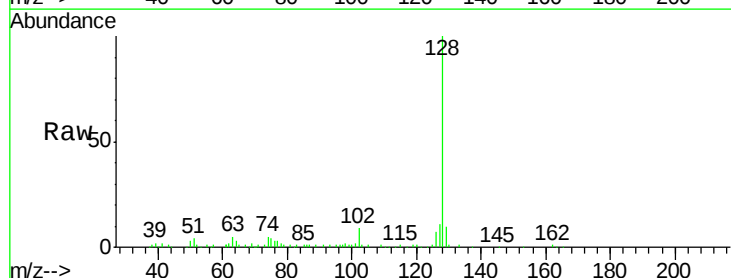
Tgt Ion:128 Resp: 35458

Ion Ratio Lower Upper

128 100

127 13.6 10.8 16.2

129 11.1 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

15.38

25000

20000

15000

10000

5000

0

Time-->

15.30 15.40 15.50

