

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072419\
 Data File : VW011458.D
 Acq On : 24 Jul 2019 03:31
 Operator : SY/VA
 Sample : K3934-02
 Misc : 4.37G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2S-2

Quant Time: Jul 24 07:48:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

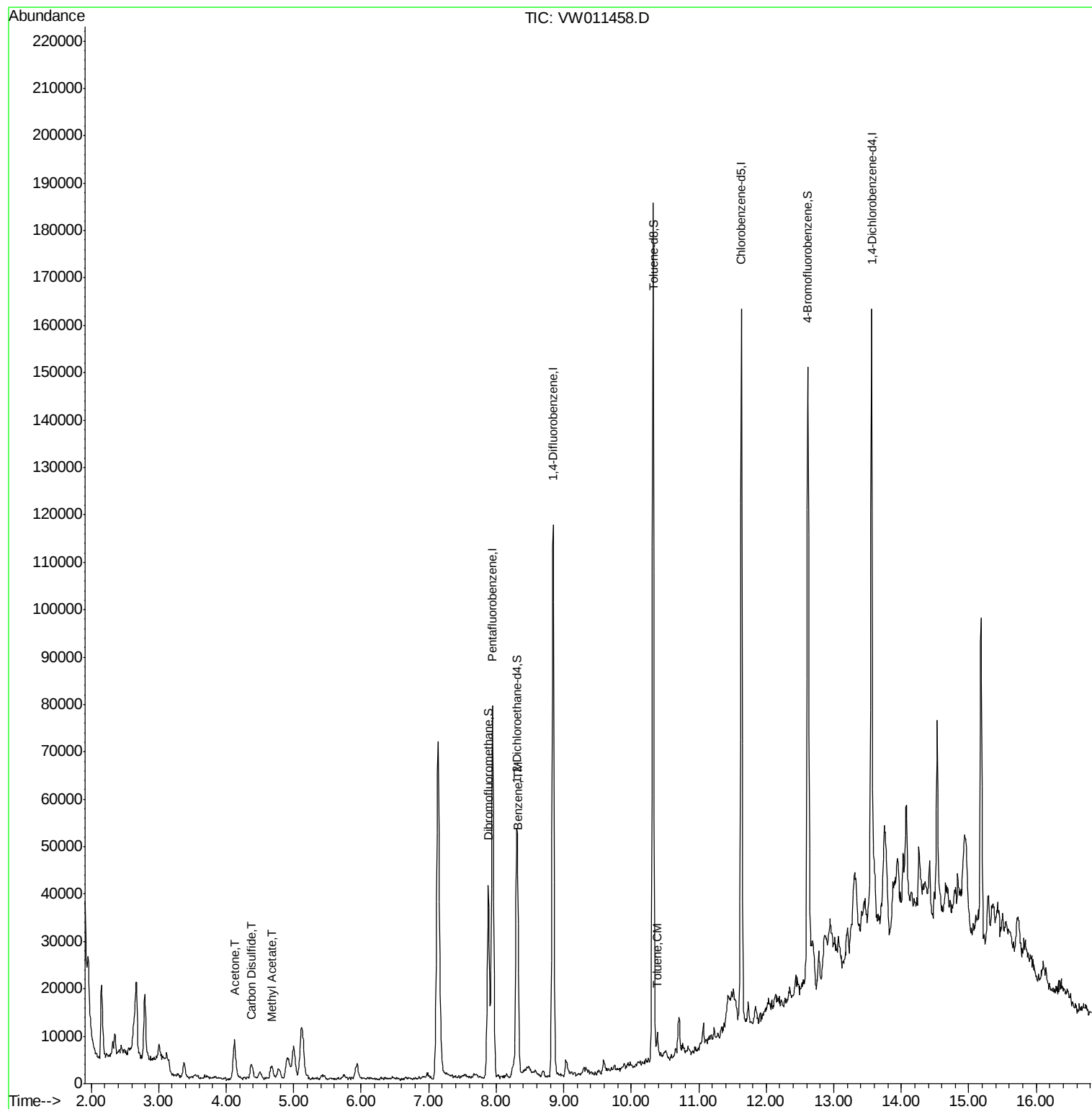
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	57989	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	92675	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	79530	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	31778	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	37364	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.56%	
35) Dibromofluoromethane	7.88	113	28716	51.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.98%	
50) Toluene-d8	10.32	98	114163	51.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.26%	
62) 4-Bromofluorobenzene	12.62	95	38908	47.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.08%	
Target Compounds						
16) Acetone	4.12	43	14627	83.429	ug/l	97
17) Carbon Disulfide	4.37	76	4820	2.468	ug/l	97
18) Methyl Acetate	4.67	43	6139	11.217	ug/l	92
40) Benzene	8.32	78	11710	4.293	ug/l #	90
52) Toluene	10.39	92	1876	1.134	ug/l	87

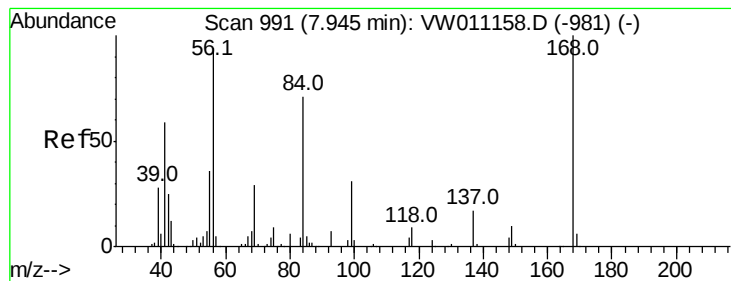
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW072419\
Data File : VW011458.D
Acq On : 24 Jul 2019 03:31
Operator : SY/VA
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TP-2S-2

Quant Time: Jul 24 07:48:37 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
Quant Title : SW846 8260
QLast Update : Thu Jul 11 08:14:17 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: VW011458.D

Acq: 24 Jul 2019 03:31

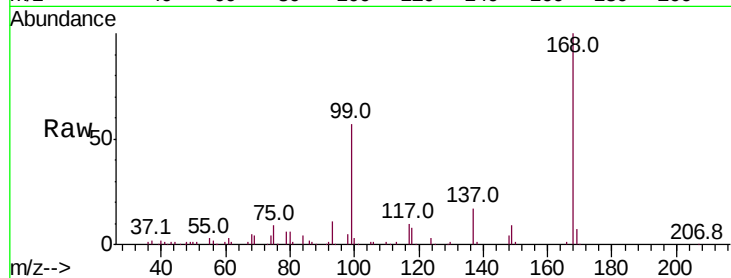
Instrument :
MSVOA_W
ClientSampleId :
TP-2S-2

Tot Ion:168 Resp: 57989

Ion Ratio Lower Upper

168 100

99 57.1 50.1 75.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

25000

20000

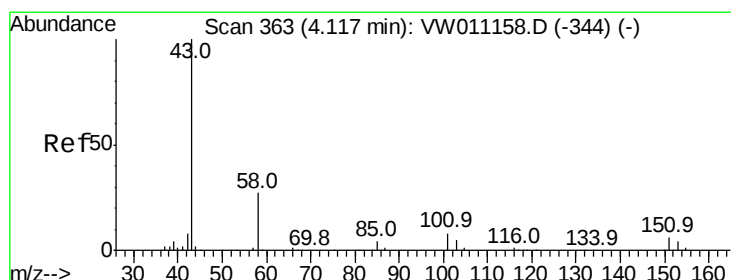
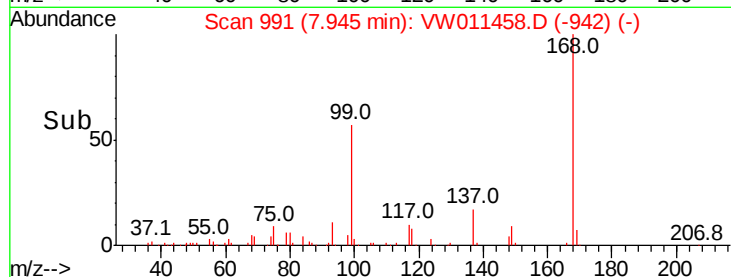
15000

10000

5000

0

Time-->



#16

Acetone

Concen: 83.429 ug/l

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW011458.D

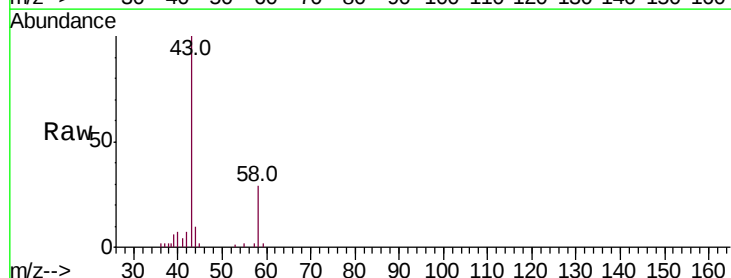
Acq: 24 Jul 2019 03:31

Tgt Ion: 43 Resp: 14627

Ion Ratio Lower Upper

43 100

58 28.9 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

6000

5000

4000

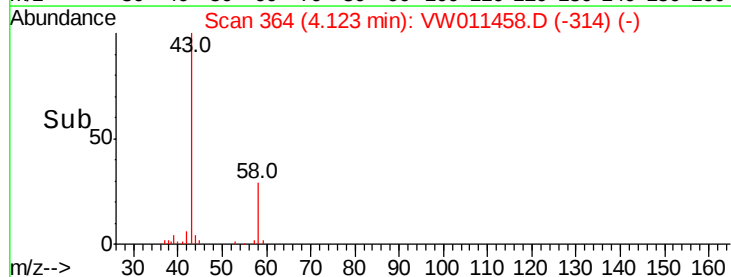
3000

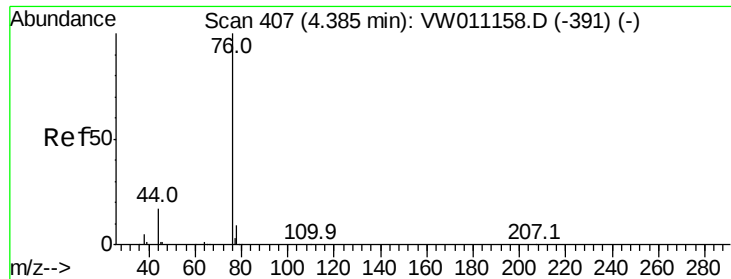
2000

1000

0

Time-->

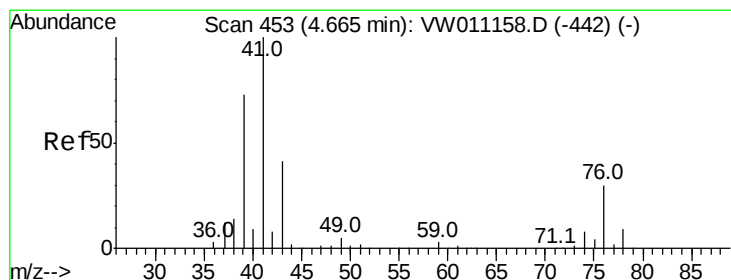
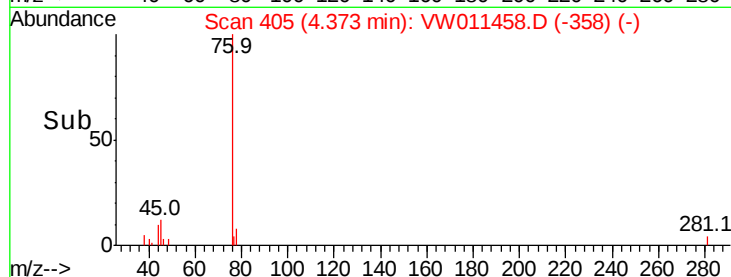
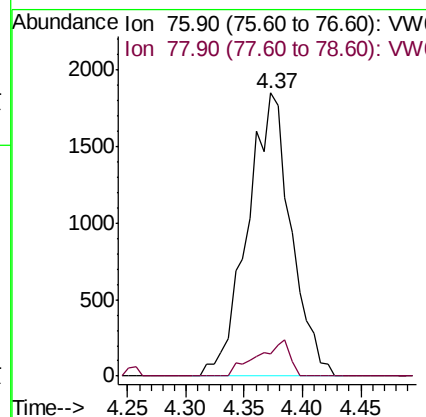
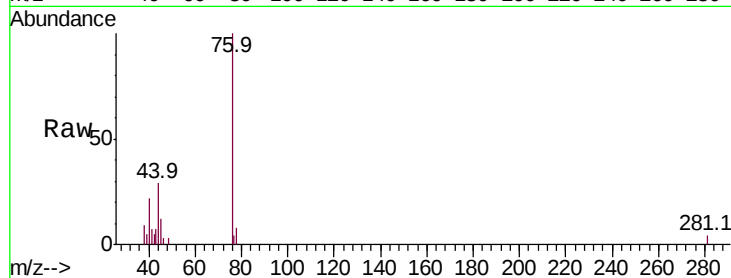




#17
Carbon Disulfide
Concen: 2.468 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW011458.D
Acq: 24 Jul 2019 03:31

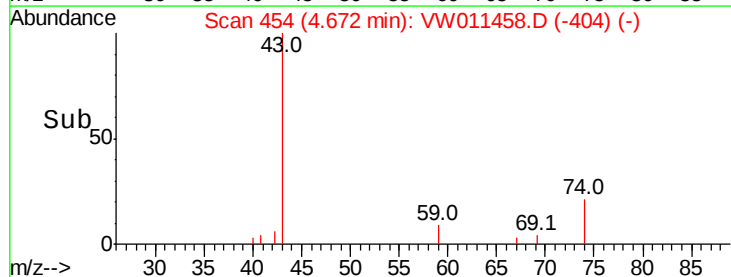
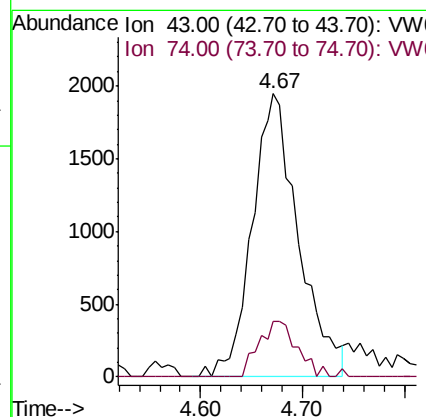
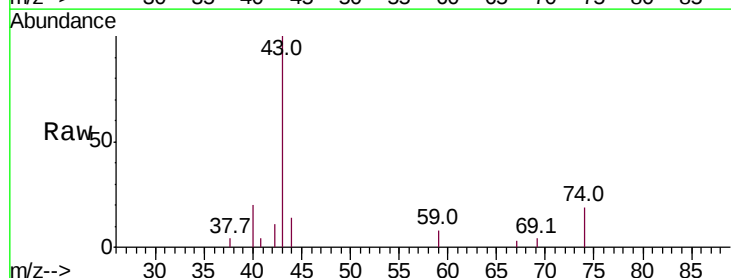
Instrument :
MSVOA_W
ClientSampled :
TP-2S-2

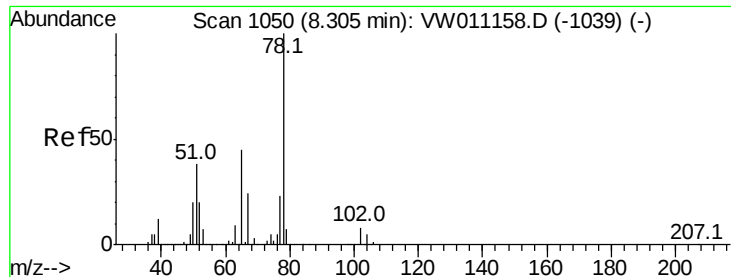
Tot Ion: 76 Resp: 4820
Ion Ratio Lower Upper
76 100
78 7.9 7.1 10.7



#18
Methyl Acetate
Concen: 11.217 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW011458.D
Acq: 24 Jul 2019 03:31

Tgt Ion: 43 Resp: 6139
Ion Ratio Lower Upper
43 100
74 16.2 15.7 23.5





#33

1,2-Dichloroethane-d4

Concen: 51.278 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW011458.D

Acq: 24 Jul 2019 03:31

Instrument :

MSVOA_W

ClientSampleId :

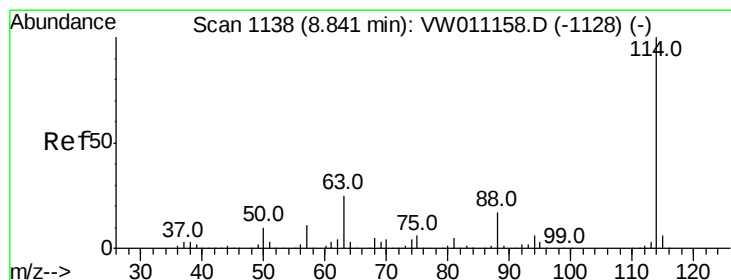
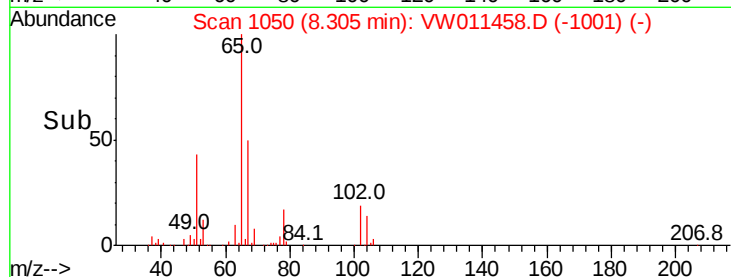
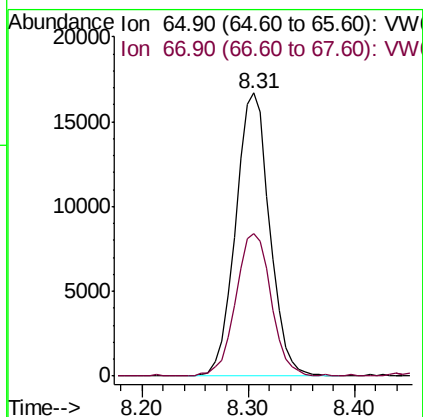
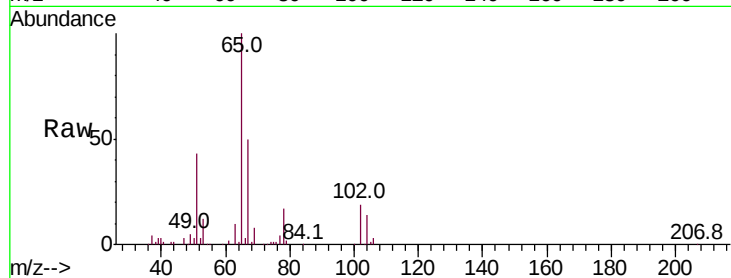
TP-2S-2

Tot Ion: 65 Resp: 37364

Ion Ratio Lower Upper

65 100

67 52.5 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. 0.00 min

Lab File: VW011458.D

Acq: 24 Jul 2019 03:31

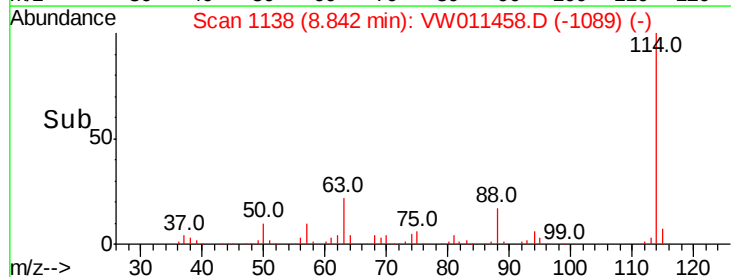
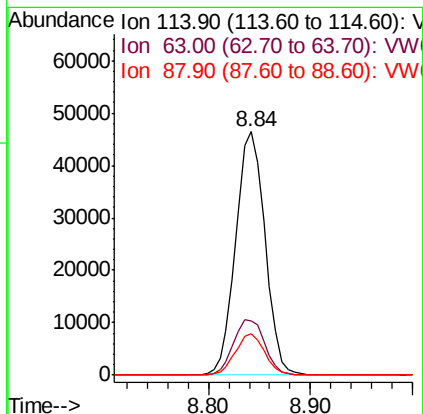
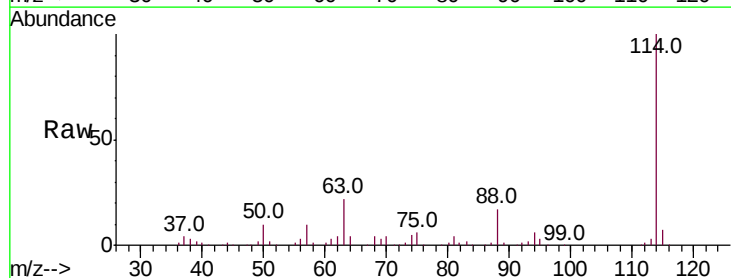
Tgt Ion: 114 Resp: 92675

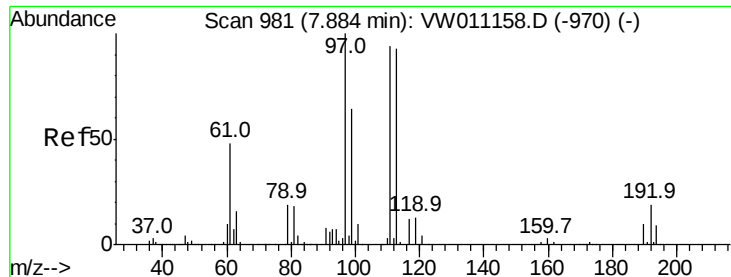
Ion Ratio Lower Upper

114 100

63 22.4 0.0 50.8

88 17.0 0.0 34.2





#35

Dibromofluoromethane

Concen: 51.986 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW011458.D

Acq: 24 Jul 2019 03:31

Instrument :

MSVOA_W

ClientSampleId :

TP-2S-2

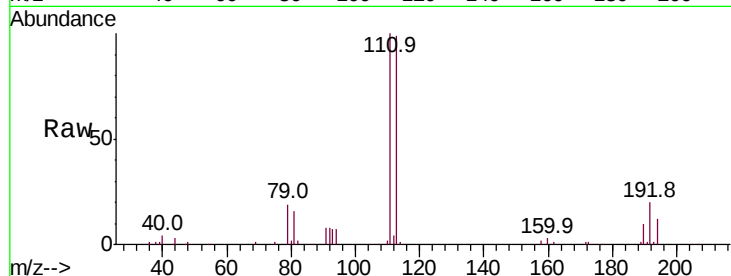
Tot Ion:113 Resp: 28716

Ion Ratio Lower Upper

113 100

111 102.8 82.4 123.6

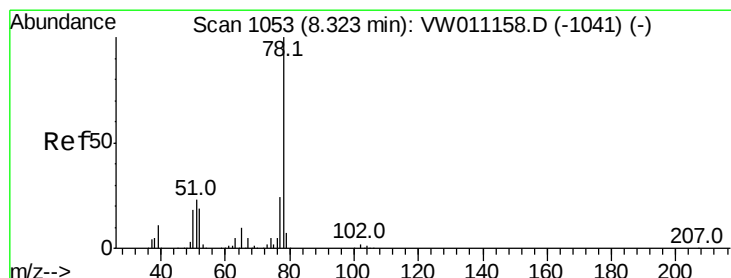
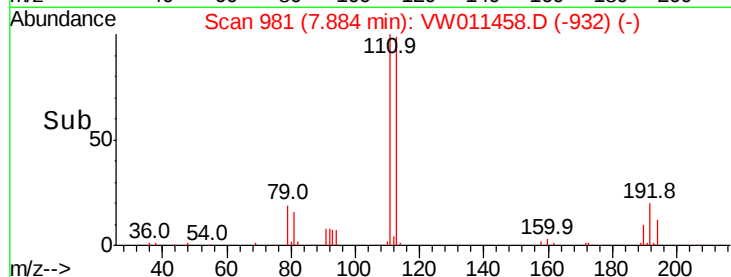
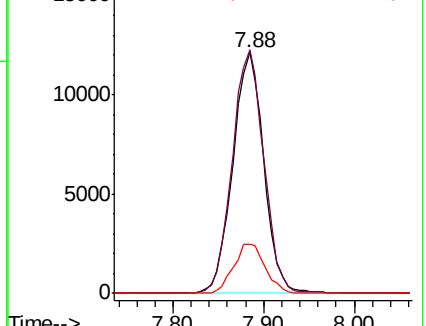
192 20.6 15.8 23.8



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: 4.293 ug/l

RT: 8.32 min Scan# 1053

Delta R.T. 0.00 min

Lab File: VW011458.D

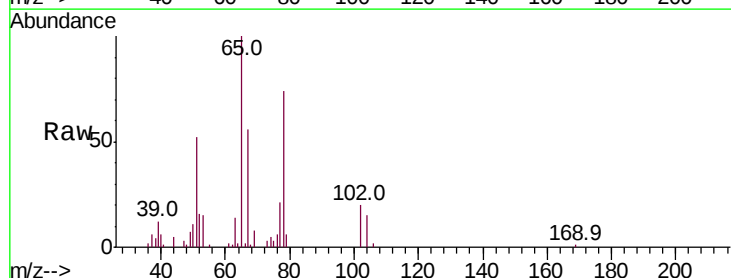
Acq: 24 Jul 2019 03:31

Tgt Ion: 78 Resp: 11710

Ion Ratio Lower Upper

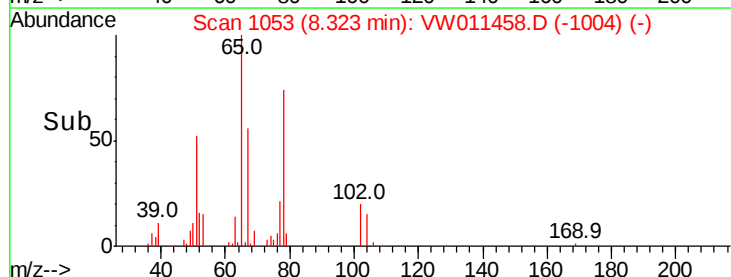
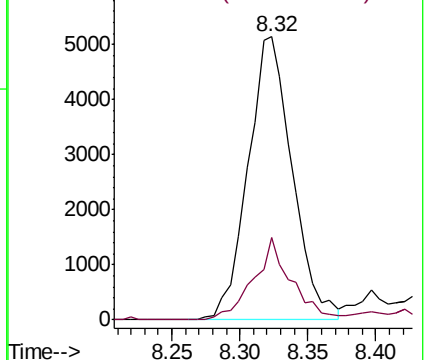
78 100

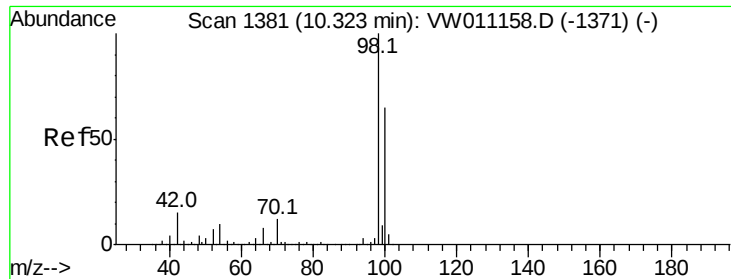
77 28.9 19.0 28.6#



Abundance Ion 78.00 (77.70 to 78.70): VW

Ion 77.00 (76.70 to 77.70): VW

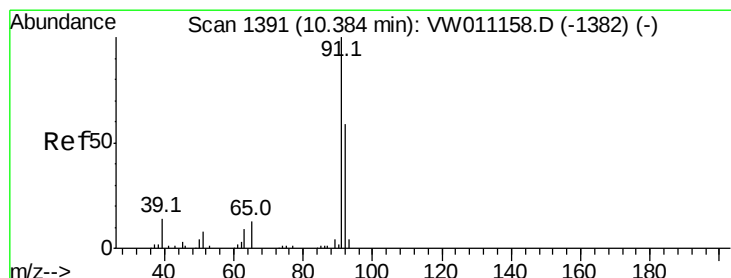
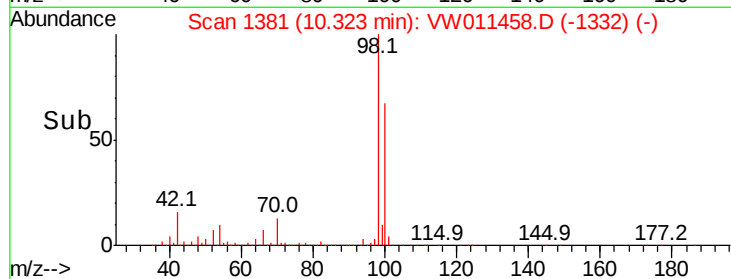
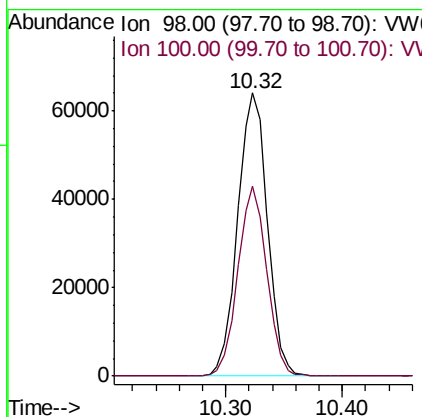
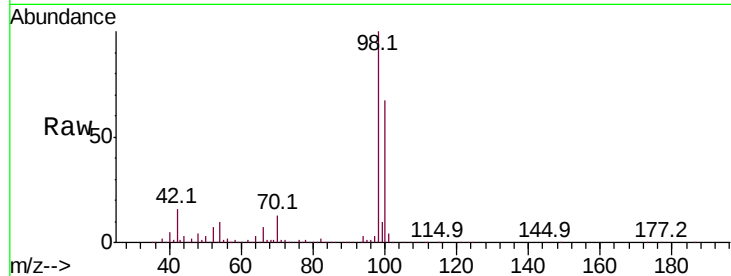




#50
Toluene-d8
Concen: 51.130 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011458.D
Acq: 24 Jul 2019 03:31

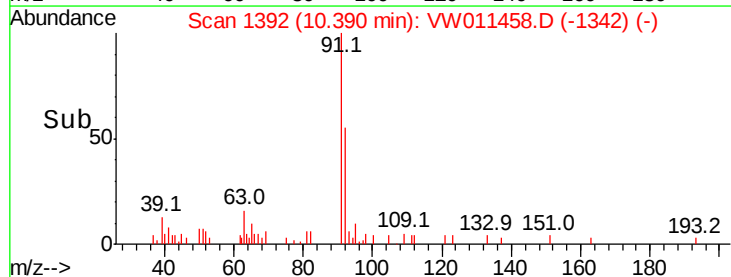
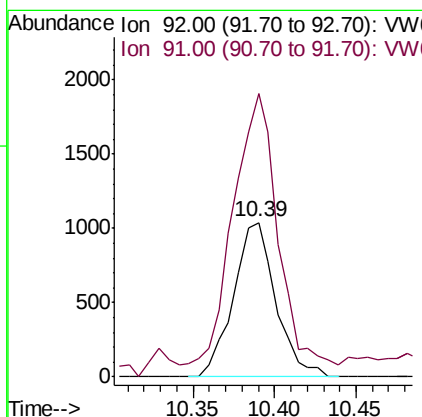
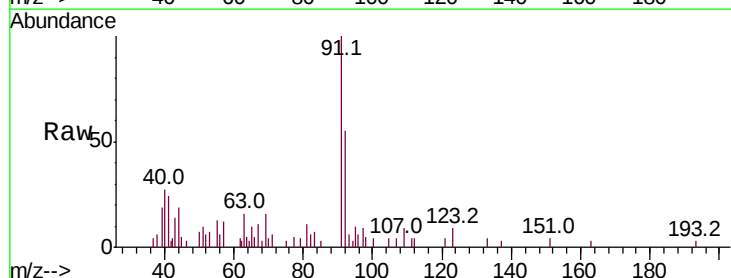
Instrument :
MSVOA_W
ClientSampleId :
TP-2S-2

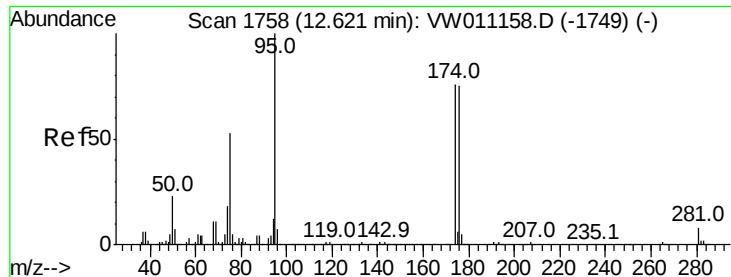
Tot Ion: 98 Resp: 114163
Ion Ratio Lower Upper
98 100
100 65.1 52.4 78.6



#52
Toluene
Concen: 1.134 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.01 min
Lab File: VW011458.D
Acq: 24 Jul 2019 03:31

Tgt Ion: 92 Resp: 1876
Ion Ratio Lower Upper
92 100
91 189.2 136.6 205.0

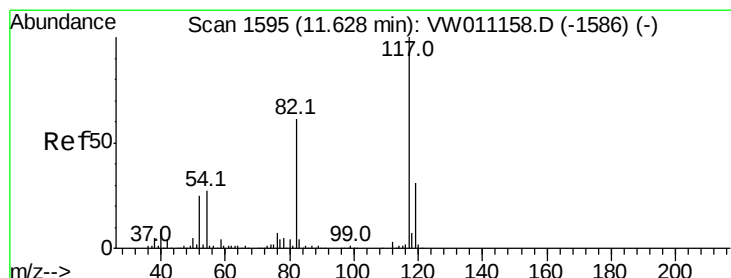
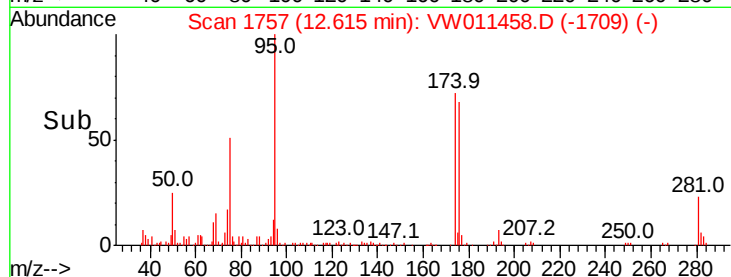
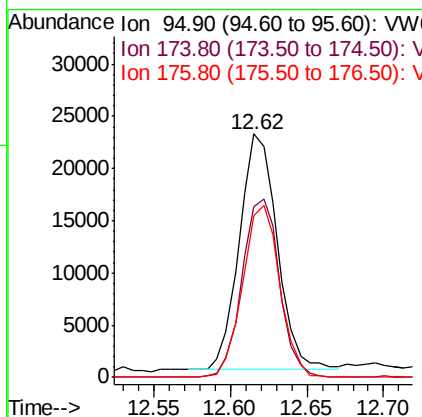
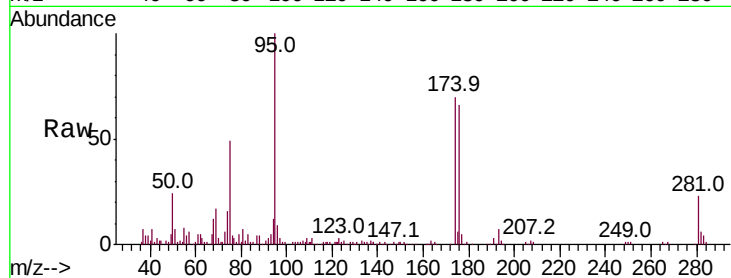




#62
4-Bromofluorobenzene
Concen: 47.541 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.01 min
Lab File: VW011458.D
Acq: 24 Jul 2019 03:31

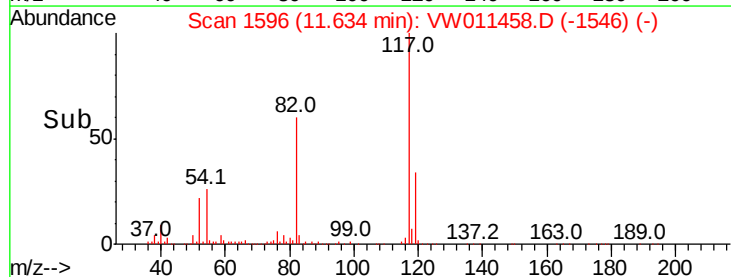
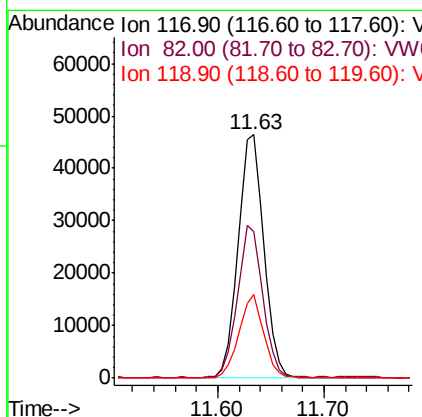
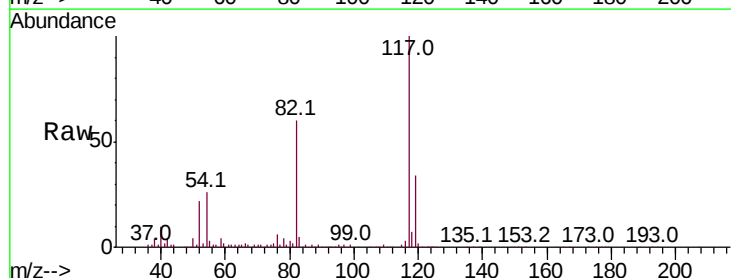
Instrument :
MSVOA_W
ClientSampleId :
TP-2S-2

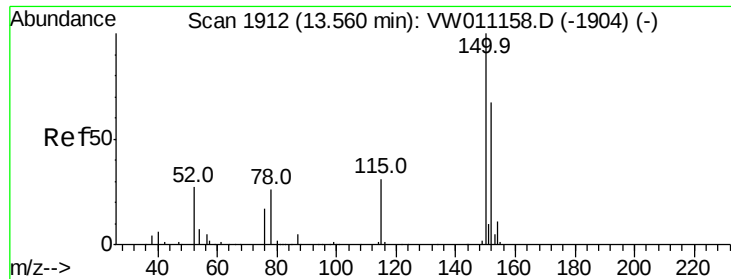
Tot Ion	95	Resp	38908
Ion Ratio	Lower	Upper	
95	100		
174	74.5	0.0	147.6
176	71.3	0.0	144.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.01 min
Lab File: VW011458.D
Acq: 24 Jul 2019 03:31

Tgt Ion	117	Resp	79530
Ion Ratio	Lower	Upper	
117	100		
82	60.0	48.9	73.3
119	34.0	25.0	37.6

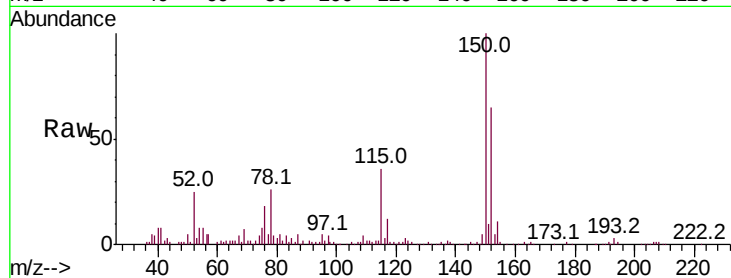




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.56 min Scan# 1912
 Delta R.T. 0.00 min
 Lab File: VW011458.D
 Acq: 24 Jul 2019 03:31

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2S-2

Tot Ion:152 Resp: 31778
 Ion Ratio Lower Upper
 152 100
 115 58.0 30.1 90.3
 150 153.5 0.0 346.0



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

