

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW021419\
 Data File : VW008664.D
 Acq On : 14 Feb 2019 14:20
 Operator : SY/VA
 Sample : K1350-07
 Misc : 5.68G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EO-02-021319-B

Quant Time: Feb 15 03:26:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W021319S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 14 04:06:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	400847	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	606125	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	522942	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	249753	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	211948	50.86	ug/l	0.00
Spiked Amount			Recovery	=	101.72%	
35) Dibromofluoromethane	7.88	113	187421	49.80	ug/l	0.00
Spiked Amount			Recovery	=	99.60%	
50) Toluene-d8	10.32	98	716649	49.40	ug/l	0.00
Spiked Amount			Recovery	=	98.80%	
62) 4-Bromofluorobenzene	12.62	95	244007	44.65	ug/l	0.00
Spiked Amount			Recovery	=	89.30%	

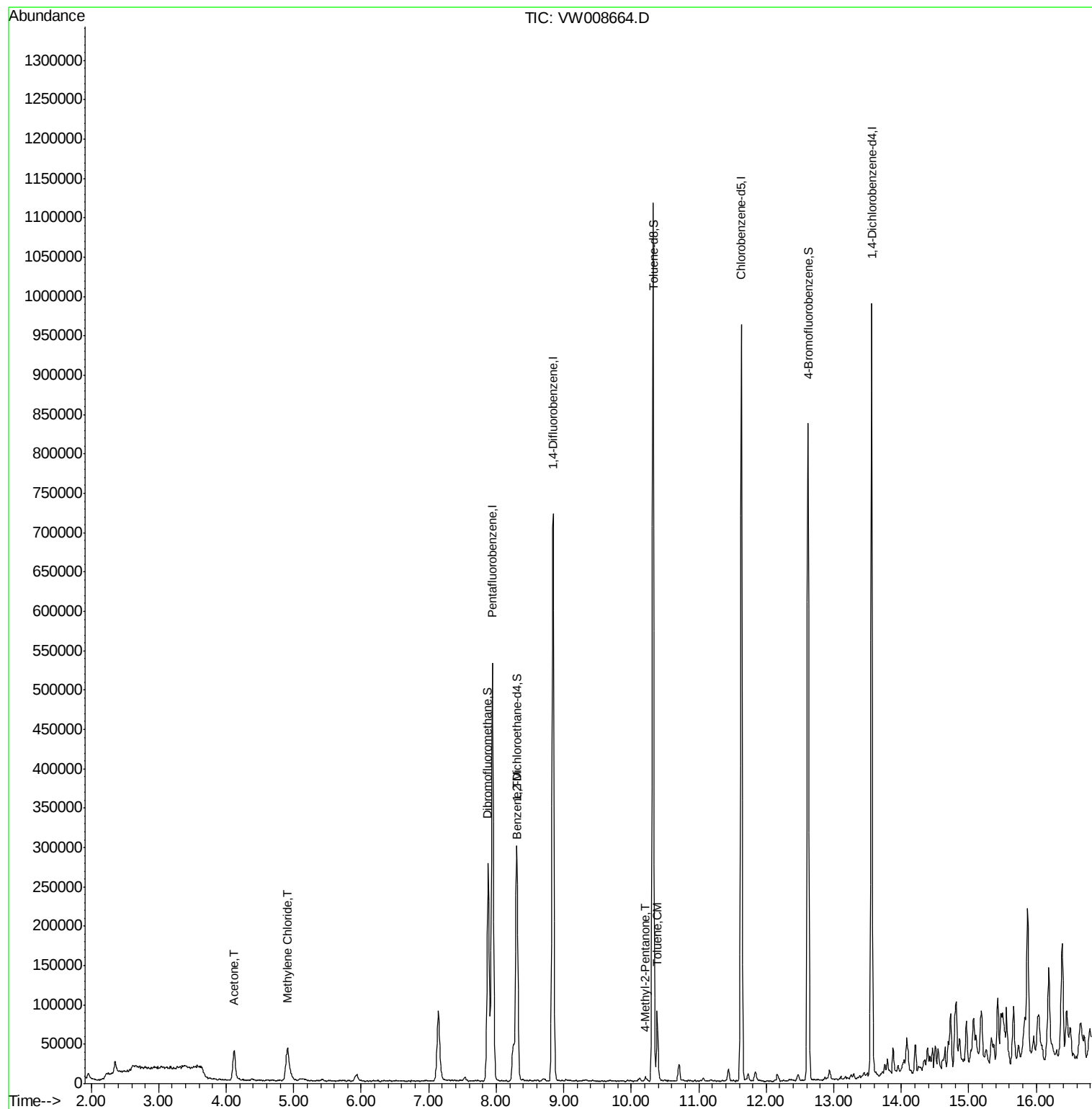
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	4.12	43	64867	68.403	ug/l	98
20) Methylene Chloride	4.91	84	36365	1.717	ug/l	85
40) Benzene	8.32	78	19446	1.169	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	3940	1.309	ug/l	91
52) Toluene	10.38	92	35491	3.308	ug/l	97

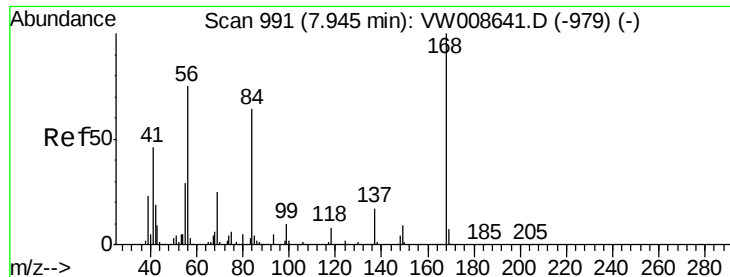
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW021419\
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EO-02-021319-B

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Quant Title : SW846 8260
QLast Update : Thu Feb 14 04:06:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008664.D

Acq: 14 Feb 2019 14:20

Instrument :

MSVOA_W

ClientSampleId :

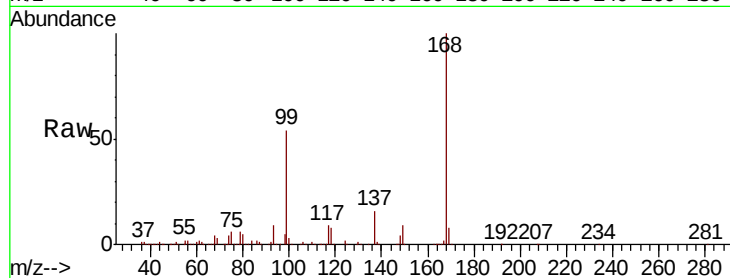
EO-02-021319-B

Tot Ion:168 Resp: 400847

Ion Ratio Lower Upper

168 100

99 53.7 42.8 64.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

150000

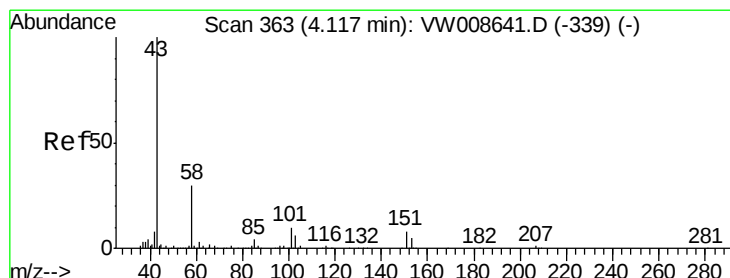
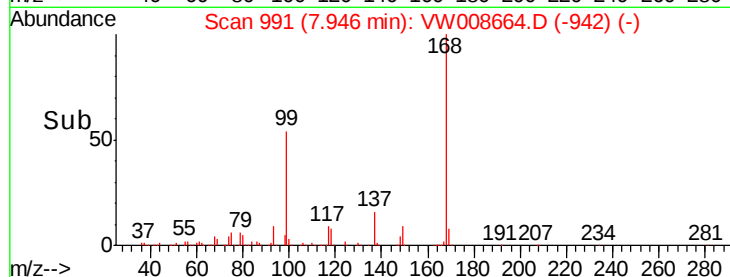
100000

50000

0

7.90 8.00

Time-->



#16

Acetone

Concen: 68.403 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW008664.D

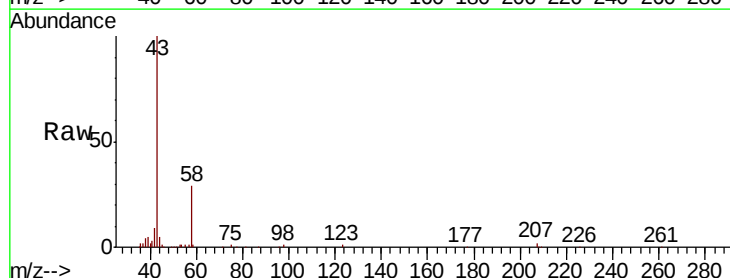
Acq: 14 Feb 2019 14:20

Tgt Ion: 43 Resp: 64867

Ion Ratio Lower Upper

43 100

58 29.1 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

25000

20000

15000

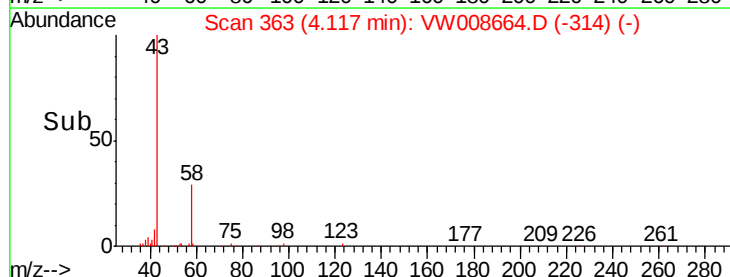
10000

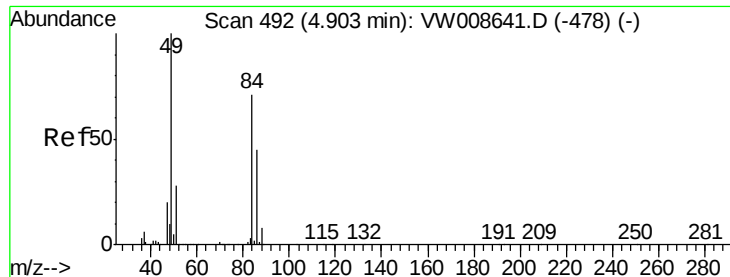
5000

0

4.00 4.10 4.20

Time-->

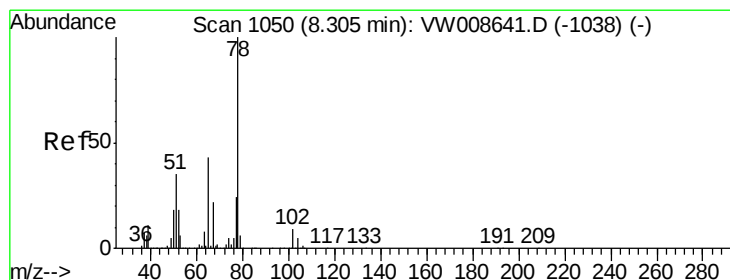
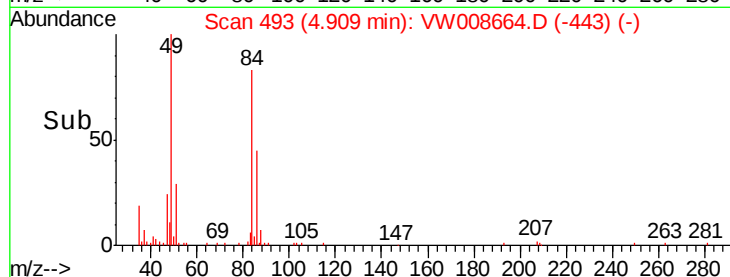
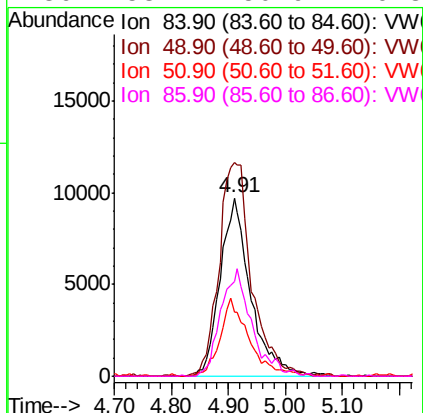
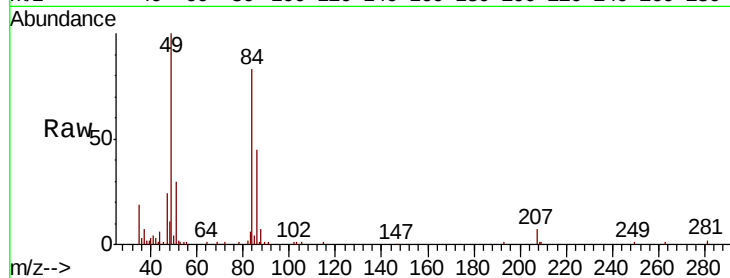




#20
Methylene Chloride
Concen: 1.717 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.01 min
Lab File: VW008664.D
Acq: 14 Feb 2019 14:20

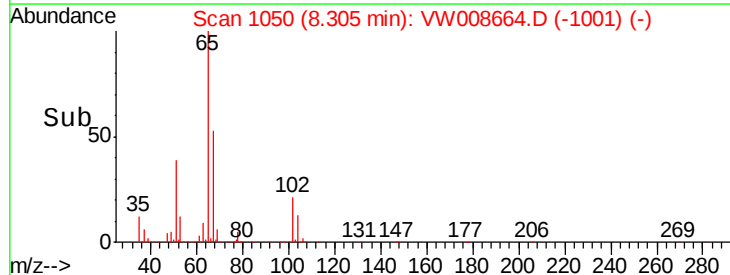
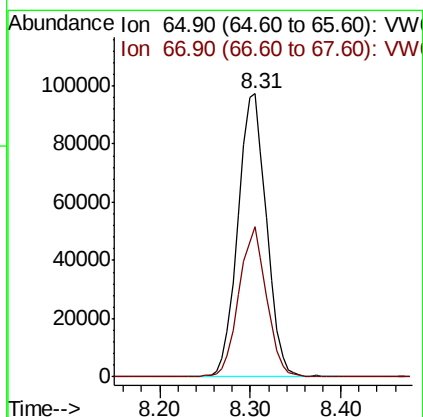
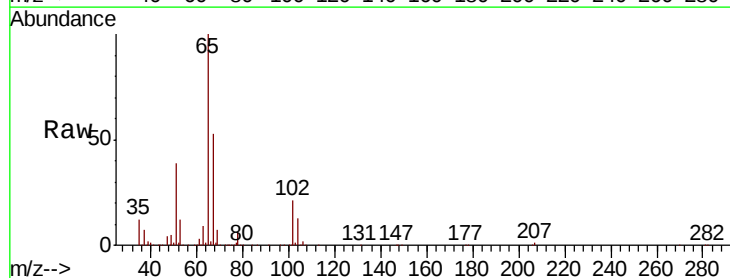
Instrument :
MSVOA_W
ClientSampleId :
EO-02-021319-B

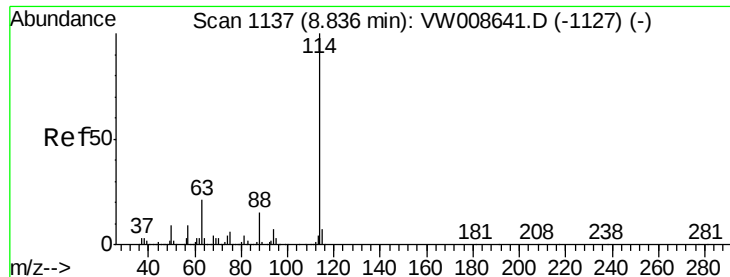
Tot Ion: 84 Resp: 36365
Ion Ratio Lower Upper
84 100
49 120.0 113.3 169.9
51 35.8 32.1 48.1
86 53.4 50.9 76.3



#33
1,2-Dichloroethane-d4
Concen: 50.859 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008664.D
Acq: 14 Feb 2019 14:20

Tgt Ion: 65 Resp: 211948
Ion Ratio Lower Upper
65 100
67 51.2 0.0 102.0

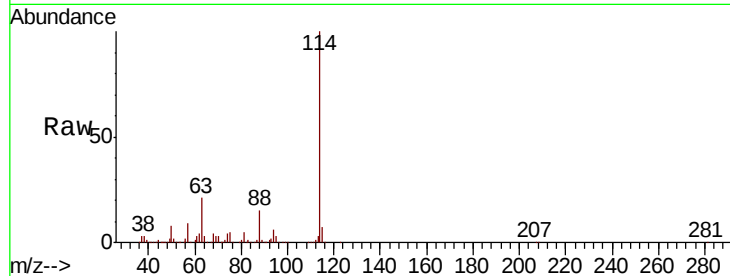




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.01 min
Lab File: VW008664.D
Acq: 14 Feb 2019 14:20

Instrument :
MSVOA_W
ClientSampleId :
EO-02-021319-B

Tot Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	41.2
88	15.0	0.0	29.6

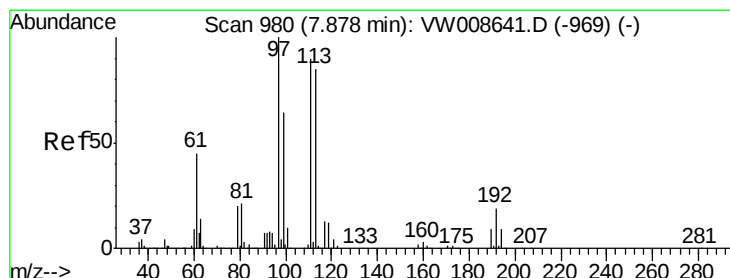
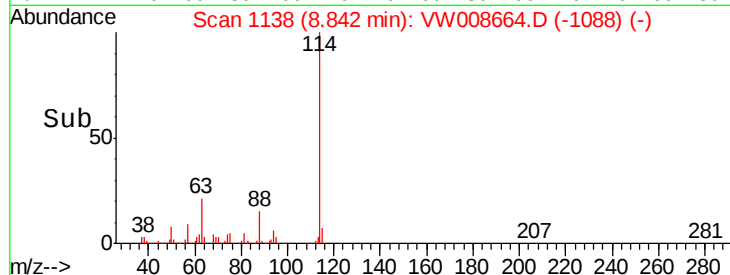
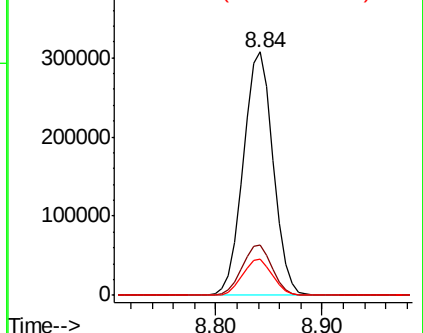


Abundance

Ion 113.90 (113.60 to 114.60): V

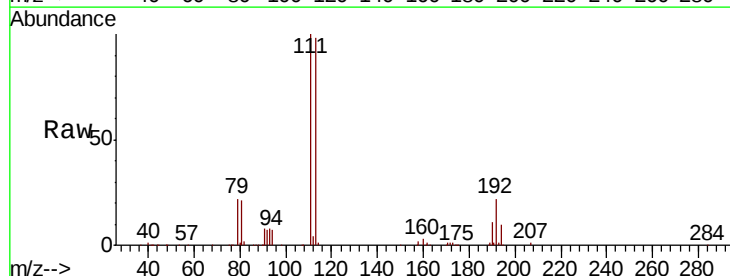
Ion 63.00 (62.70 to 63.70): VV

Ion 87.90 (87.60 to 88.60): VV



#35
Dibromofluoromethane
Concen: 49.798 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW008664.D
Acq: 14 Feb 2019 14:20

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	84.0	126.0
192	21.2	17.4	26.2

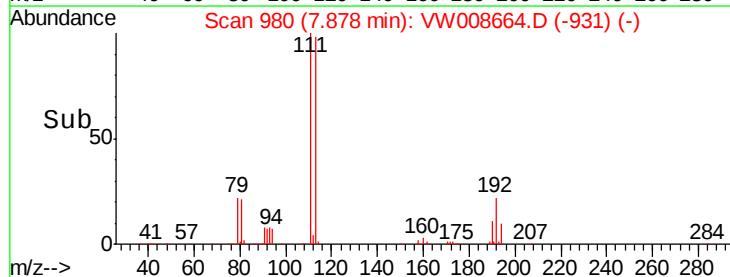
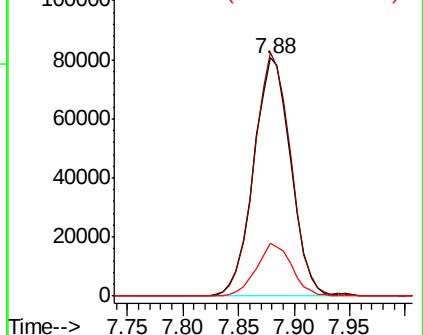


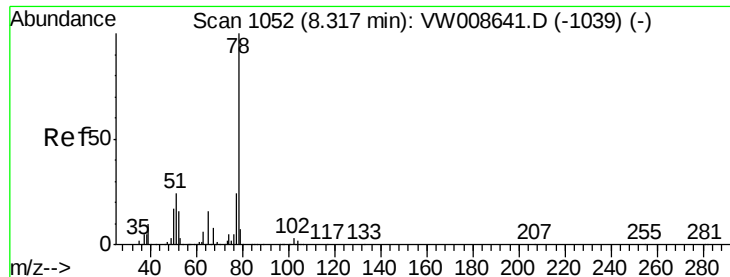
Abundance

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





#40

Benzene

Concen: 1.169 ug/l

RT: 8.32 min Scan# 1052

Delta R.T. 0.00 min

Lab File: VW008664.D

Acq: 14 Feb 2019 14:20

Instrument :

MSVOA_W

ClientSampleId :

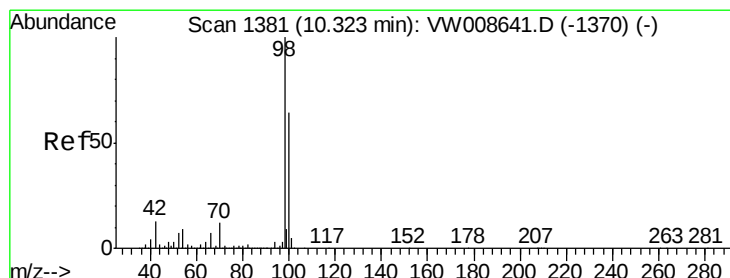
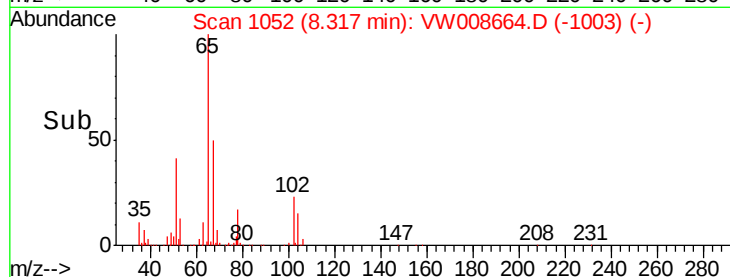
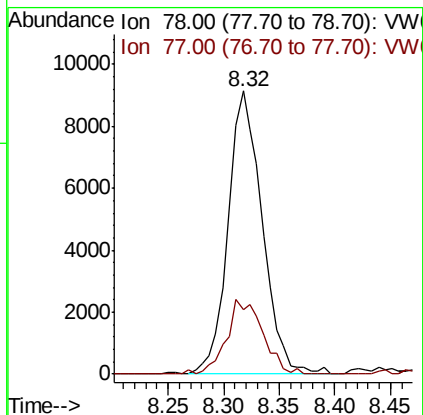
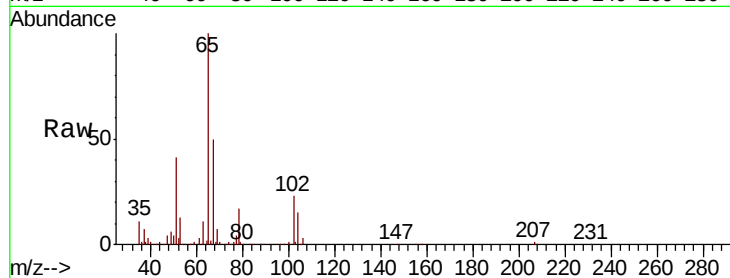
EO-02-021319-B

Tot Ion: 78 Resp: 19446

Ion Ratio Lower Upper

78 100

77 22.8 19.5 29.3



#50

Toluene-d8

Concen: 49.395 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW008664.D

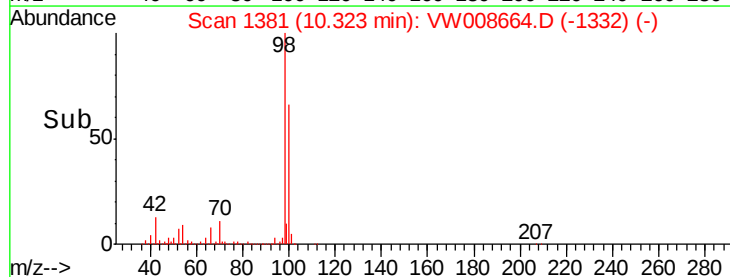
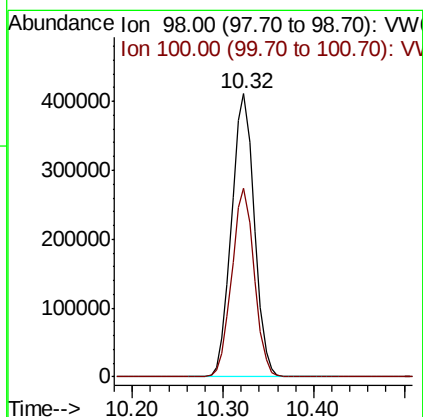
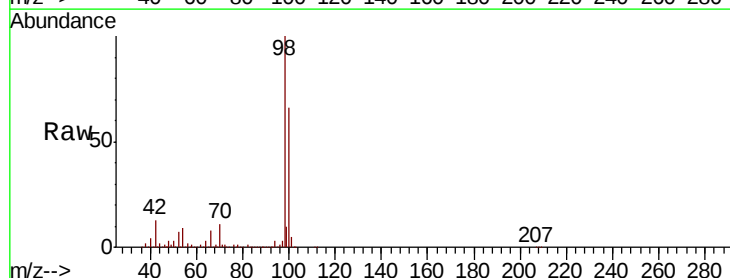
Acq: 14 Feb 2019 14:20

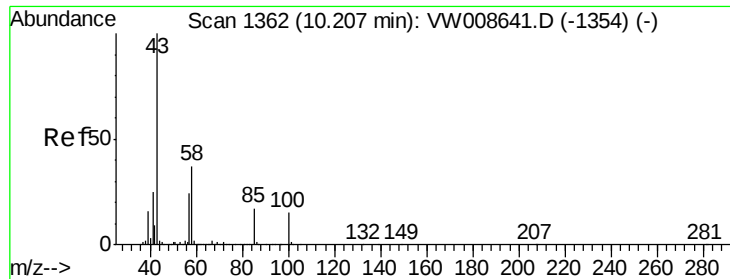
Tgt Ion: 98 Resp: 716649

Ion Ratio Lower Upper

98 100

100 65.7 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 1.309 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. 0.01 min

Lab File: VW008664.D

Acq: 14 Feb 2019 14:20

Instrument :

MSVOA_W

ClientSampled :

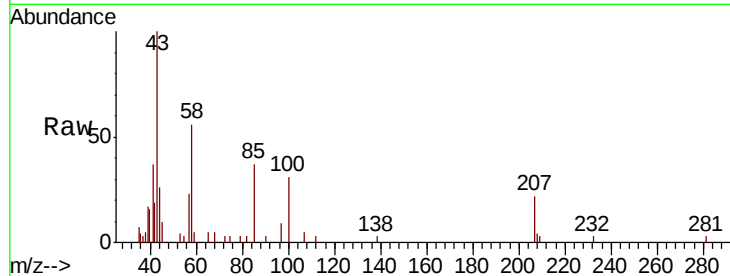
EO-02-021319-B

Tot Ion: 43 Resp: 3940

Ion Ratio Lower Upper

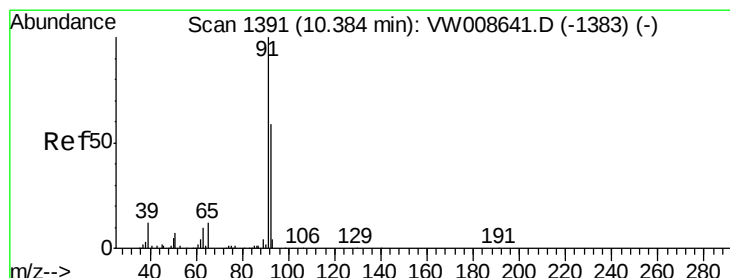
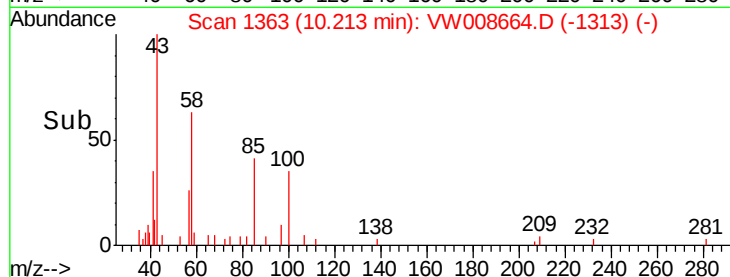
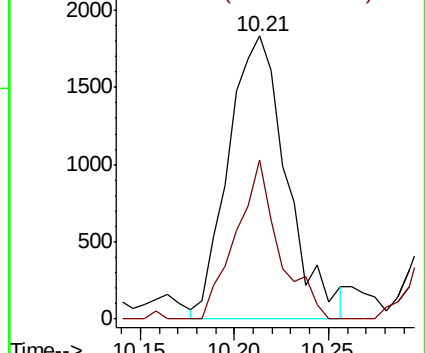
43 100

58 41.5 29.0 43.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#52

Toluene

Concen: 3.308 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW008664.D

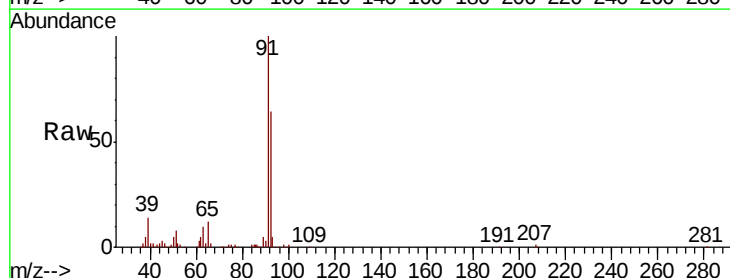
Acq: 14 Feb 2019 14:20

Tgt Ion: 92 Resp: 35491

Ion Ratio Lower Upper

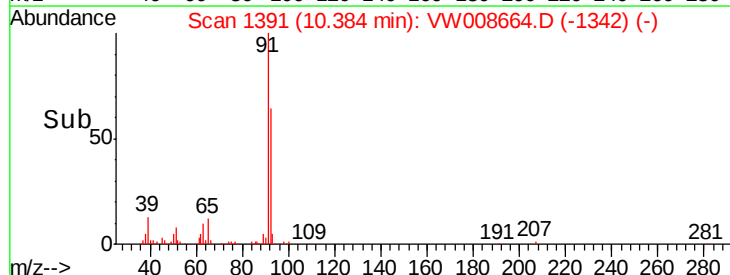
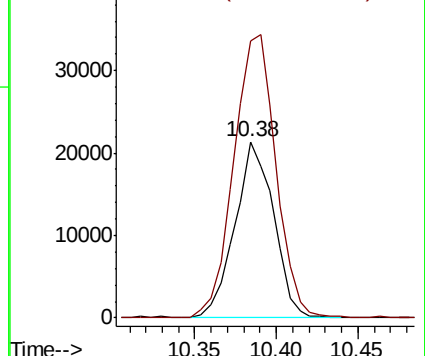
92 100

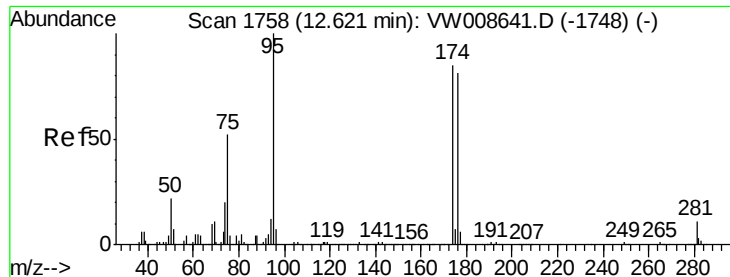
91 174.2 135.8 203.6



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW





#62

4-Bromofluorobenzene

Concen: 44.650 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW008664.D

Acq: 14 Feb 2019 14:20

Instrument :

MSVOA_W

ClientSampleId :

EO-02-021319-B

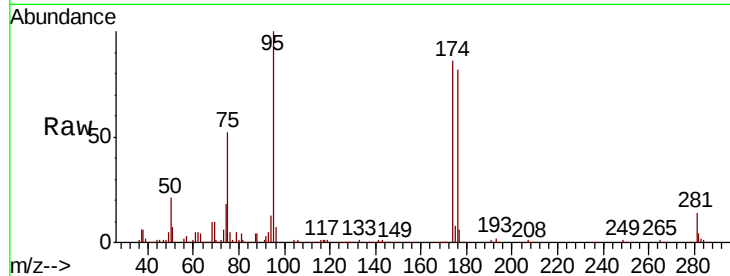
Tot Ion: 95 Resp: 244007

Ion Ratio Lower Upper

95 100

174 85.3 0.0 163.2

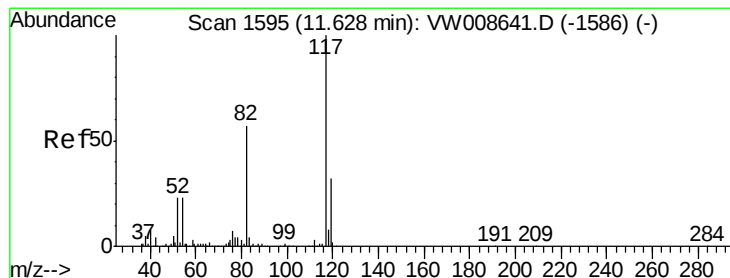
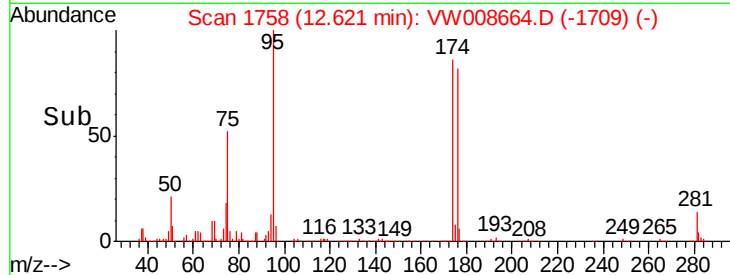
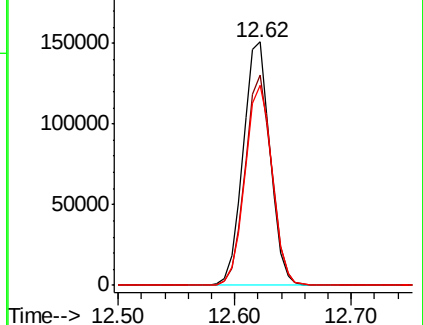
176 83.3 0.0 158.0



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.63 min Scan# 1595

Delta R.T. 0.00 min

Lab File: VW008664.D

Acq: 14 Feb 2019 14:20

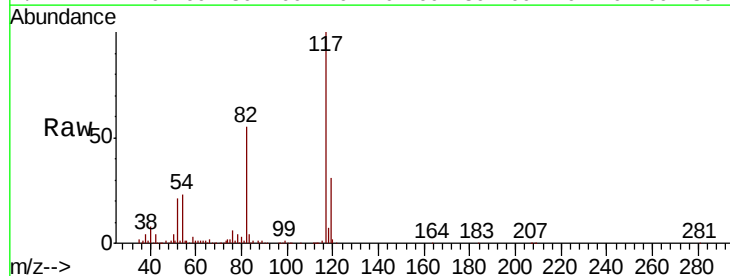
Tgt Ion: 117 Resp: 522942

Ion Ratio Lower Upper

117 100

82 55.0 45.6 68.4

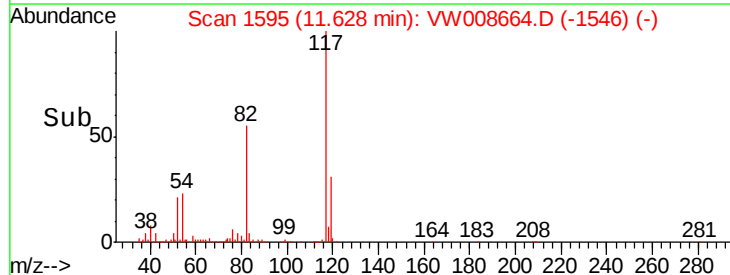
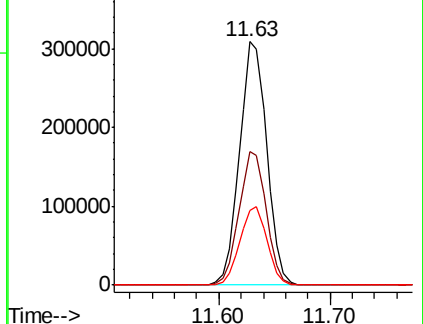
119 30.5 25.7 38.5

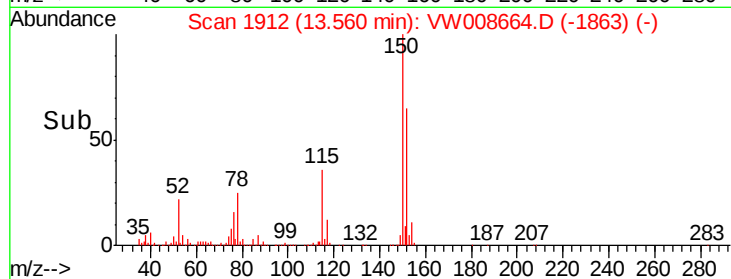
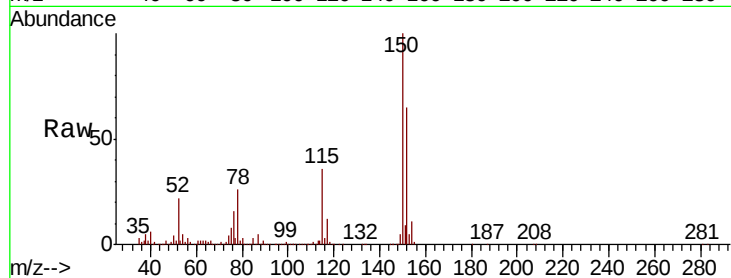
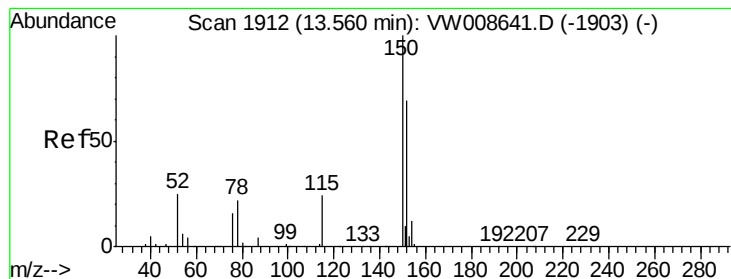


Abundance Ion 116.90 (116.60 to 117.60): VW

Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008664.D

Acq: 14 Feb 2019 14:20

Instrument :

MSVOA_W

ClientSampleId :

EO-02-021319-B

Tot Ion:152 Resp: 249753

Ion Ratio Lower Upper

152 100

115 56.1 29.3 87.8

150 155.9 0.0 352.8

