

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090419\
 Data File : VW012597.D
 Acq On : 04 Sep 2019 16:15
 Operator : SY/VA
 Sample : K4619-33
 Misc : 6.67G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP11-COMP

Quant Time: Sep 04 16:38:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

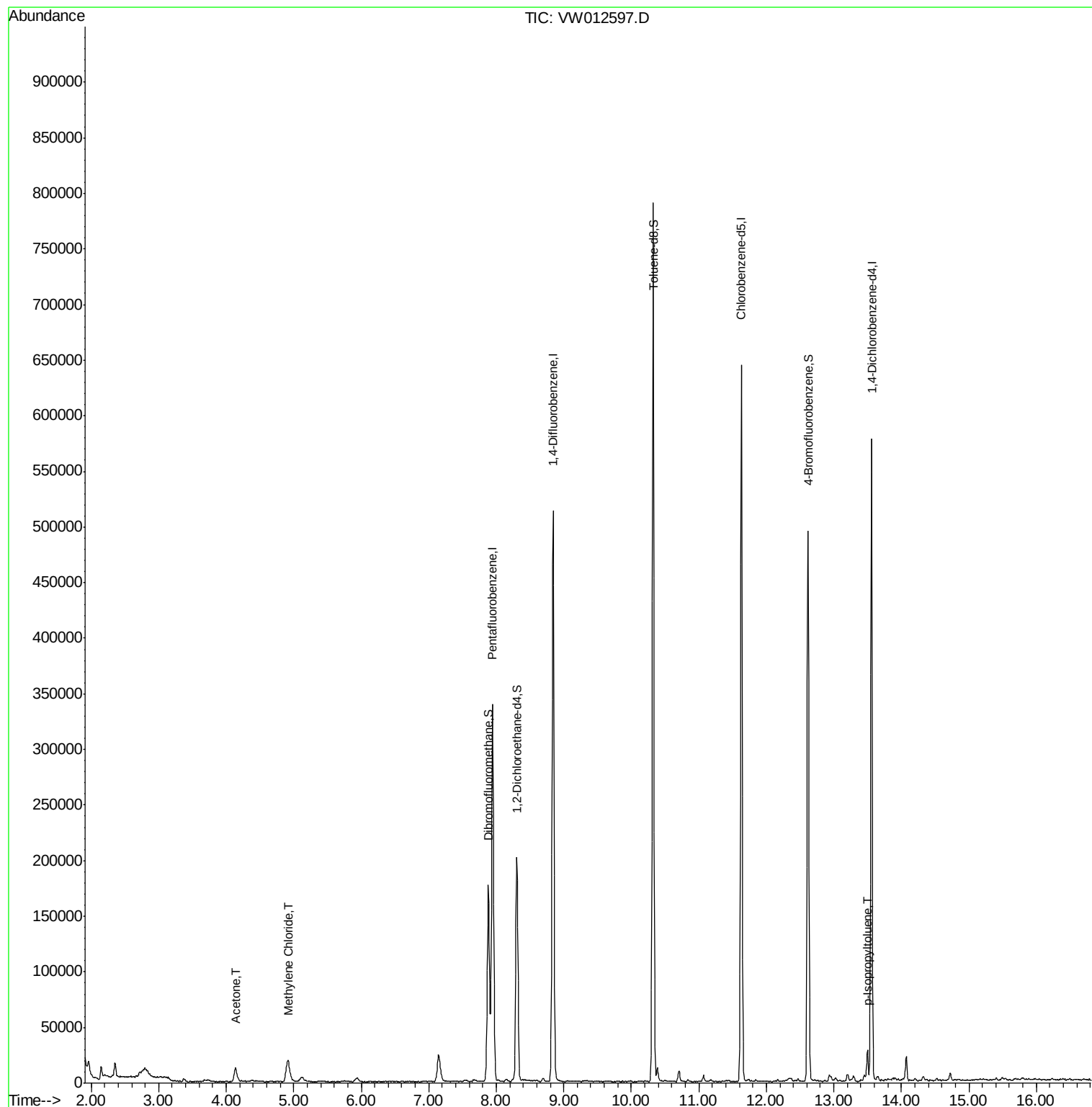
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	240326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	396425	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	338369	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	143802	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	166273	58.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.40%	
35) Dibromofluoromethane	7.88	113	124975	52.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.64%	
50) Toluene-d8	10.32	98	487225	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.56%	
62) 4-Bromofluorobenzene	12.62	95	156909	46.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.78%	
Target Compounds						
16) Acetone	4.14	43	25282	34.620	ug/l	Qvalue 100
20) Methylene Chloride	4.92	84	15515	5.620	ug/l	92
86) p-Isopropyltoluene	13.50	119	13393	1.372	ug/l	94

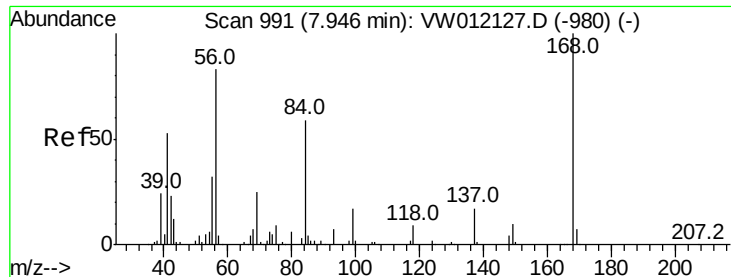
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090419\
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Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 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: VW012597.D

Acq: 04 Sep 2019 16:15

Instrument :

MSVOA_W

ClientSampleId :

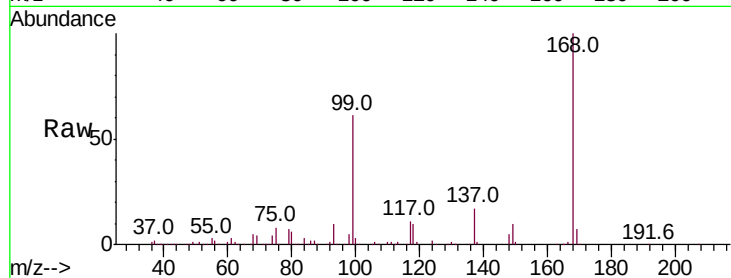
TP11-COMP

Tot Ion:168 Resp: 240326

Ion Ratio Lower Upper

168 100

99 61.3 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

120000

100000

80000

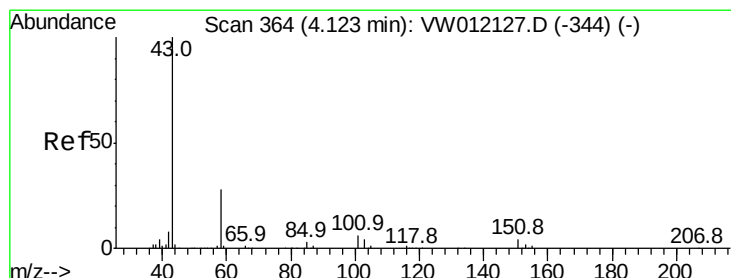
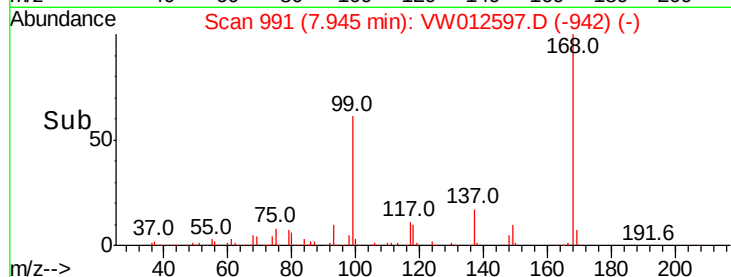
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 34.620 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW012597.D

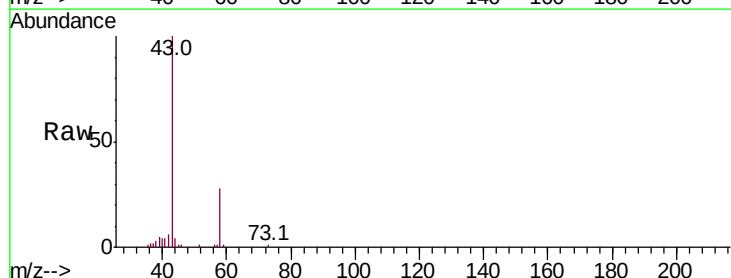
Acq: 04 Sep 2019 16:15

Tgt Ion: 43 Resp: 25282

Ion Ratio Lower Upper

43 100

58 28.1 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

8000

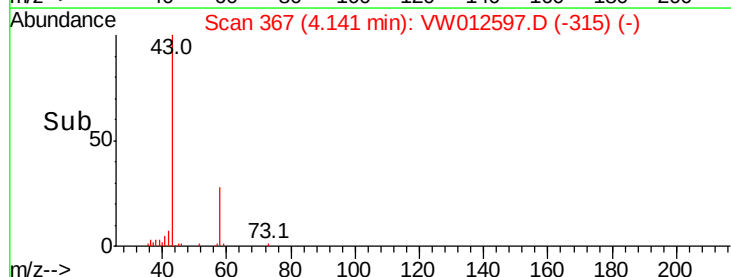
6000

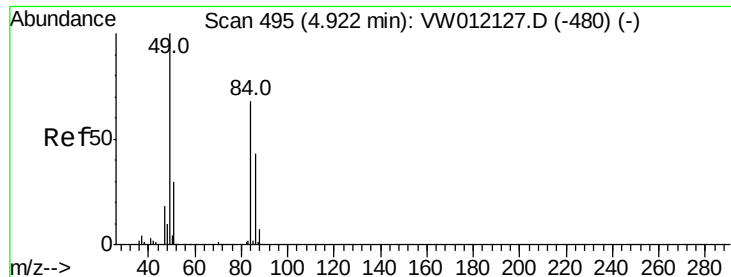
4000

2000

0

Time-->





#20

Methylene Chloride

Concen: 5.620 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW012597.D

Acq: 04 Sep 2019 16:15

Instrument :

MSVOA_W

ClientSampleId :

TP11-COMP

Tot Ion: 84 Resp: 15515

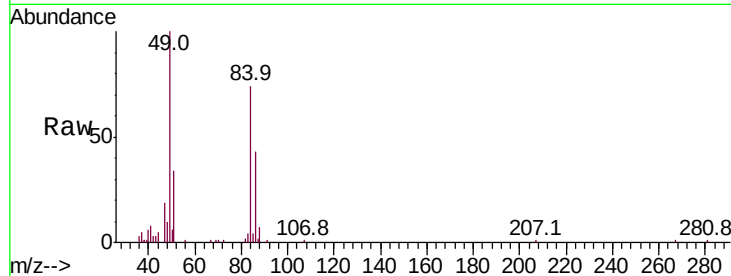
Ion Ratio Lower Upper

84 100

49 135.3 117.8 176.8

51 45.6 35.6 53.4

86 58.3 51.2 76.8

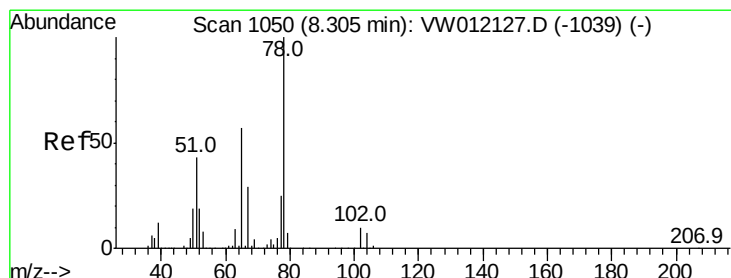
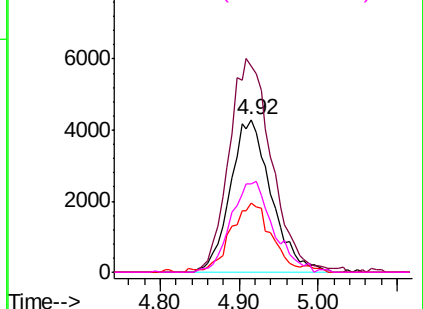
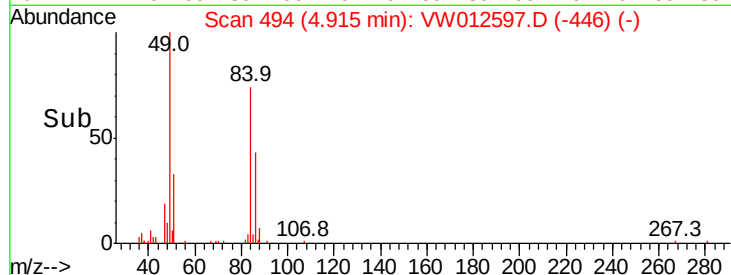


Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW



#33

1,2-Dichloroethane-d4

Concen: 58.201 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012597.D

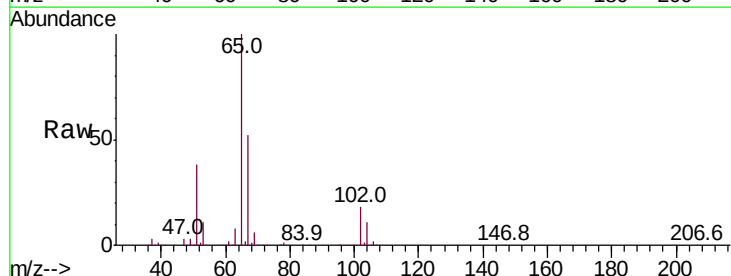
Acq: 04 Sep 2019 16:15

Tgt Ion: 65 Resp: 166273

Ion Ratio Lower Upper

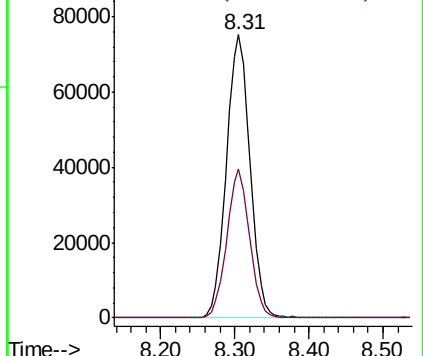
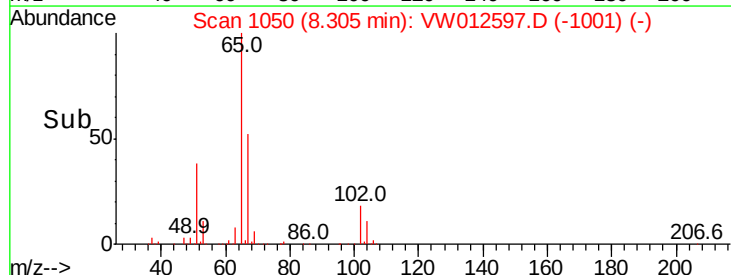
65 100

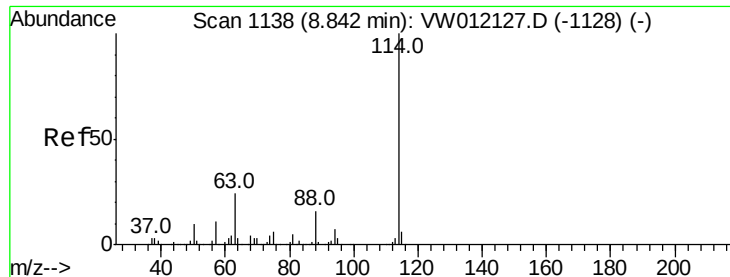
67 50.6 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

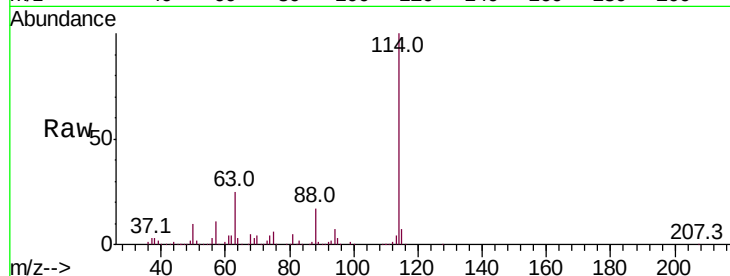




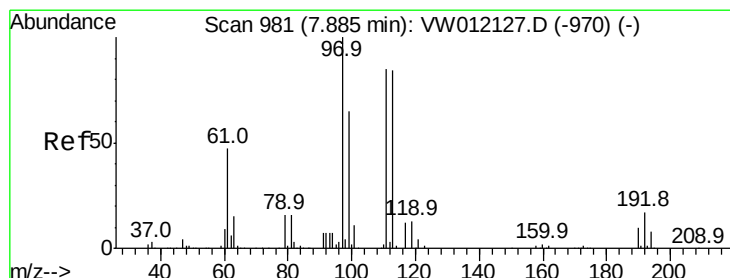
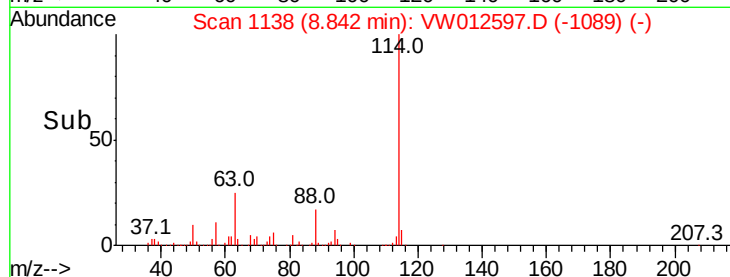
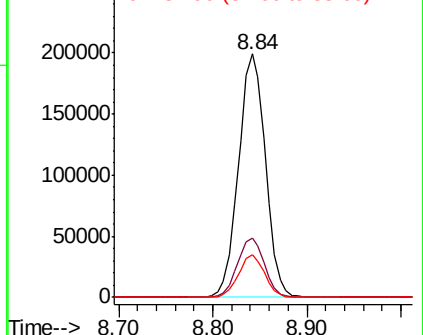
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW012597.D
Acq: 04 Sep 2019 16:15

Instrument :
MSVOA_W
ClientSampleId :
TP11-COMP

Tot Ion:114 Resp: 396425
Ion Ratio Lower Upper
114 100
63 24.6 0.0 48.6
88 17.3 0.0 32.2

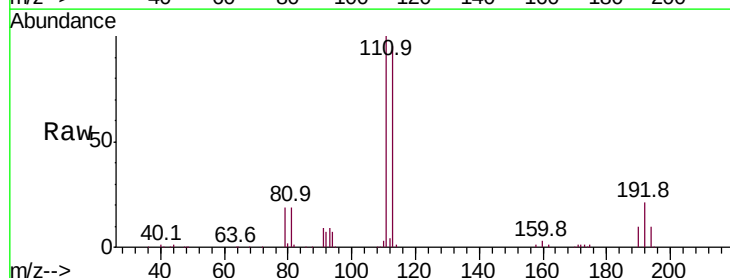


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

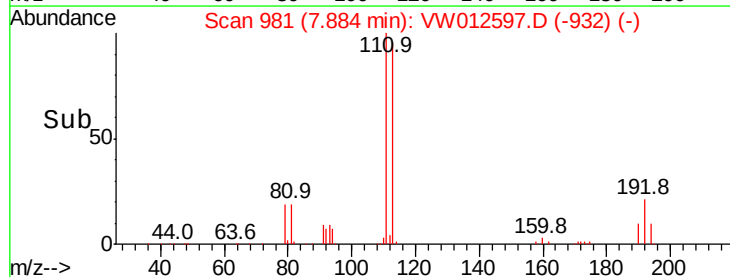
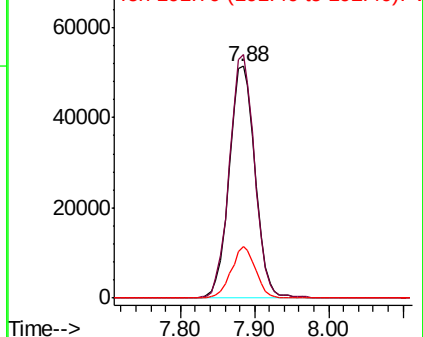


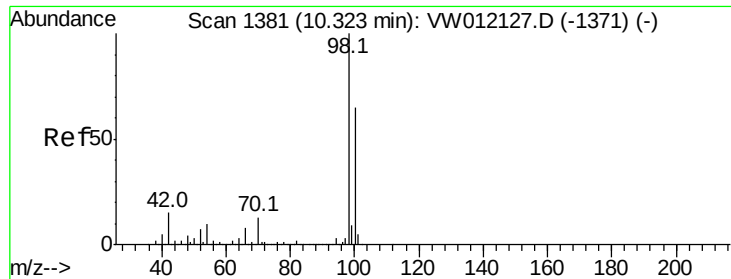
#35
Dibromofluoromethane
Concen: 52.815 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW012597.D
Acq: 04 Sep 2019 16:15

Tgt Ion:113 Resp: 124975
Ion Ratio Lower Upper
113 100
111 102.2 82.7 124.1
192 20.9 16.2 24.2



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

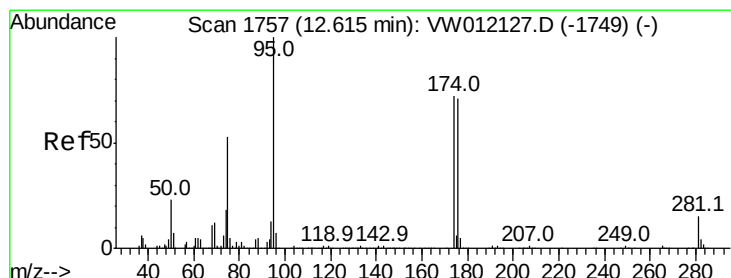
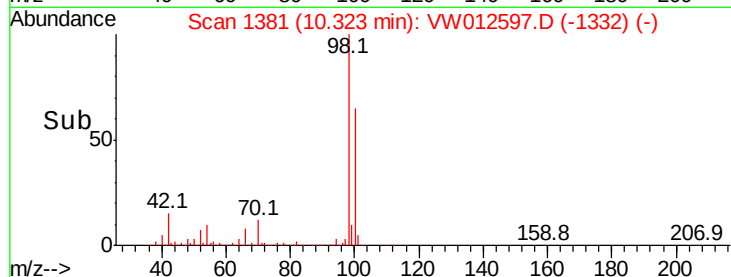
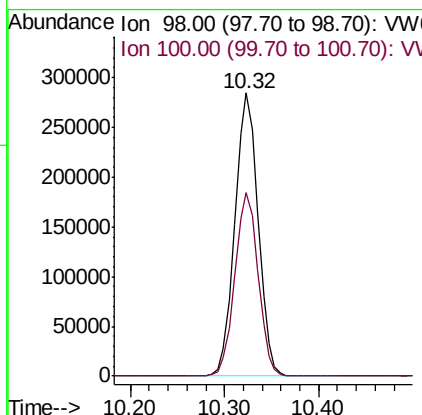
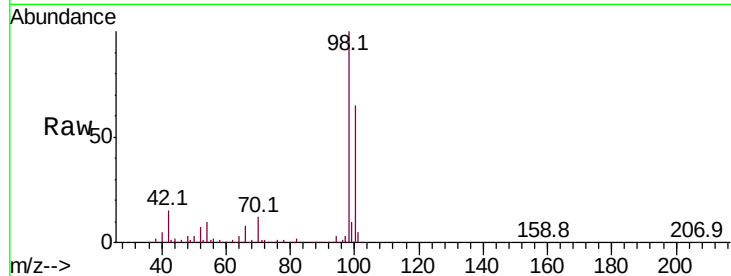




#50
Toluene-d8
Concen: 50.781 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012597.D
Acq: 04 Sep 2019 16:15

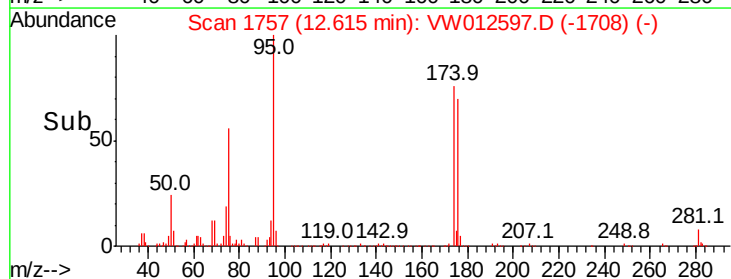
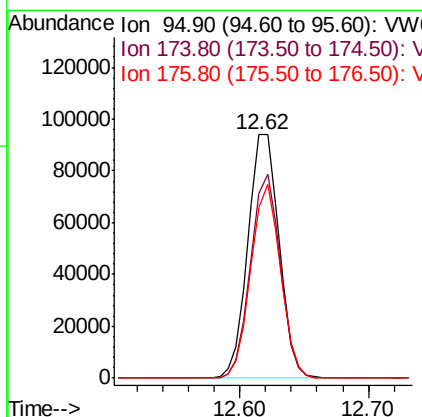
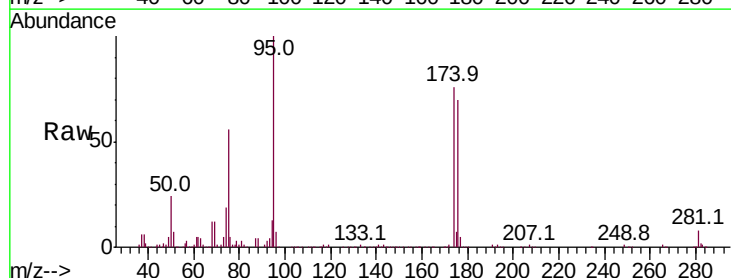
Instrument :
MSVOA_W
ClientSampleId :
TP11-COMP

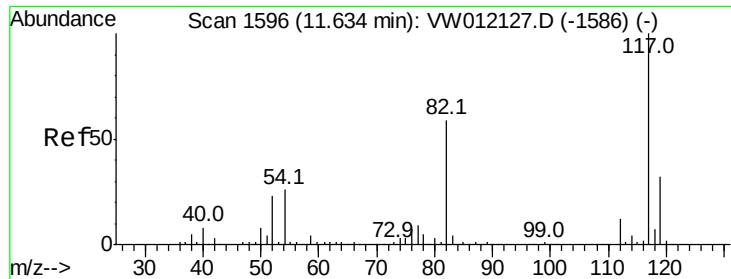
Tot Ion: 98 Resp: 487225
Ion Ratio Lower Upper
98 100
100 64.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.394 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012597.D
Acq: 04 Sep 2019 16:15

Tgt Ion: 95 Resp: 156909
Ion Ratio Lower Upper
95 100
174 79.8 0.0 150.8
176 75.8 0.0 148.6

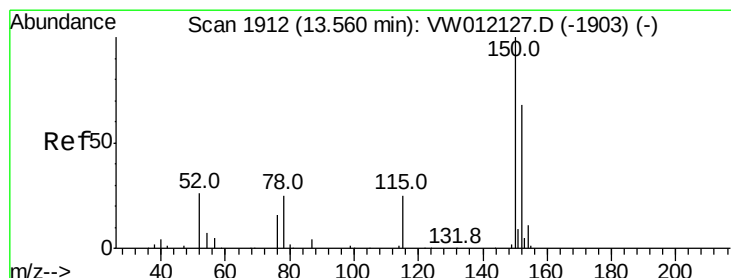
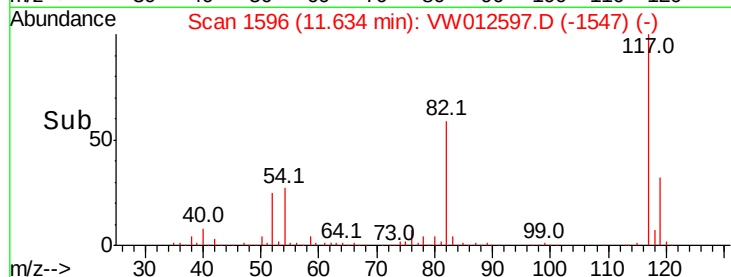
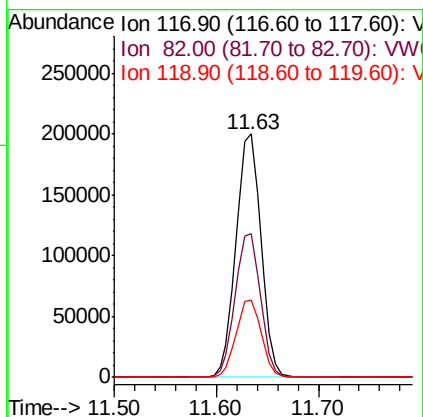
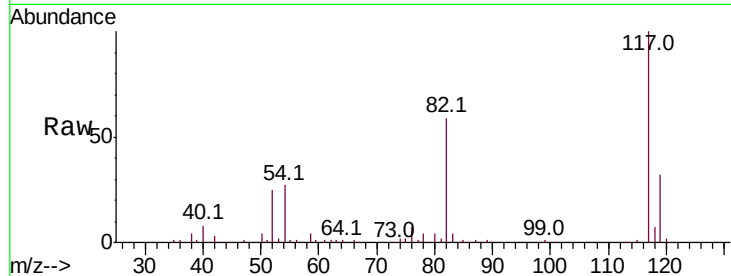




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012597.D
Acq: 04 Sep 2019 16:15

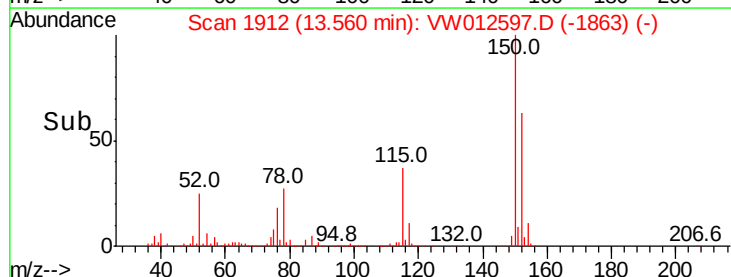
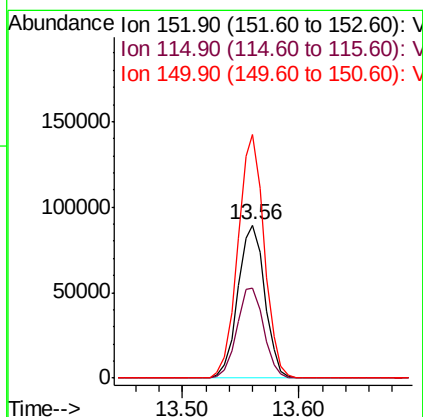
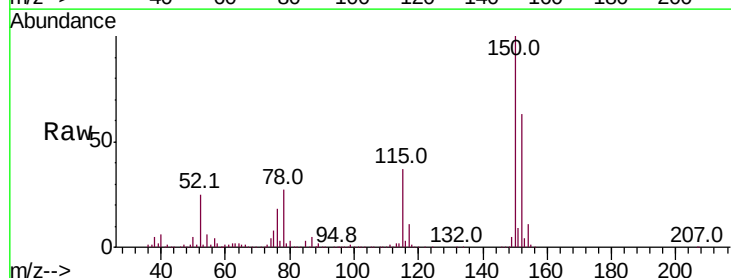
Instrument :
MSVOA_W
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TP11-COMP

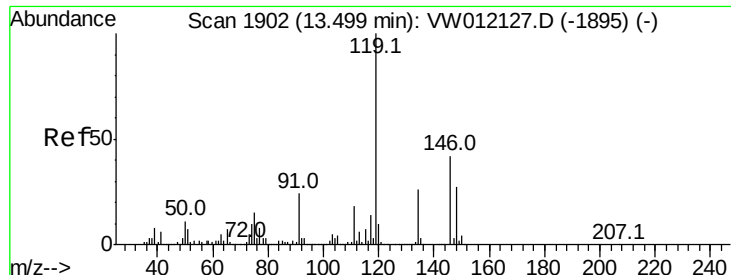
Tot Ion:117 Resp: 338369
Ion Ratio Lower Upper
117 100
82 59.0 47.4 71.2
119 31.8 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012597.D
Acq: 04 Sep 2019 16:15

Tgt Ion:152 Resp: 143802
Ion Ratio Lower Upper
152 100
115 59.0 30.1 90.3
150 155.8 0.0 345.8

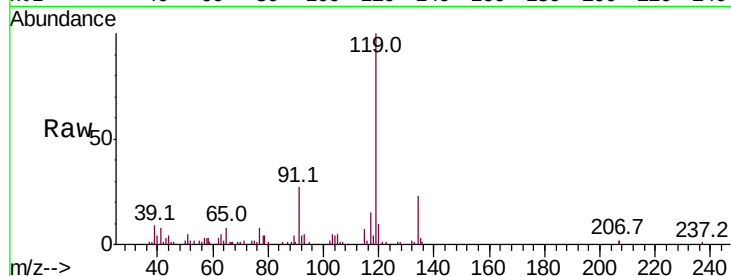




#86
 p-Isopropyltoluene
 Concen: 1.372 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.00 min
 Lab File: VW012597.D
 Acq: 04 Sep 2019 16:15

Instrument :
 MSVOA_W
 ClientSampleId :
 TP11-COMP

Tot Ion	Ratio	Lower	Upper
119	100		
134	27.1	12.8	38.3
91	28.7	12.3	36.9



Abundance

Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VW

