

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070119\
 Data File : VW011089.D
 Acq On : 01 Jul 2019 17:08
 Operator : SY/VA
 Sample : K3555-13
 Misc : 4.54G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SAMPLE-12

Quant Time: Jul 02 09:15:14 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

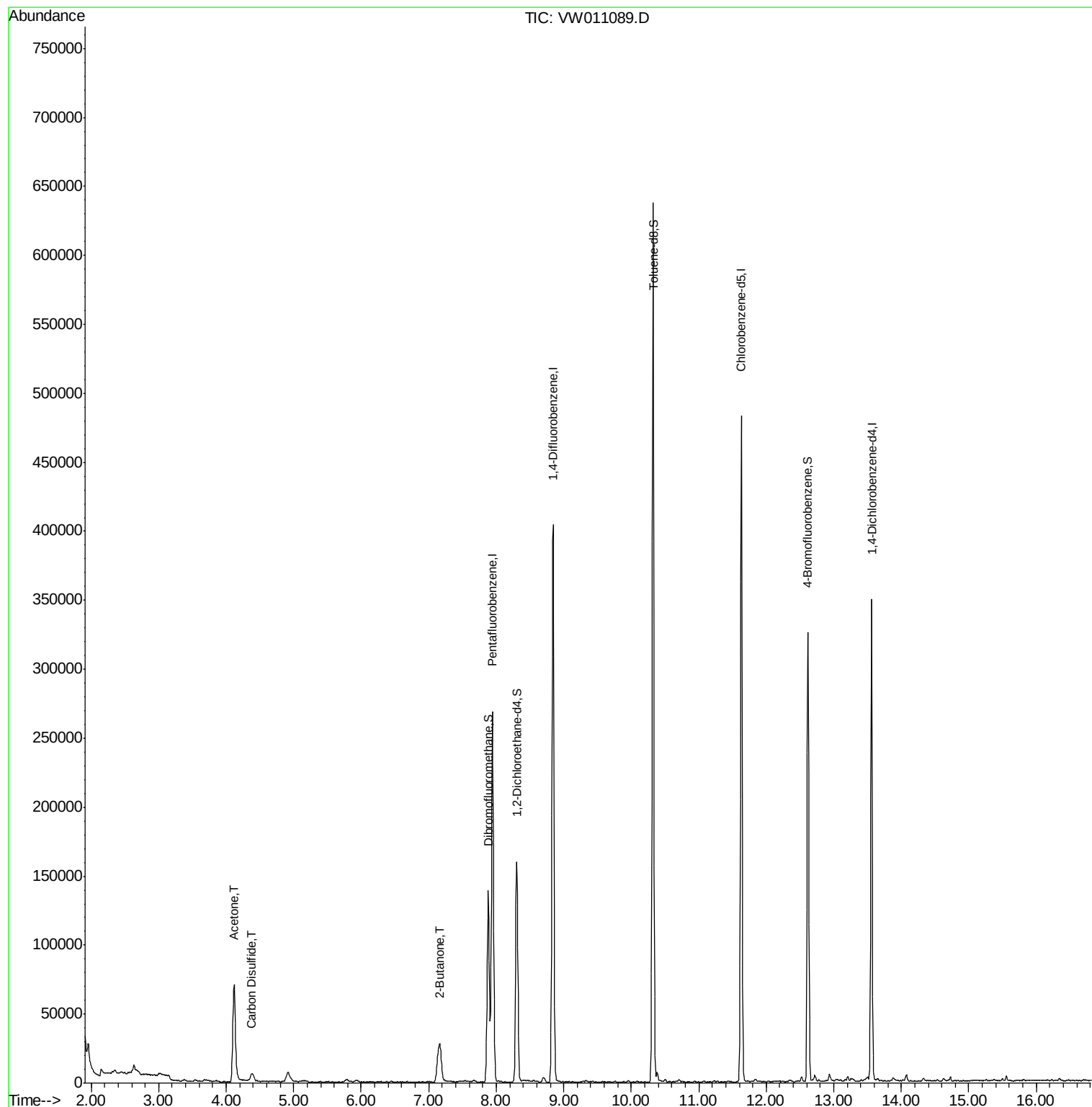
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	188913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	318148	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	246506	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	82508	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	127000	51.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.86%	
35) Dibromofluoromethane	7.88	113	97840	50.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.72%	
50) Toluene-d8	10.32	98	389911	48.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.52%	
62) 4-Bromofluorobenzene	12.62	95	107767	36.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.70%	
Target Compounds						
16) Acetone	4.12	43	128214	212.692	ug/l	100
17) Carbon Disulfide	4.37	76	8909	1.469	ug/l #	92
25) 2-Butanone	7.17	43	36182	39.487	ug/l	97

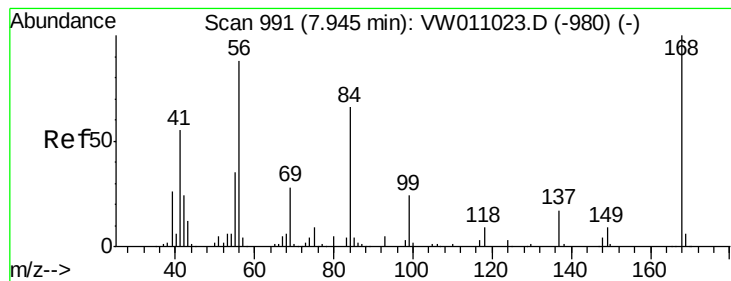
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW070119\
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Quant Title : SW846 8260
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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: VW011089.D

Acq: 01 Jul 2019 17:08

Instrument :

MSVOA_W

ClientSampleId :

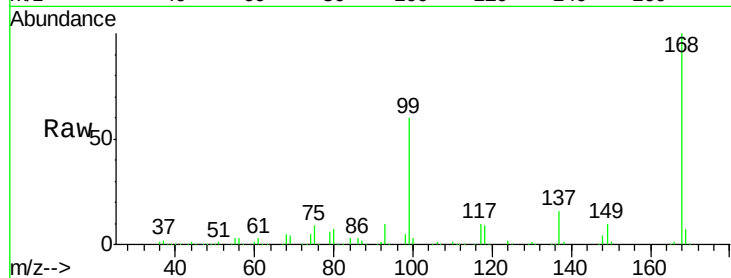
SAMPLE-12

Tot Ion:168 Resp: 188913

Ion Ratio Lower Upper

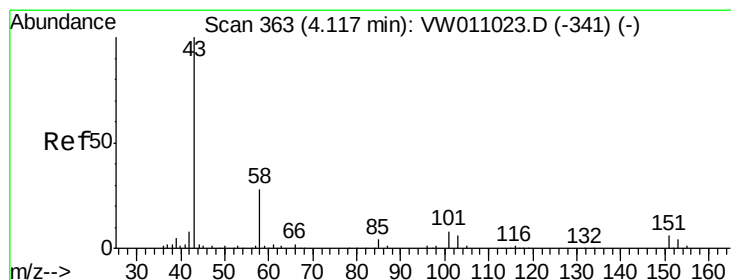
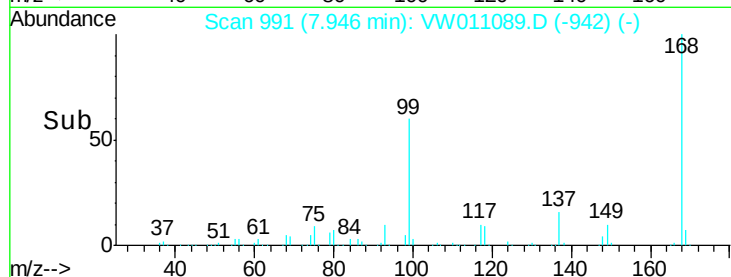
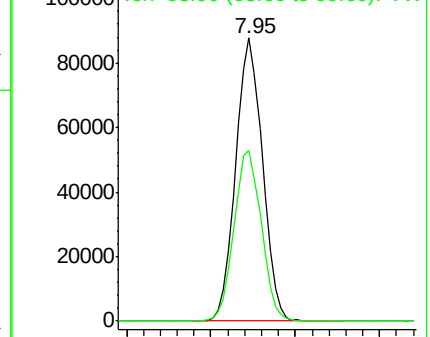
168 100

99 60.4 47.8 71.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 212.692 ug/l

RT: 4.12 min Scan# 363

Delta R.T. 0.00 min

Lab File: VW011089.D

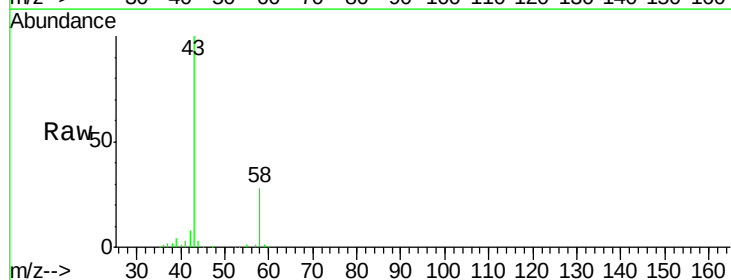
Acq: 01 Jul 2019 17:08

Tgt Ion: 43 Resp: 128214

Ion Ratio Lower Upper

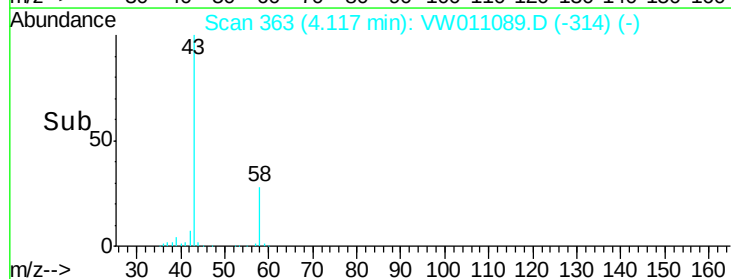
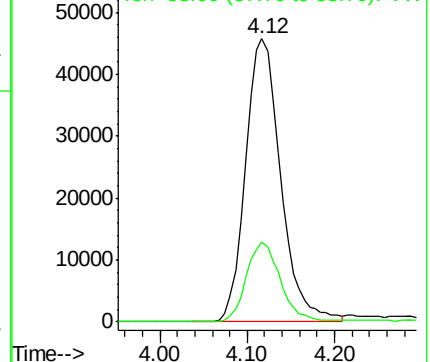
43 100

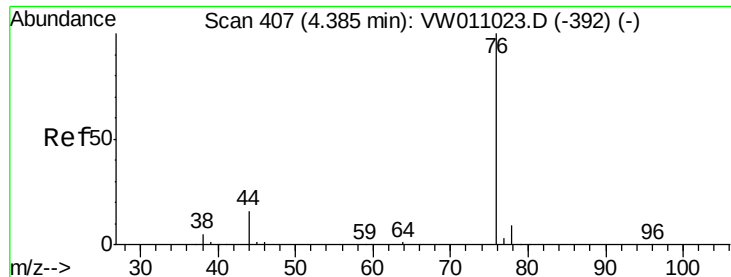
58 28.0 22.5 33.7



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#17

Carbon Disulfide

Concen: 1.469 ug/l

RT: 4.37 min Scan# 405

Delta R.T. -0.01 min

Lab File: VW011089.D

Acq: 01 Jul 2019 17:08

Instrument :

MSVOA_W

ClientSampled :

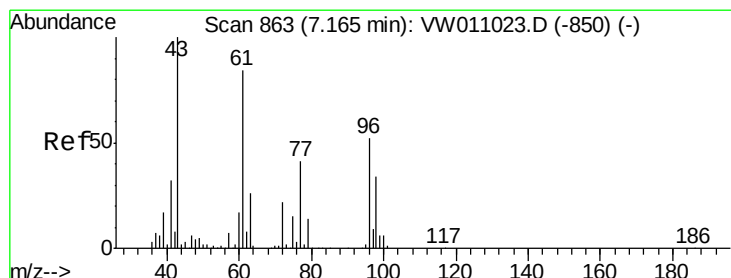
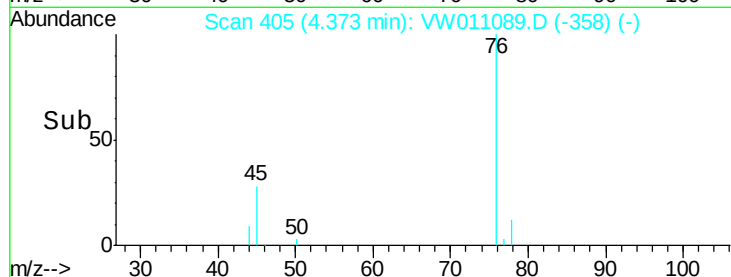
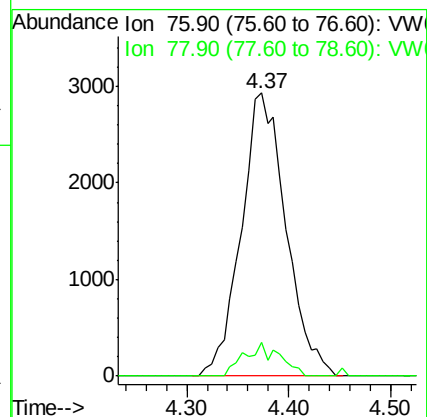
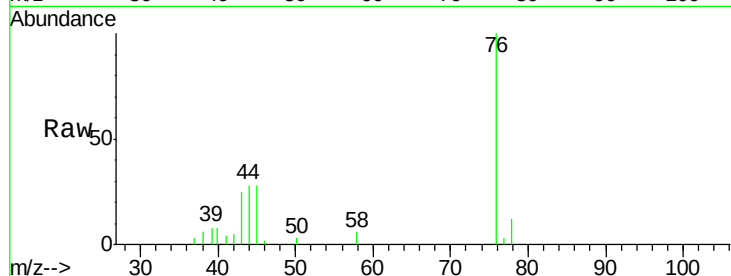
SAMPLE-12

Tot Ion: 76 Resp: 8909

Ion Ratio Lower Upper

76 100

78 11.9 7.2 10.8#



#25

2-Butanone

Concen: 39.487 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW011089.D

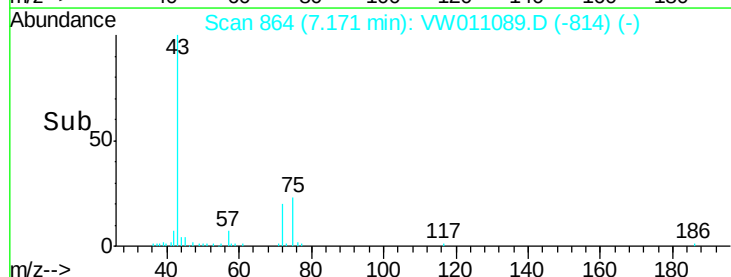
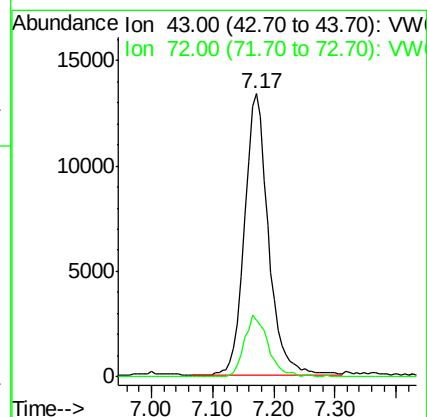
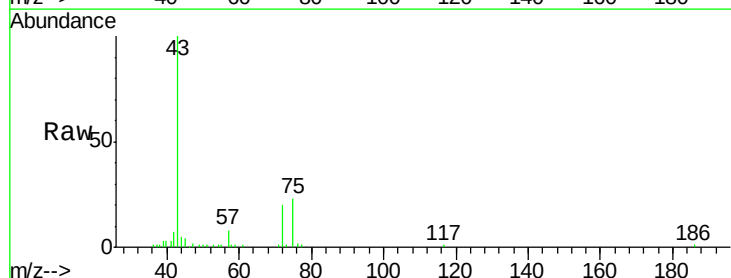
Acq: 01 Jul 2019 17:08

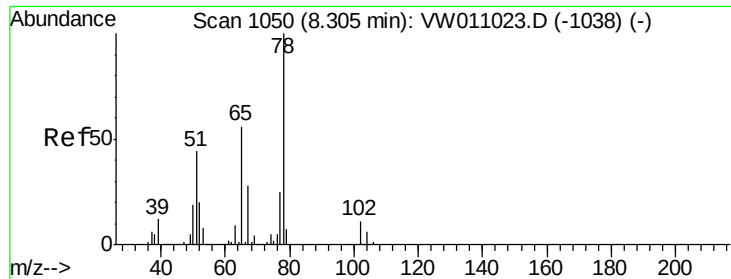
Tgt Ion: 43 Resp: 36182

Ion Ratio Lower Upper

43 100

72 20.2 17.2 25.8





#33

1,2-Dichloroethane-d4

Concen: 51.425 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011089.D

Acq: 01 Jul 2019 17:08

Instrument :

MSVOA_W

ClientSampleId :

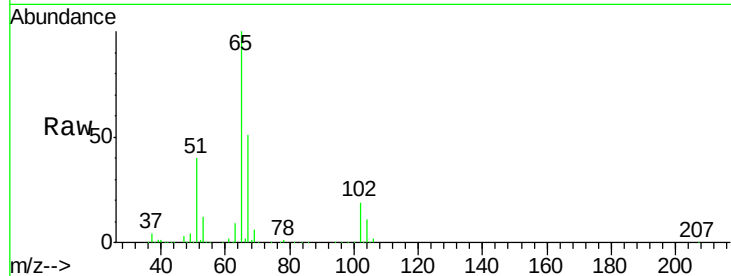
SAMPLE-12

Tot Ion: 65 Resp: 127000

Ion Ratio Lower Upper

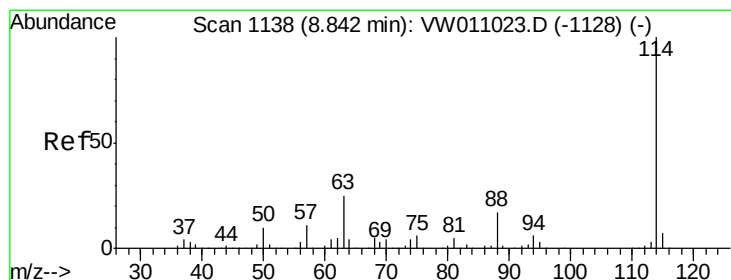
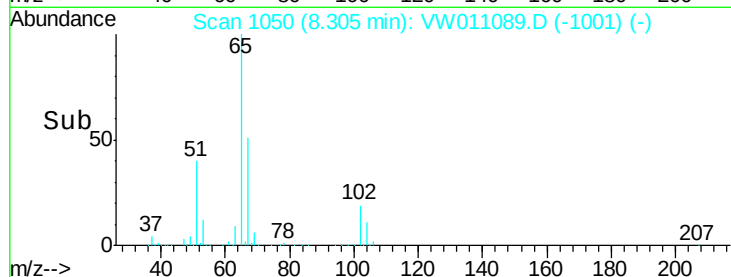
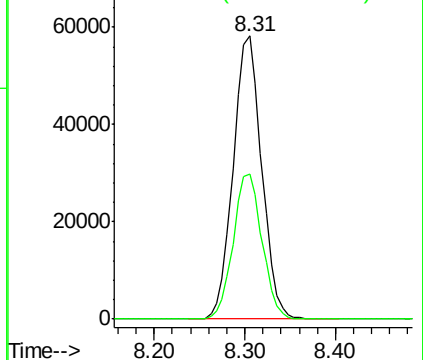
65 100

67 51.7 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW011089.D

Acq: 01 Jul 2019 17:08

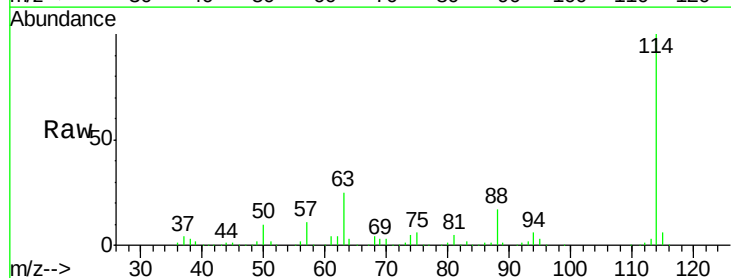
Tgt Ion: 114 Resp: 318148

Ion Ratio Lower Upper

114 100

63 25.0 0.0 50.6

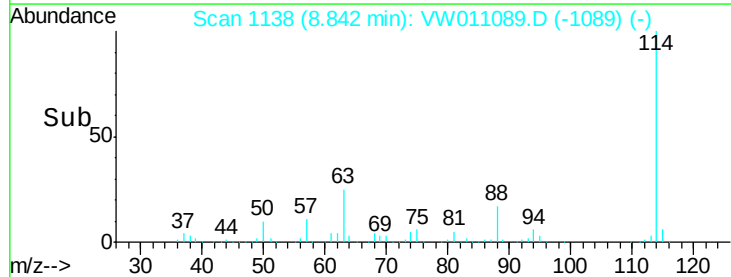
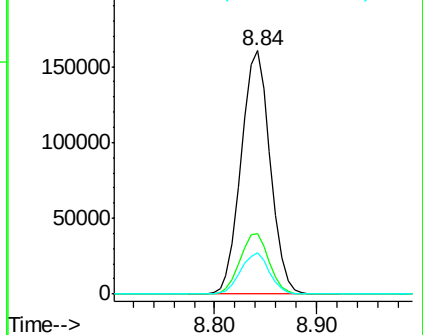
88 16.8 0.0 34.0

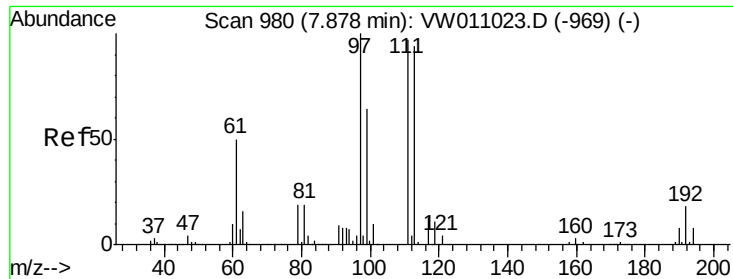


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

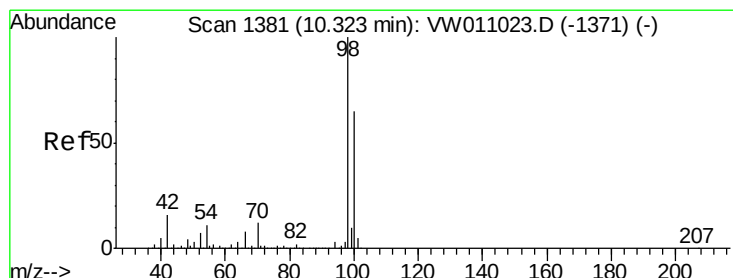
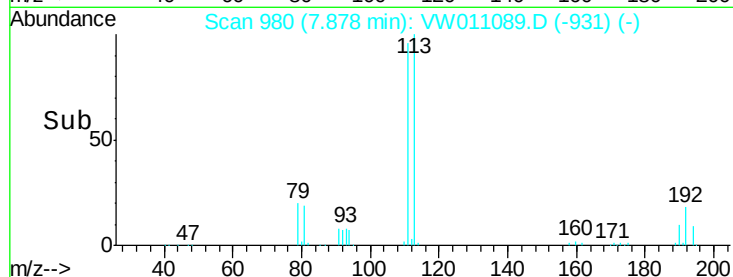
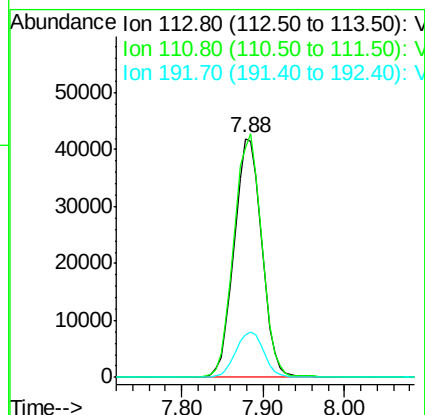
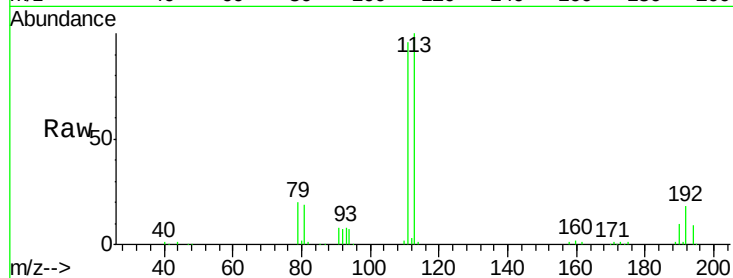




#35
Dibromofluoromethane
Concen: 50.362 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW011089.D
Acq: 01 Jul 2019 17:08

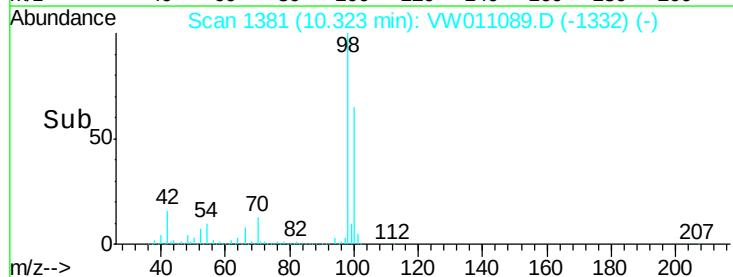
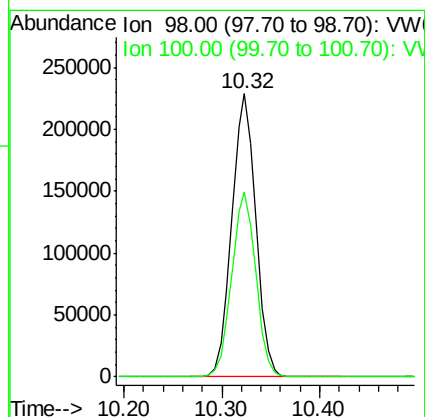
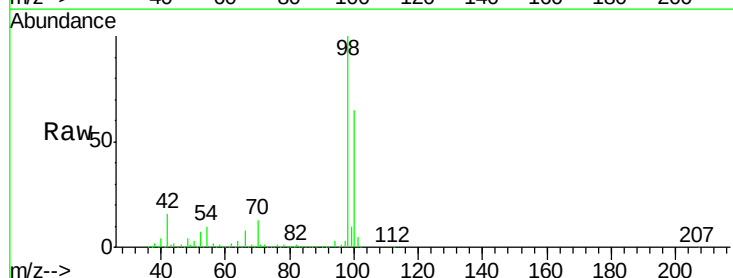
Instrument :
MSVOA_W
ClientSampleId :
SAMPLE-12

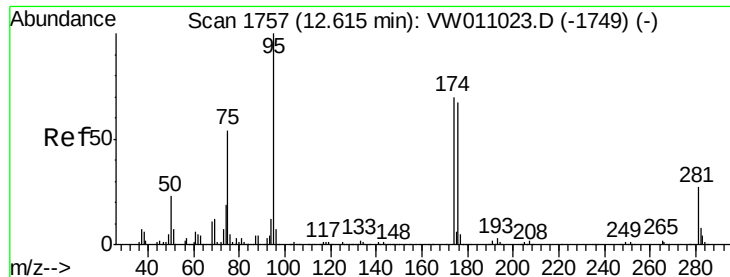
Tot Ion:113 Resp: 97840
Ion Ratio Lower Upper
113 100
111 103.0 83.8 125.6
192 19.4 16.0 24.0



#50
Toluene-d8
Concen: 48.758 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011089.D
Acq: 01 Jul 2019 17:08

Tgt Ion: 98 Resp: 389911
Ion Ratio Lower Upper
98 100
100 65.4 52.3 78.5

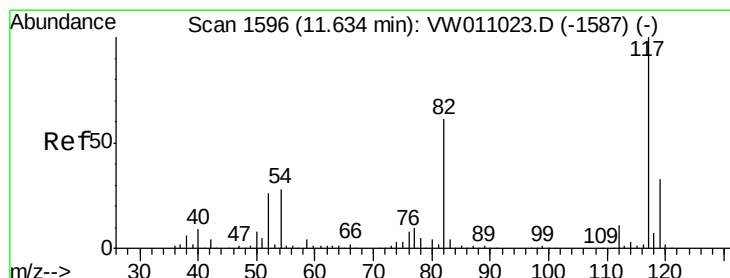
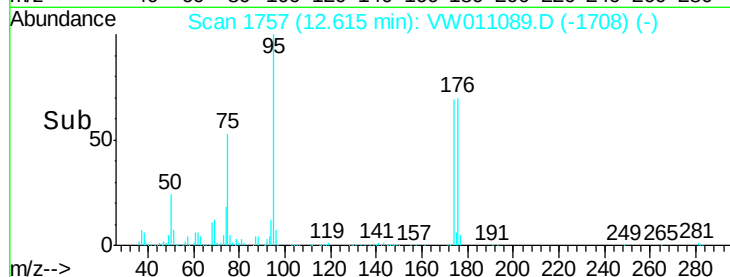
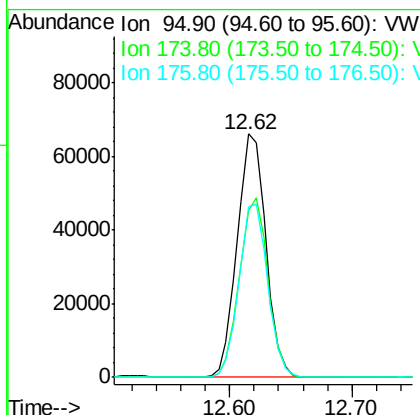
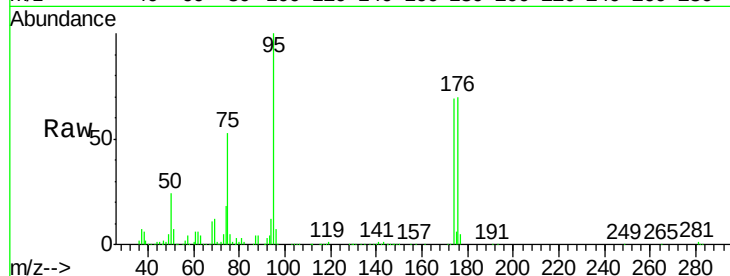




#62
4-Bromofluorobenzene
Concen: 36.845 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.00 min
Lab File: VW011089.D
Acq: 01 Jul 2019 17:08

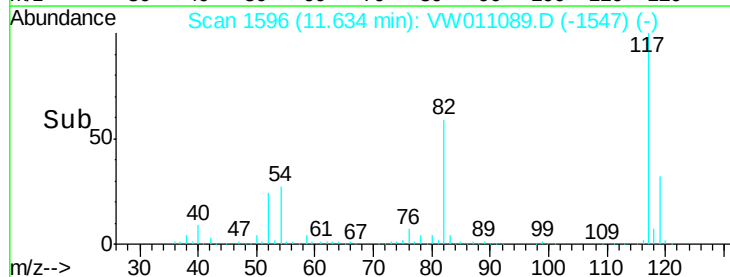
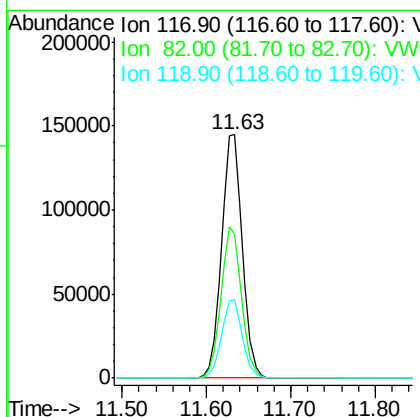
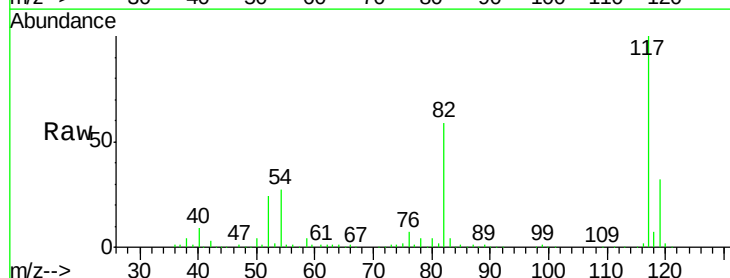
Instrument :
MSVOA_W
ClientSampleId :
SAMPLE-12

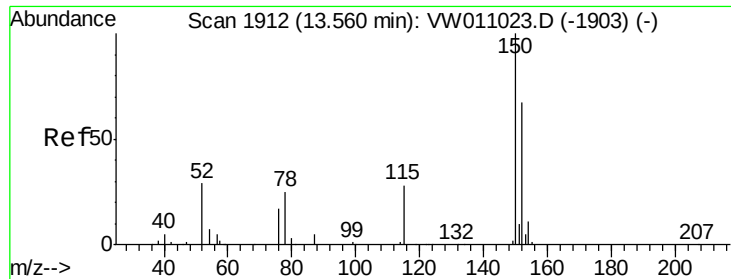
Tot Ion	95	Resp	107767
Ion Ratio	Lower	Upper	
95	100		
174	73.4	0.0	149.2
176	70.9	0.0	143.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW011089.D
Acq: 01 Jul 2019 17:08

Tgt Ion	117	Resp	246506
Ion Ratio	Lower	Upper	
117	100		
82	59.0	48.6	73.0
119	32.0	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: VW011089.D

Acq: 01 Jul 2019 17:08

Instrument :

MSVOA_W

ClientSampleId :

SAMPLE-12

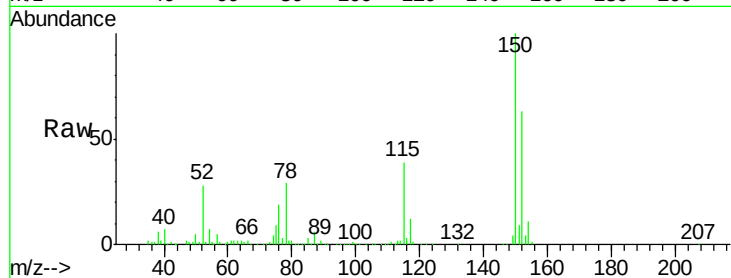
Tot Ion:152 Resp: 82508

Ion Ratio Lower Upper

152 100

115 61.1 30.7 92.1

150 158.2 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

