

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW013019\
 Data File : VW008463.D
 Acq On : 30 Jan 2019 14:04
 Operator : SY/VA
 Sample : K1282-05
 Misc : 6.10G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2

Quant Time: Jan 31 04:04:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

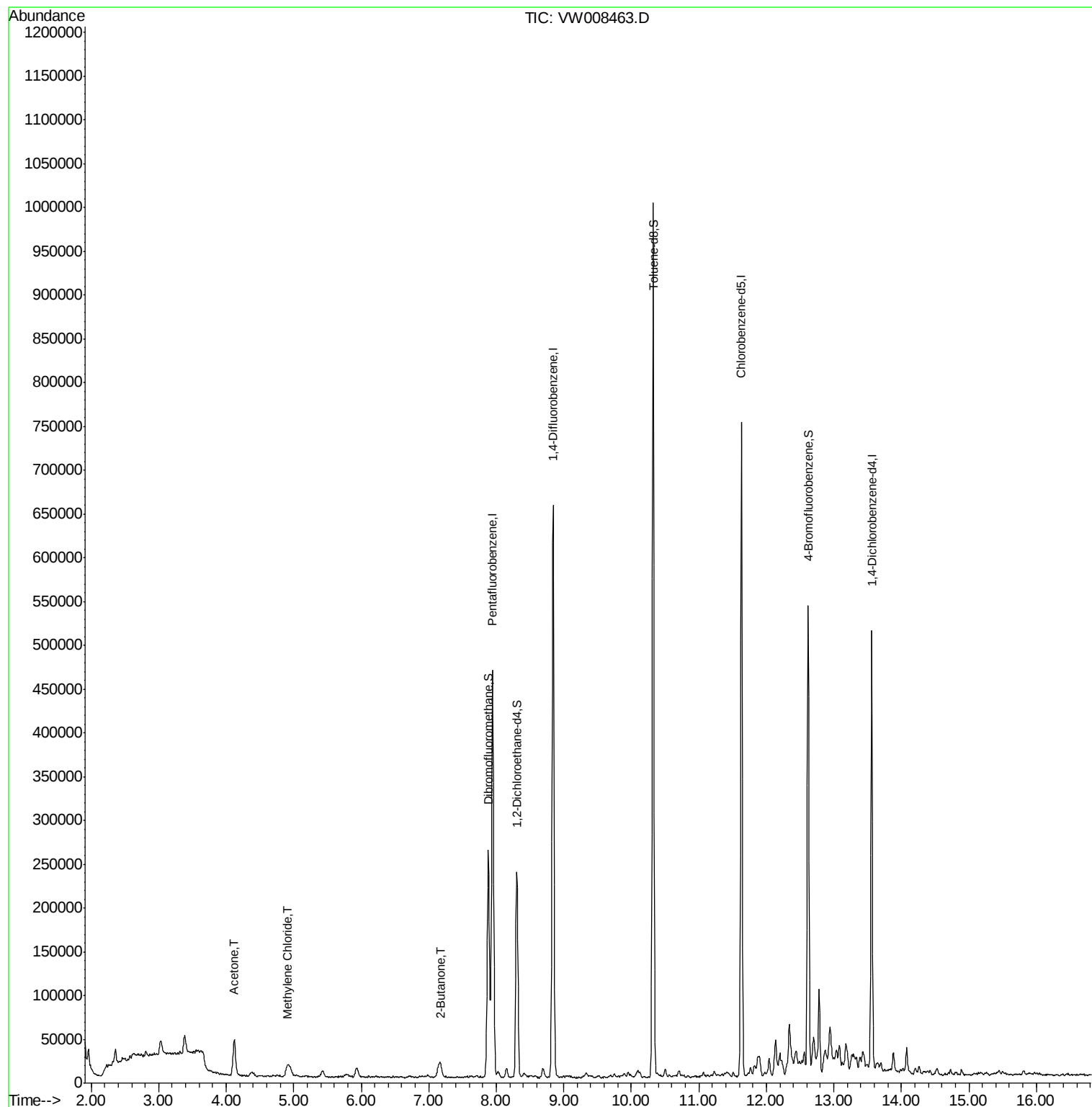
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	364317	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	559023	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	417441	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	130892	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	180504	50.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.86%	
35) Dibromofluoromethane	7.88	113	183882	56.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.50%	
50) Toluene-d8	10.32	98	651248	49.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.36%	
62) 4-Bromofluorobenzene	12.62	95	169951	33.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.46%	
Target Compounds						
16) Acetone	4.12	43	69913	86.985	ug/l	100
20) Methylene Chloride	4.91	84	9230	2.492	ug/l	92
25) 2-Butanone	7.18	43	22006	19.712	ug/l	99

(#) = 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: VW008463.D

Acq: 30 Jan 2019 14:04

Instrument :

MSVOA_W

ClientSampled :

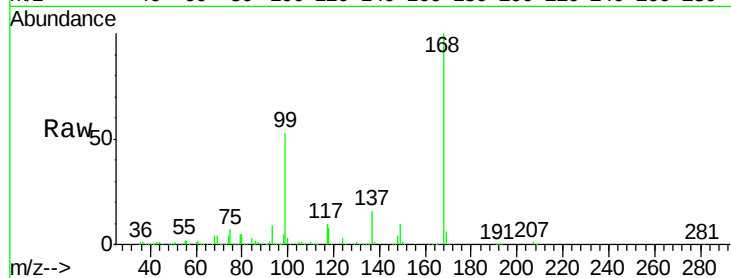
TP-2

Tot Ion:168 Resp: 364317

Ion Ratio Lower Upper

168 100

99 53.0 45.5 68.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

150000

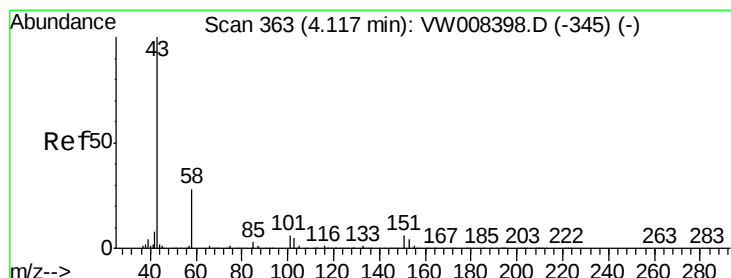
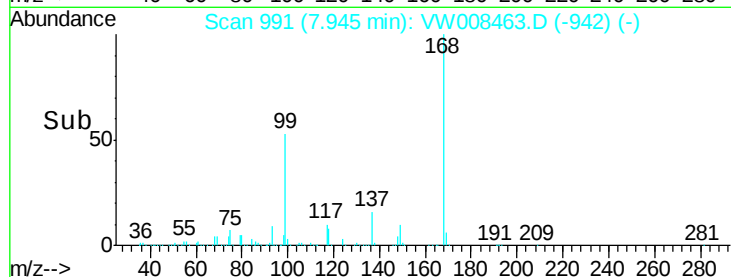
100000

50000

0

Time-->

7.90 8.00



#16

Acetone

Concen: 86.985 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.00 min

Lab File: VW008463.D

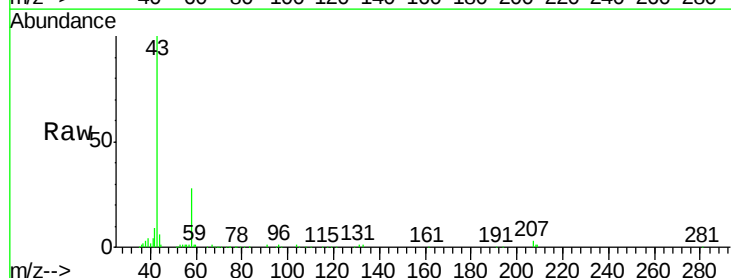
Acq: 30 Jan 2019 14:04

Tgt Ion: 43 Resp: 69913

Ion Ratio Lower Upper

43 100

58 28.1 22.6 34.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

30000

25000

20000

15000

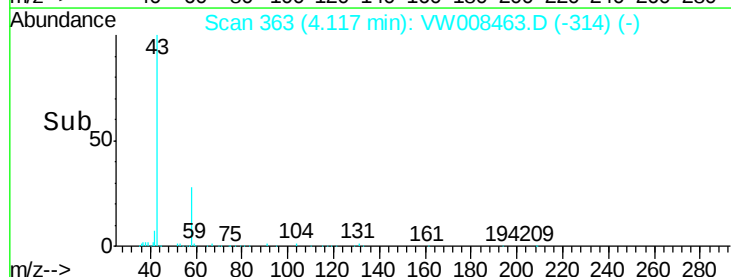
10000

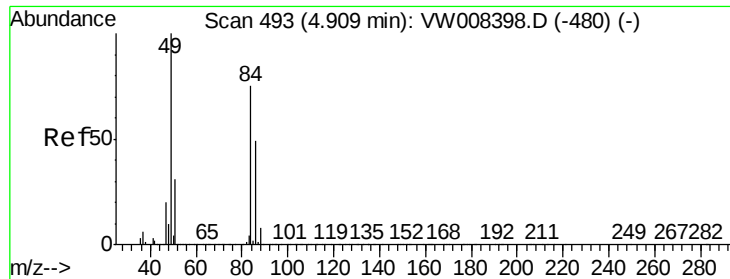
5000

0

Time-->

4.00 4.10 4.20

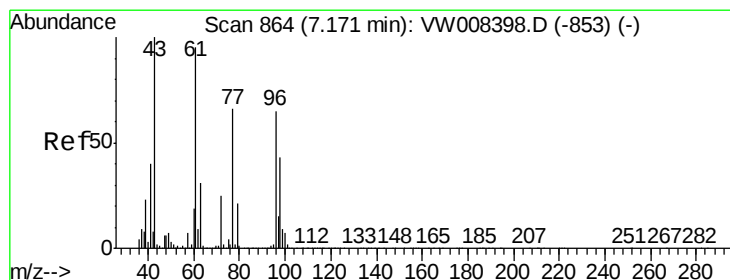
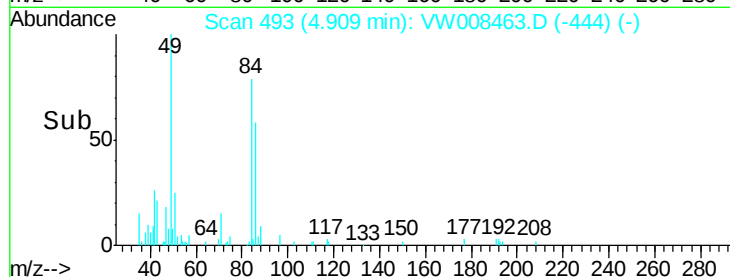
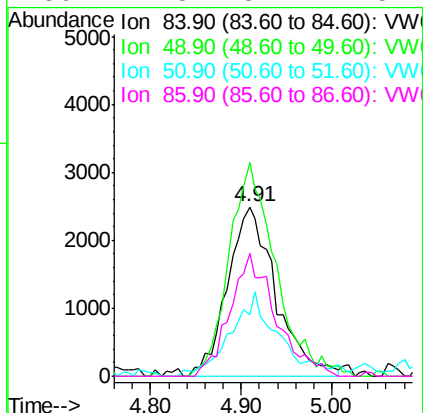
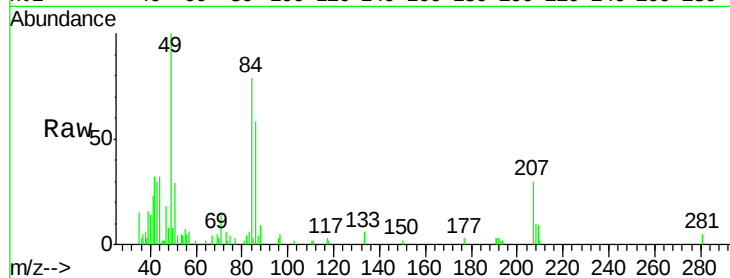




#20
Methylene Chloride
Concen: 2.492 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW008463.D
Acq: 30 Jan 2019 14:04

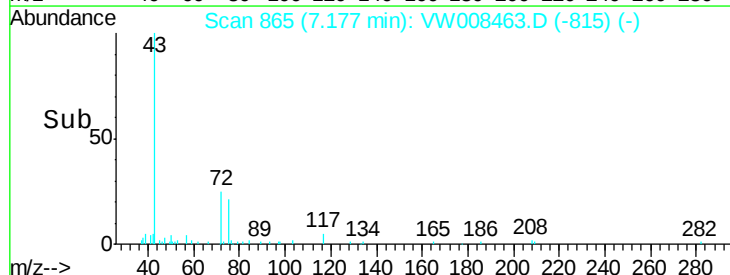
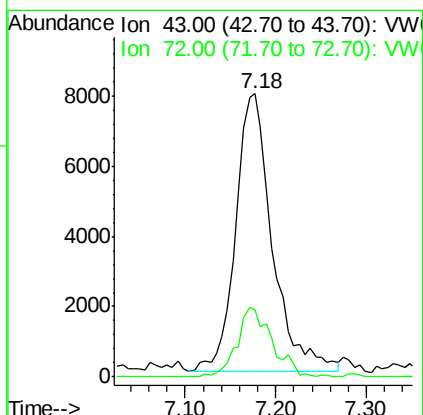
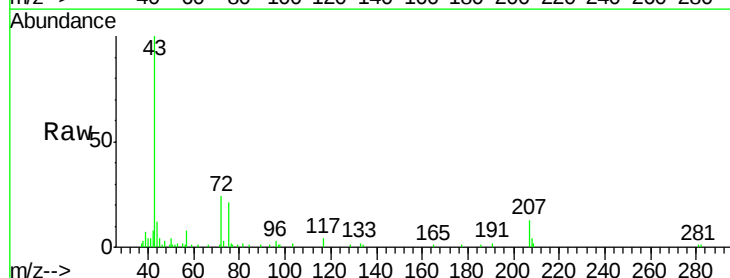
Instrument :
MSVOA_W
ClientSampled :
TP-2

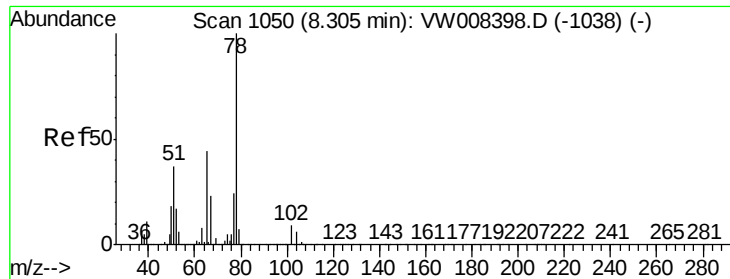
Tot Ion:	84	Resp:	9230
Ion	Ratio	Lower	Upper
84	100		
49	126.4	106.8	160.2
51	33.4	32.9	49.3
86	72.8	52.2	78.2



#25
2-Butanone
Concen: 19.712 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW008463.D
Acq: 30 Jan 2019 14:04

Tgt Ion:	43	Resp:	22006
Ion	Ratio	Lower	Upper
43	100		
72	24.4	20.1	30.1





#33

1,2-Dichloroethane-d4

Concen: 50.433 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW008463.D

Acq: 30 Jan 2019 14:04

Instrument :

MSVOA_W

ClientSampleId :

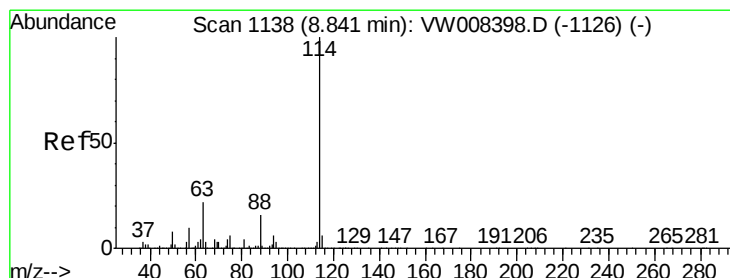
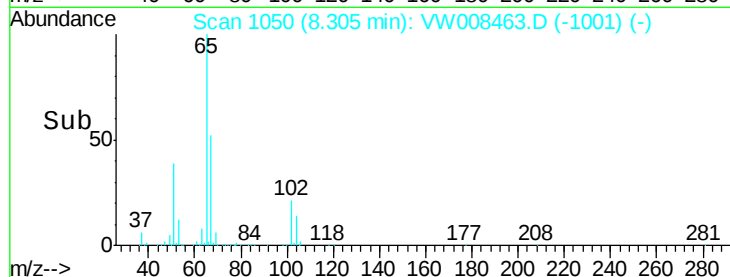
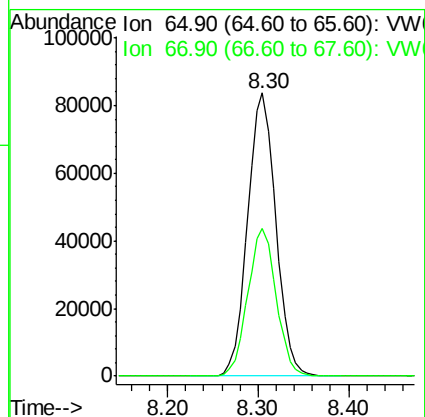
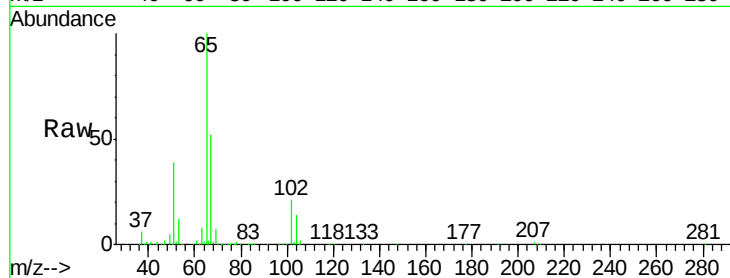
TP-2

Tot Ion: 65 Resp: 180504

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW008463.D

Acq: 30 Jan 2019 14:04

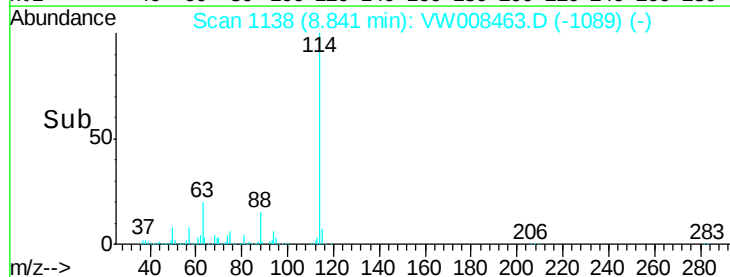
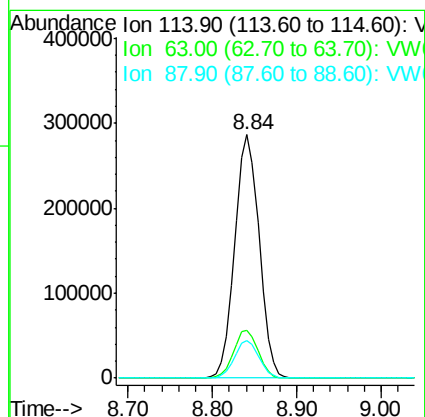
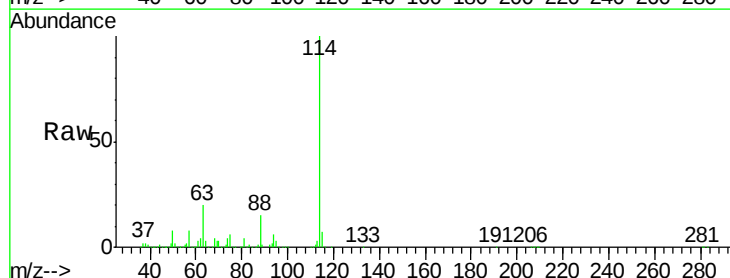
Tgt Ion: 114 Resp: 559023

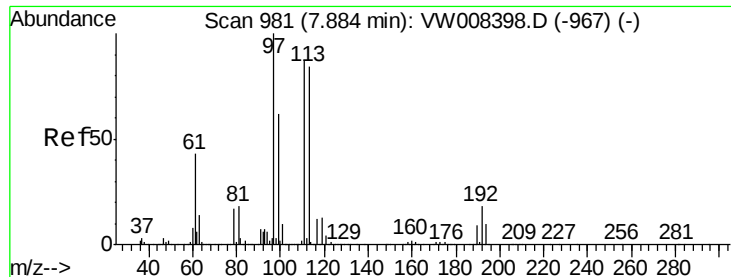
Ion Ratio Lower Upper

114 100

63 19.6 0.0 43.6

88 15.4 0.0 31.8

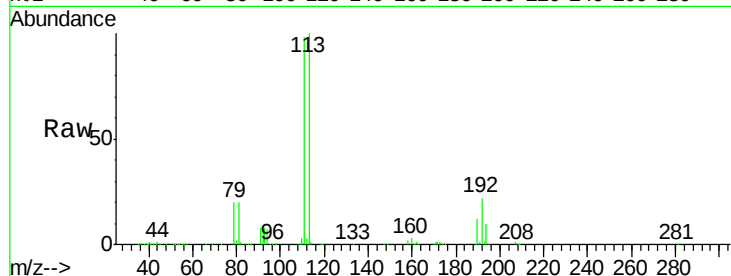




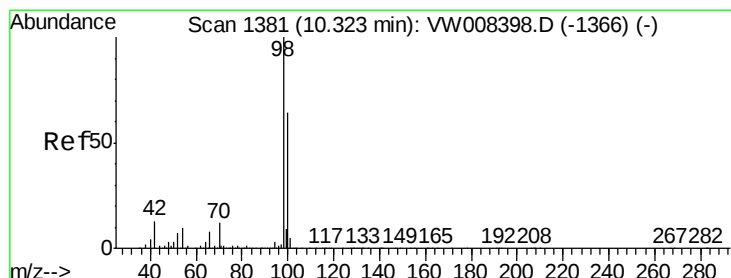
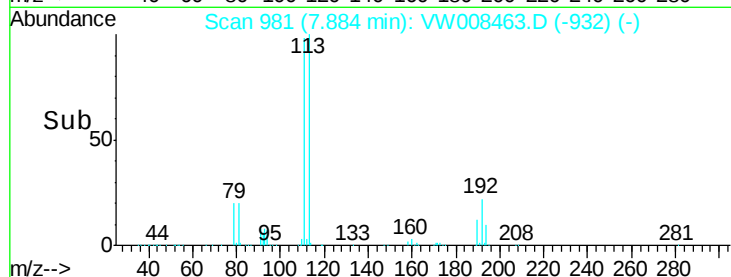
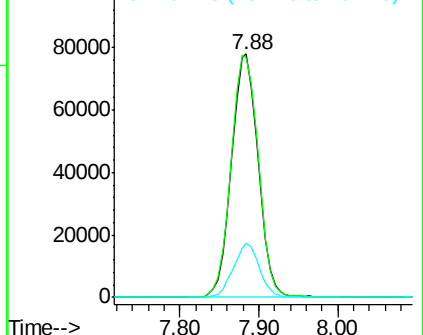
#35
Dibromofluoromethane
Concen: 56.254 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW008463.D
Acq: 30 Jan 2019 14:04

Instrument :
MSVOA_W
ClientSampleId :
TP-2

Tot Ion:113 Resp: 183882
Ion Ratio Lower Upper
113 100
111 101.9 81.0 121.4
192 21.5 16.8 25.2

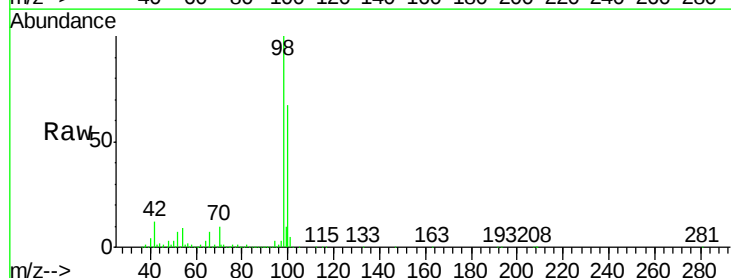


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

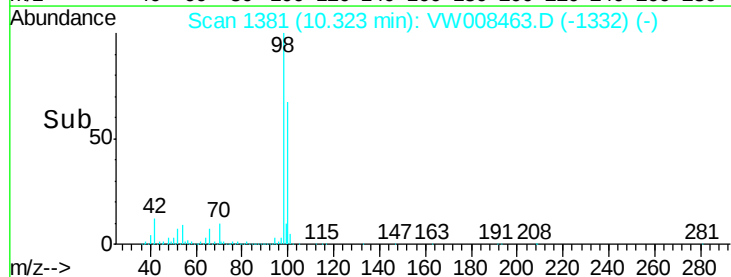
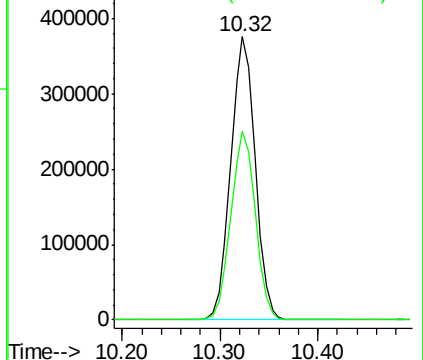


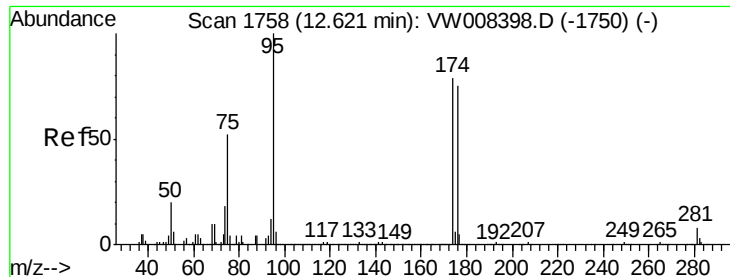
#50
Toluene-d8
Concen: 49.683 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008463.D
Acq: 30 Jan 2019 14:04

Tgt Ion: 98 Resp: 651248
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VW
Ion 100.00 (99.70 to 100.70): VW

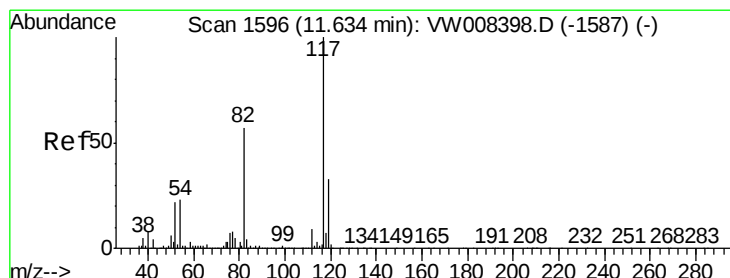
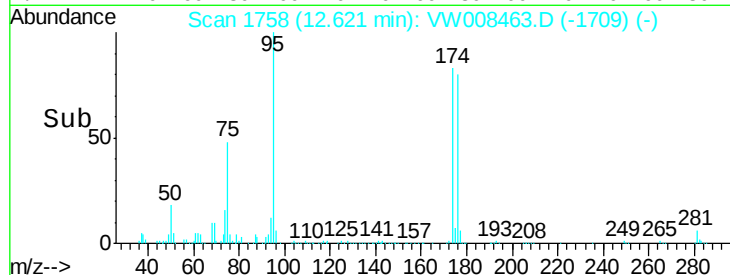
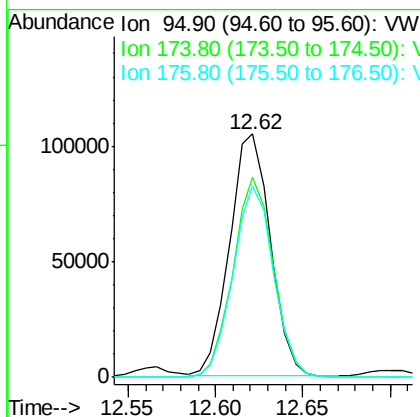
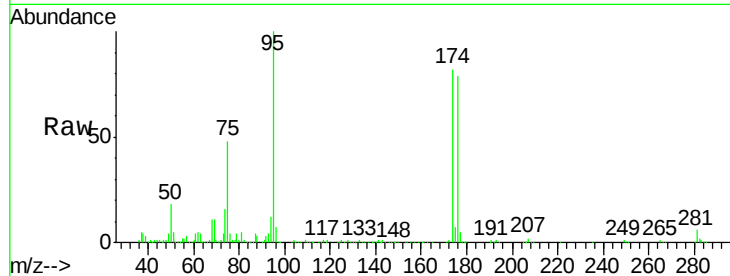




#62
4-Bromofluorobenzene
Concen: 33.730 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008463.D
Acq: 30 Jan 2019 14:04

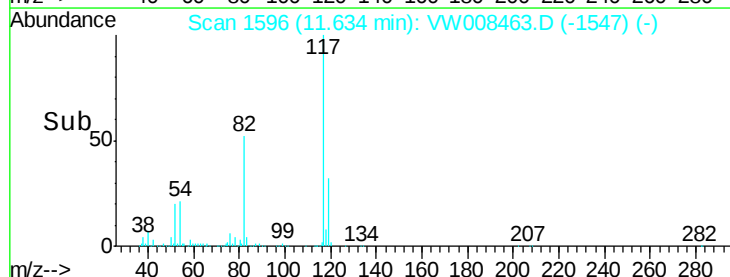
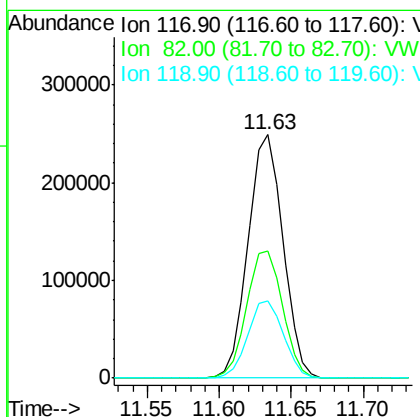
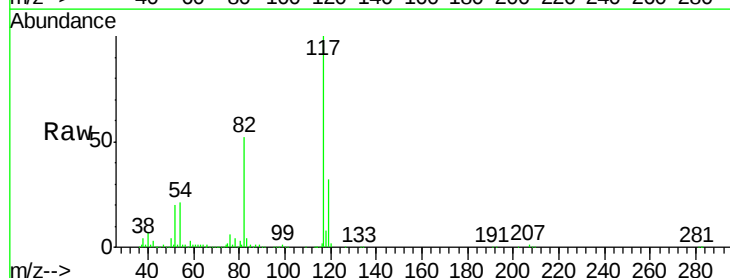
Instrument :
MSVOA_W
ClientSampled :
TP-2

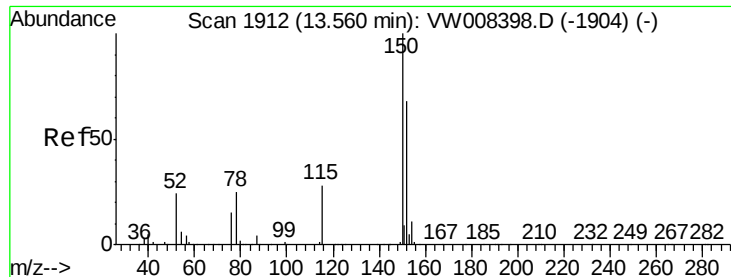
Tot Ion: 95 Resp: 169951
Ion Ratio Lower Upper
95 100
174 81.8 0.0 157.6
176 78.6 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008463.D
Acq: 30 Jan 2019 14:04

Tgt Ion: 117 Resp: 417441
Ion Ratio Lower Upper
117 100
82 52.0 45.4 68.0
119 31.9 26.2 39.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW008463.D

Acq: 30 Jan 2019 14:04

Instrument :

MSVOA_W

ClientSampleId :

TP-2

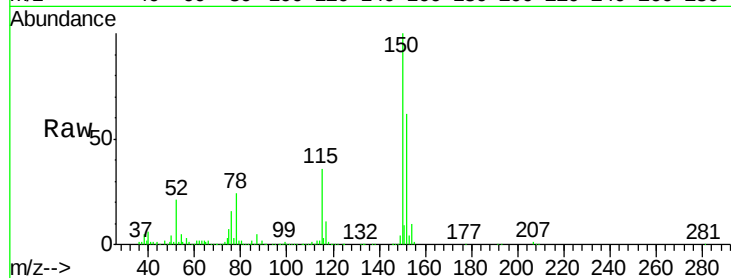
Tot Ion:152 Resp: 130892

Ion Ratio Lower Upper

152 100

115 58.2 29.9 89.7

150 160.3 0.0 351.4



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

