

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062919\
 Data File : VW011064.D
 Acq On : 28 Jun 2019 16:28
 Operator : SY/VA
 Sample : K3584-02
 Misc : 3.95G/5ML/MSVOA W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-0D015-03-009

Quant Time: Jun 29 03:25:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062819S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 01:55:46 2019
 Response via : Initial Calibration

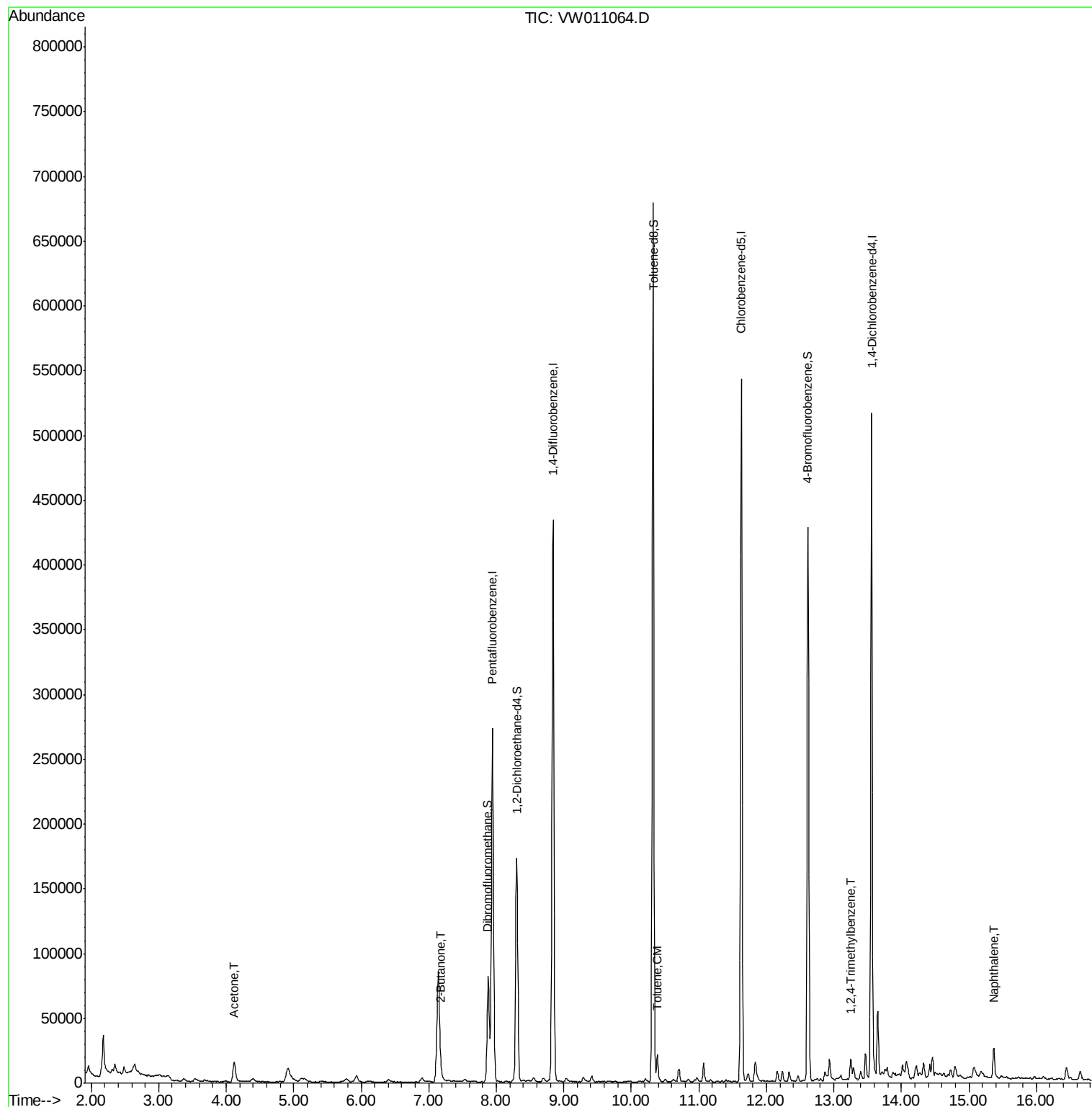
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	192781	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	335004	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	280697	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	120875	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	135731	53.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.72%	
35) Dibromofluoromethane	7.88	113	58379	28.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	57.08%	
50) Toluene-d8	10.32	98	414815	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.52%	
62) 4-Bromofluorobenzene	12.62	95	135971	44.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.30%	
Target Compounds						
16) Acetone	4.12	43	29029	47.190	ug/l	94
25) 2-Butanone	7.18	43	11260	12.042	ug/l	92
52) Toluene	10.39	92	8417	1.388	ug/l	96
84) 1,2,4-Trimethylbenzene	13.25	105	9001	1.160	ug/l	94
95) Naphthalene	15.37	128	19248	4.119	ug/l	98

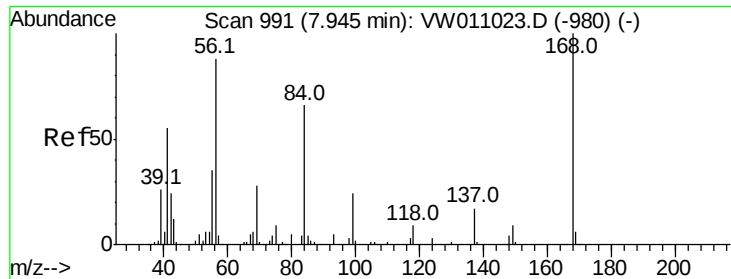
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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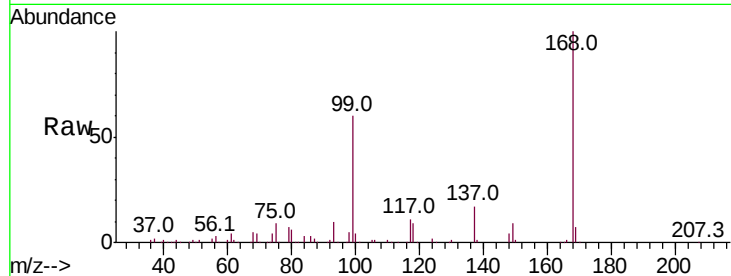


#1

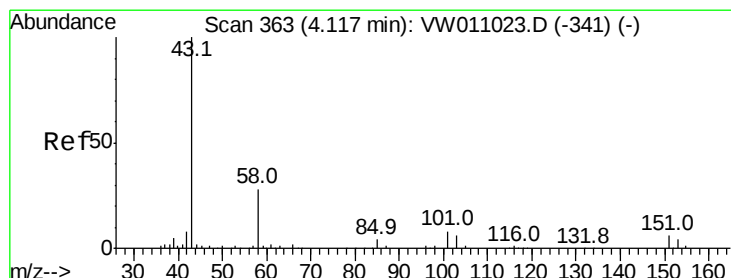
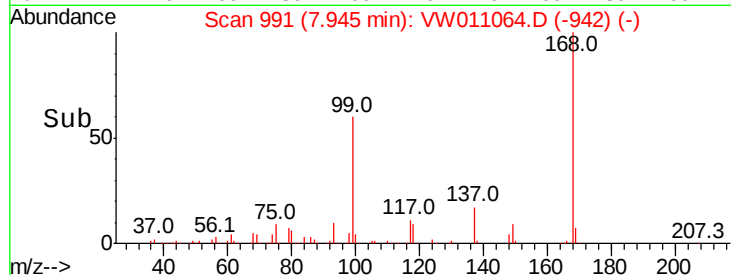
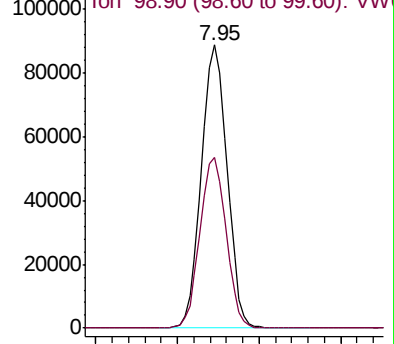
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.95 min Scan# 991
 Delta R.T. -0.00 min
 Lab File: VW011064.D
 Acq: 28 Jun 2019 16:28

Instrument :
 MSVOA_W
 ClientSampleId :
 FK-0D015-03-009

Tot Ion:168 Resp: 192781
 Ion Ratio Lower Upper
 168 100
 99 60.4 47.8 71.6



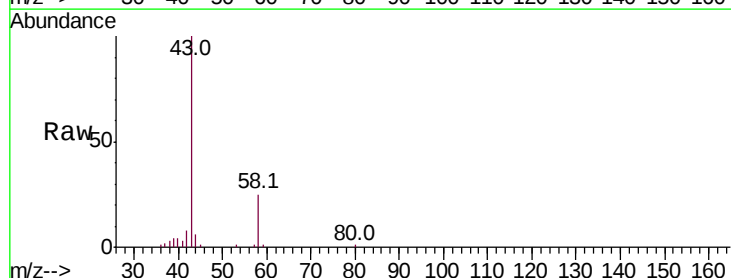
Abundance Ion 167.90 (167.60 to 168.60): V



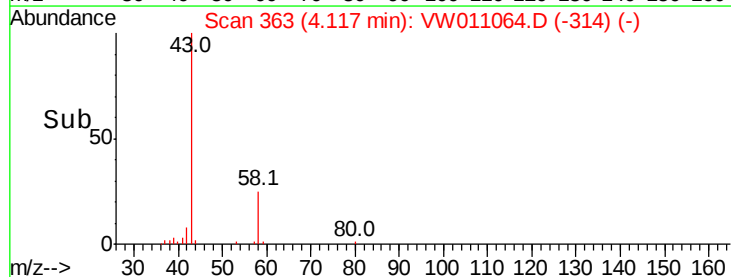
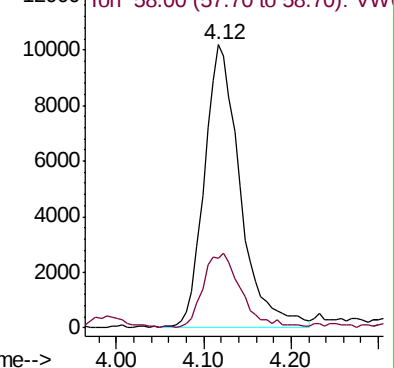
#16

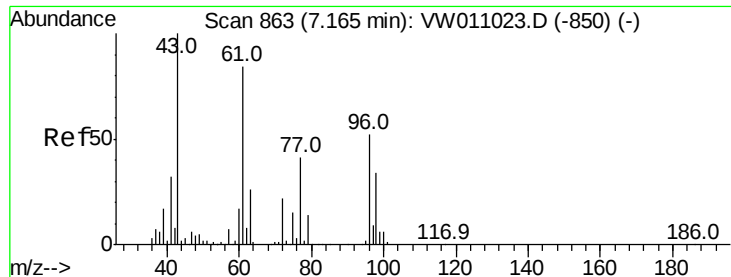
Acetone
 Concen: 47.190 ug/l
 RT: 4.12 min Scan# 363
 Delta R.T. -0.00 min
 Lab File: VW011064.D
 Acq: 28 Jun 2019 16:28

Tgt Ion: 43 Resp: 29029
 Ion Ratio Lower Upper
 43 100
 58 24.7 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VW





#25

2-Butanone

Concen: 12.042 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW011064.D

Acq: 28 Jun 2019 16:28

Instrument :

MSVOA_W

ClientSampleId :

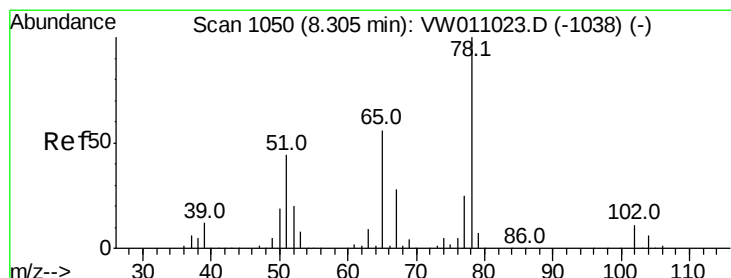
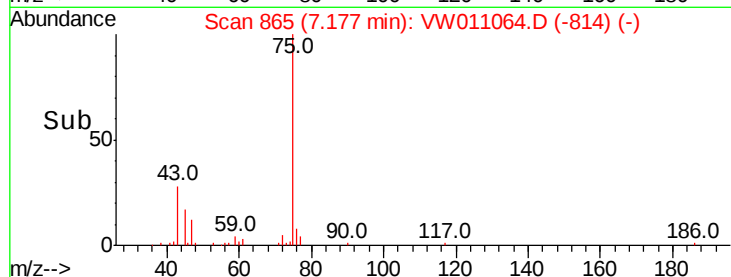
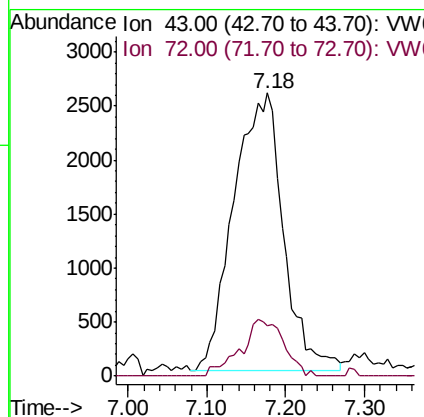
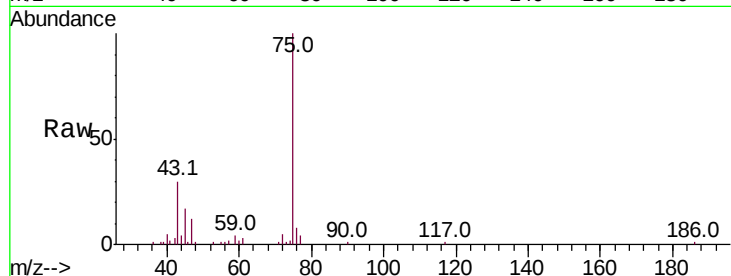
FK-0D015-03-009

Tot Ion: 43 Resp: 11260

Ion Ratio Lower Upper

43 100

72 17.9 17.2 25.8



#33

1,2-Dichloroethane-d4

Concen: 53.858 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011064.D

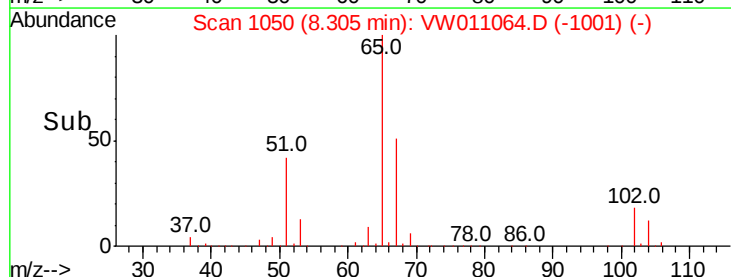
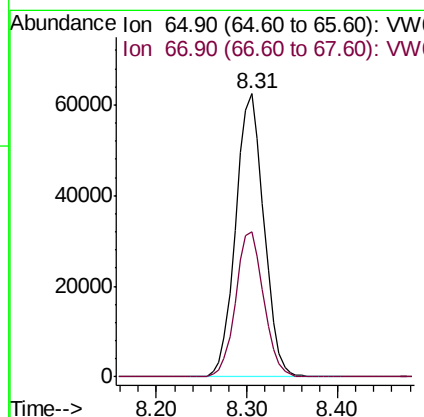
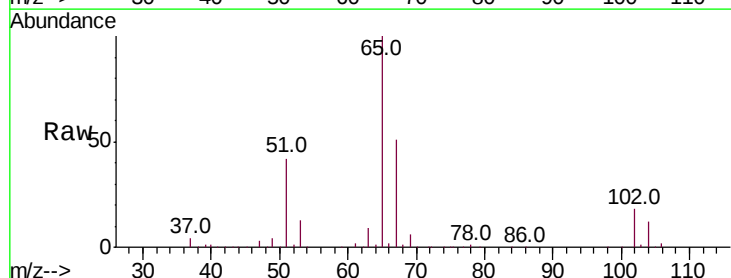
Acq: 28 Jun 2019 16:28

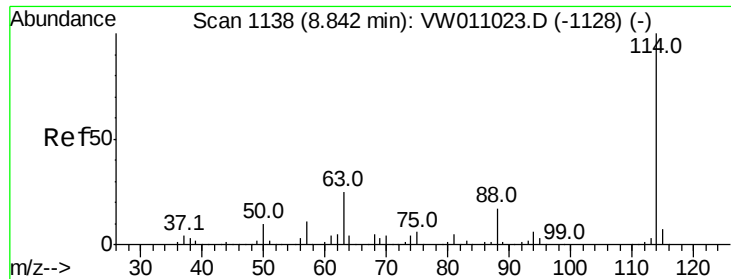
Tgt Ion: 65 Resp: 135731

Ion Ratio Lower Upper

65 100

67 51.0 0.0 102.4

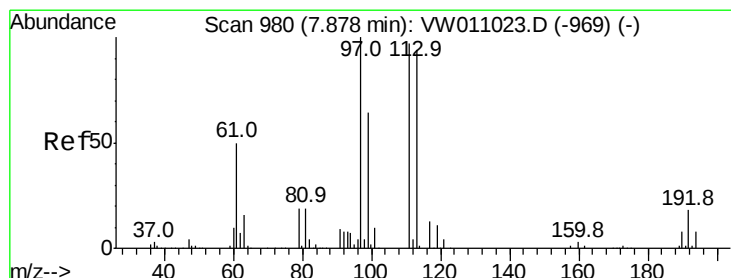
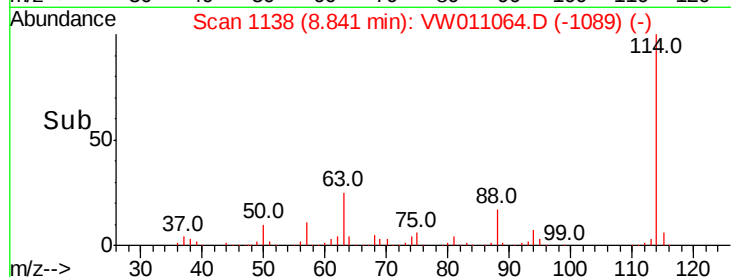
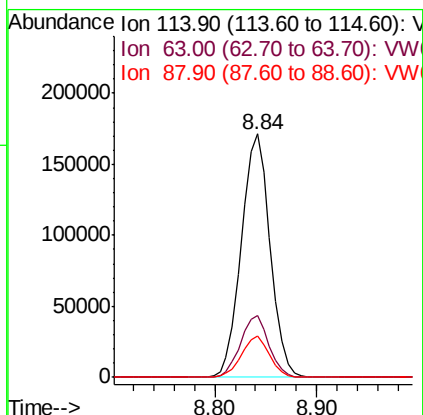
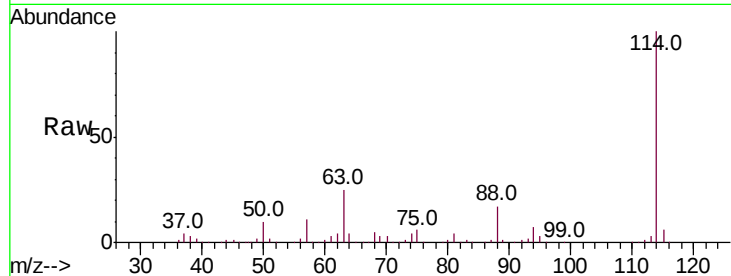




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011064.D
 Acq: 28 Jun 2019 16:28

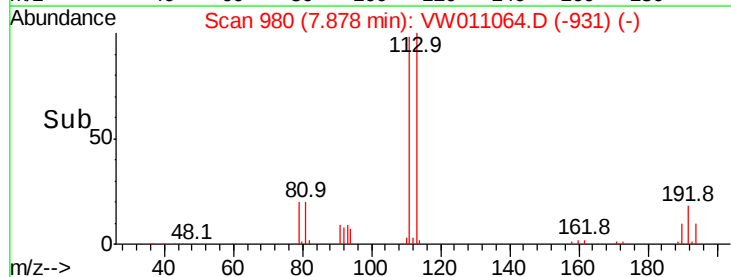
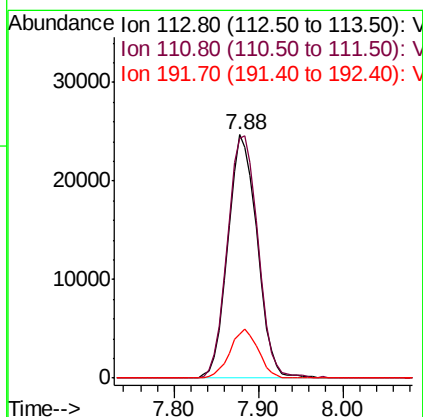
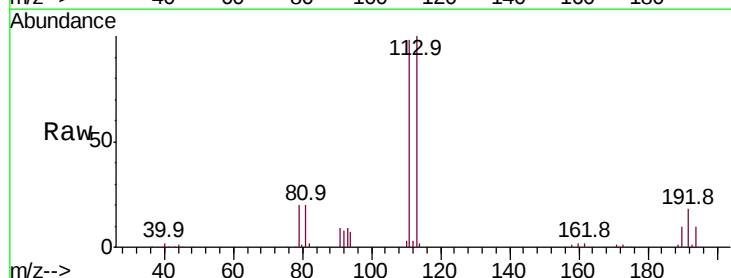
Instrument :
 MSVOA_W
 ClientSampleId :
 FK-0D015-03-009

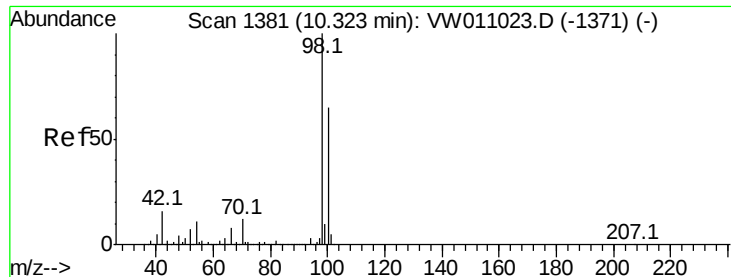
Tot Ion	Ratio	Lower	Upper
114	100		
63	25.4	0.0	50.6
88	17.0	0.0	34.0



#35
 Dibromofluoromethane
 Concen: 28.538 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW011064.D
 Acq: 28 Jun 2019 16:28

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.9	83.8	125.6
192	19.3	16.0	24.0





#50

Toluene-d8

Concen: 49.262 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW011064.D

Acq: 28 Jun 2019 16:28

Instrument :

MSVOA_W

ClientSampleId :

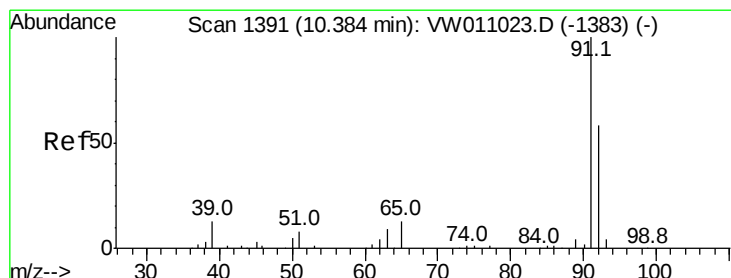
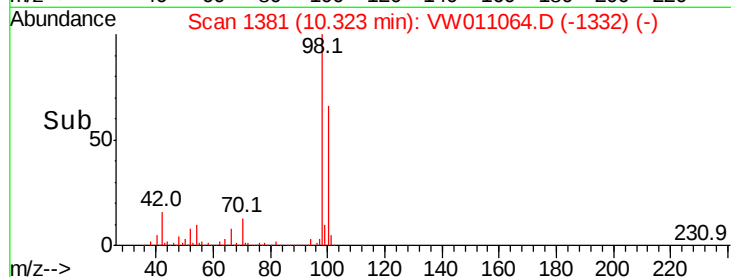
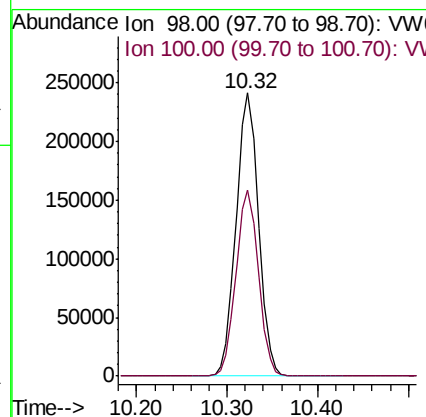
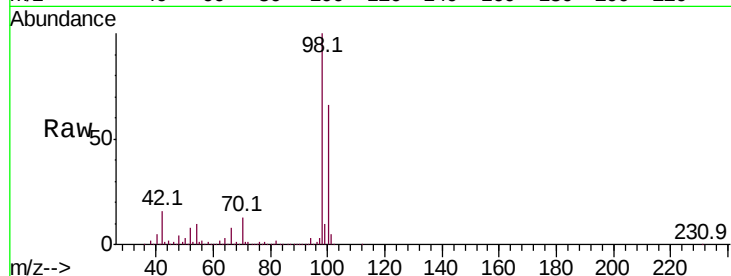
FK-0D015-03-009

Tot Ion: 98 Resp: 414815

Ion Ratio Lower Upper

98 100

100 66.0 52.3 78.5



#52

Toluene

Concen: 1.388 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW011064.D

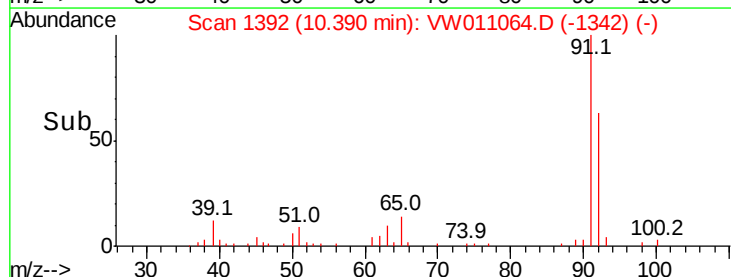
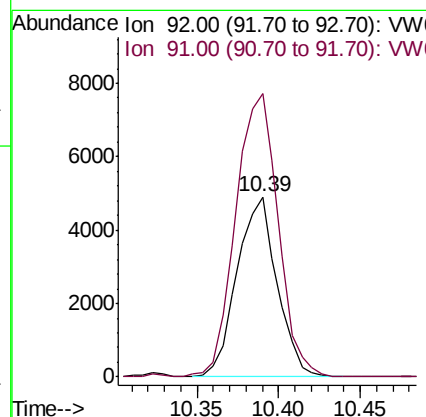
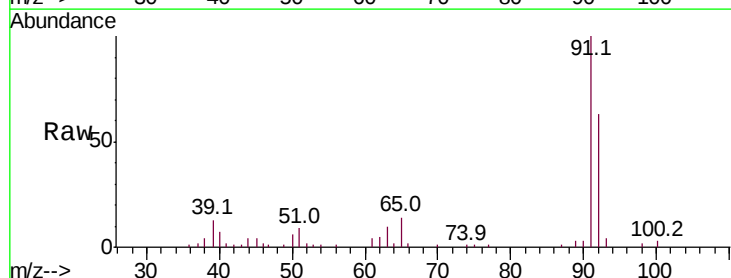
Acq: 28 Jun 2019 16:28

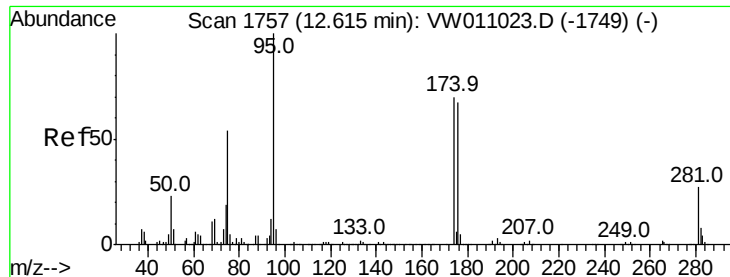
Tgt Ion: 92 Resp: 8417

Ion Ratio Lower Upper

92 100

91 166.1 136.9 205.3

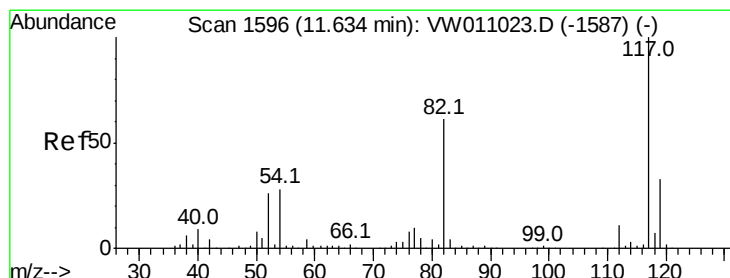
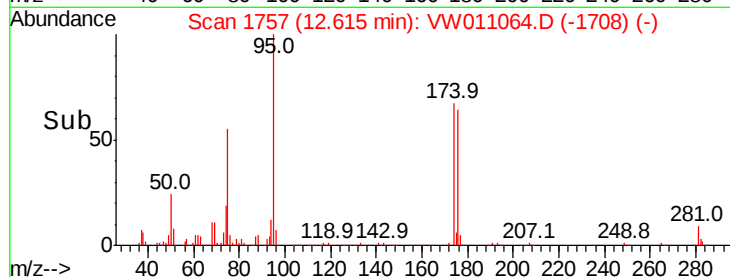
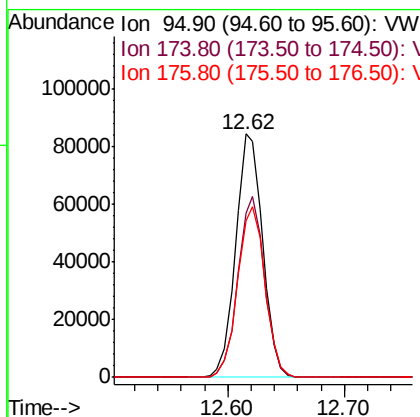
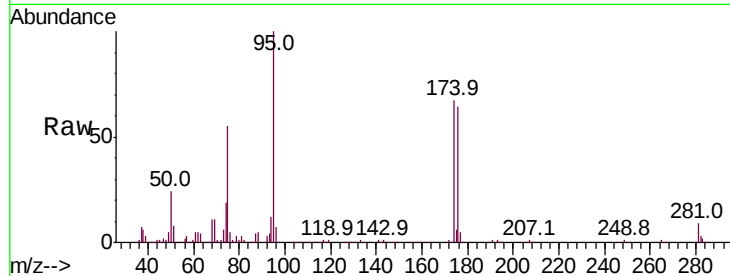




#62
4-Bromofluorobenzene
Concen: 44.149 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW011064.D
Acq: 28 Jun 2019 16:28

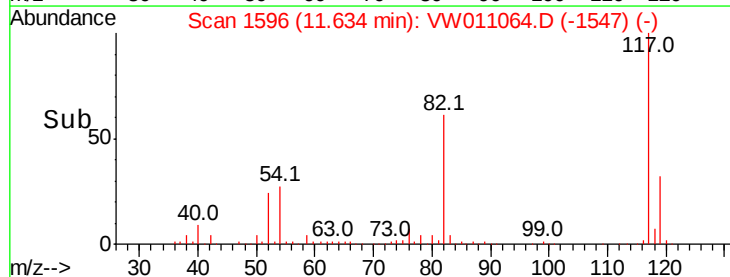
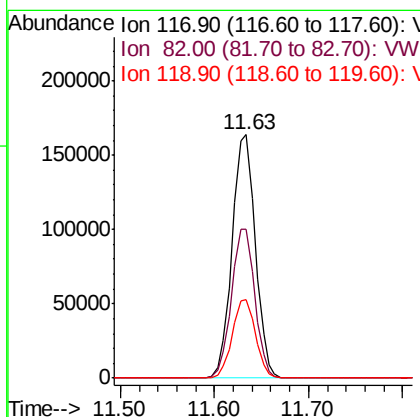
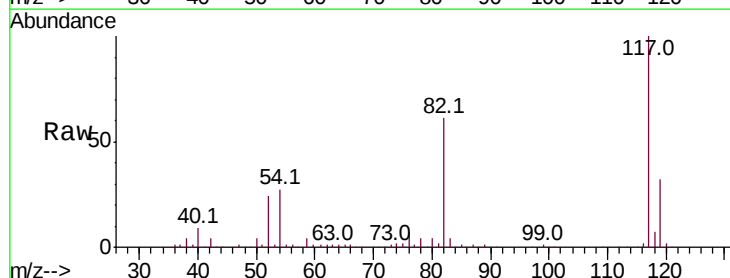
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FK-0D015-03-009

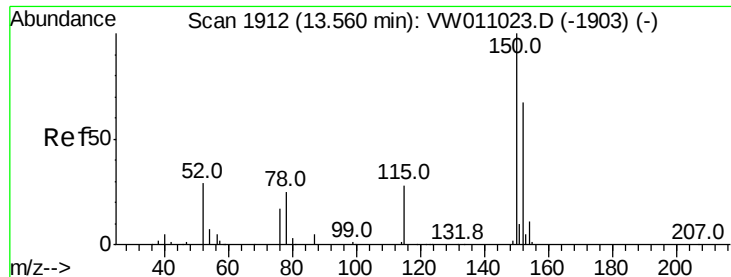
Tot Ion: 95 Resp: 135971
Ion Ratio Lower Upper
95 100
174 73.3 0.0 149.2
176 71.2 0.0 143.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011064.D
Acq: 28 Jun 2019 16:28

Tgt Ion: 117 Resp: 280697
Ion Ratio Lower Upper
117 100
82 61.1 48.6 73.0
119 32.4 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW011064.D

Acq: 28 Jun 2019 16:28

Instrument :

MSVOA_W

ClientSampleId :

FK-0D015-03-009

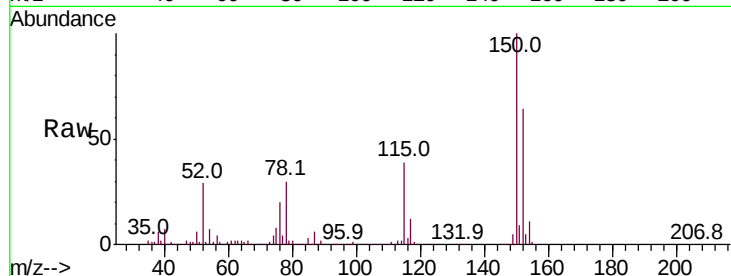
Tot Ion:152 Resp: 120875

Ion Ratio Lower Upper

152 100

115 60.8 30.7 92.1

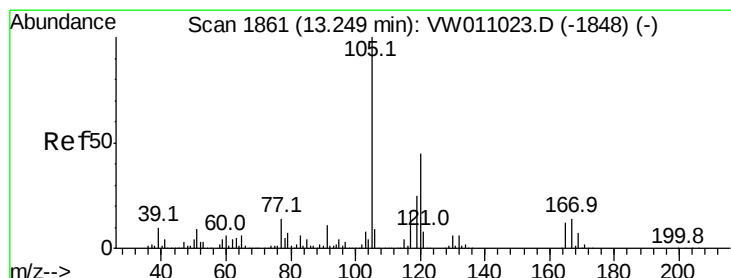
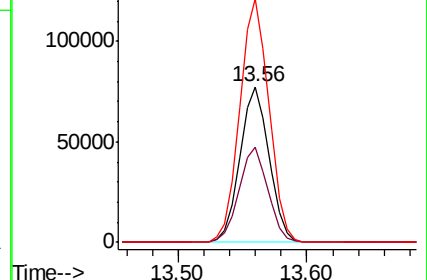
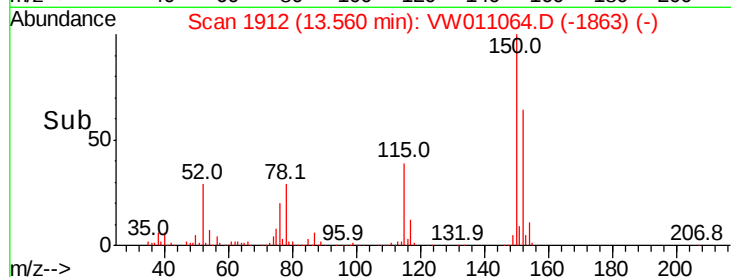
150 157.2 0.0 341.8



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



#84

1,2,4-Trimethylbenzene

Concen: 1.160 ug/l

RT: 13.25 min Scan# 1861

Delta R.T. -0.00 min

Lab File: VW011064.D

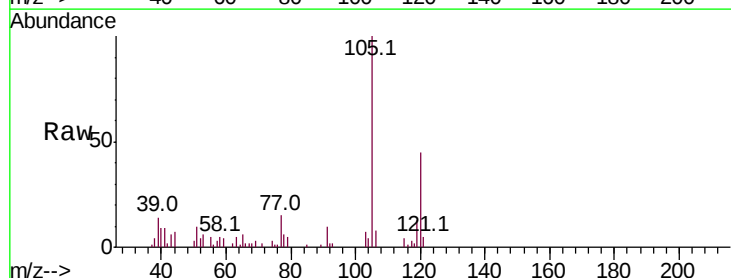
Acq: 28 Jun 2019 16:28

Tgt Ion:105 Resp: 9001

Ion Ratio Lower Upper

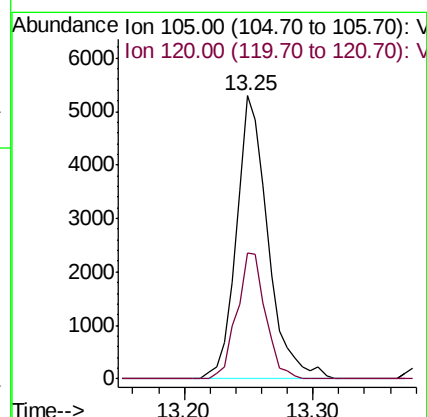
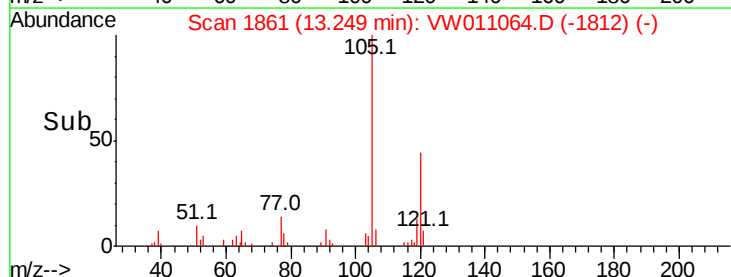
105 100

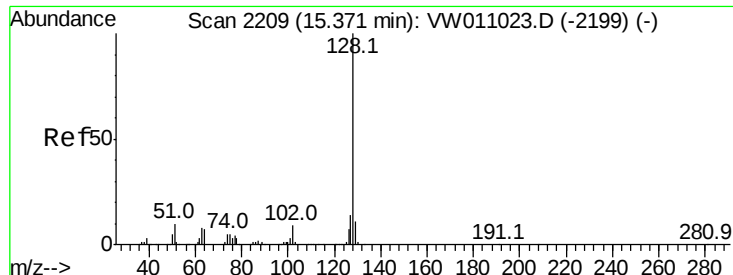
120 40.6 22.4 67.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 4.119 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

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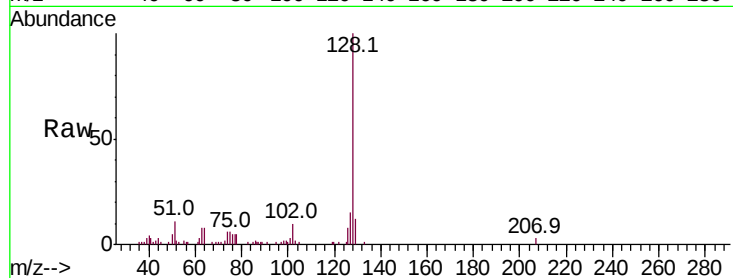
Tot Ion:128 Resp: 19248

Ion Ratio Lower Upper

128 100

127 14.4 10.7 16.1

129 11.7 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

