

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011519\
 Data File : VW008286.D
 Acq On : 15 Jan 2019 17:22
 Operator : SY/VA
 Sample : K1147-04
 Misc : 4.43G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2

Quant Time: Jan 16 01:49:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

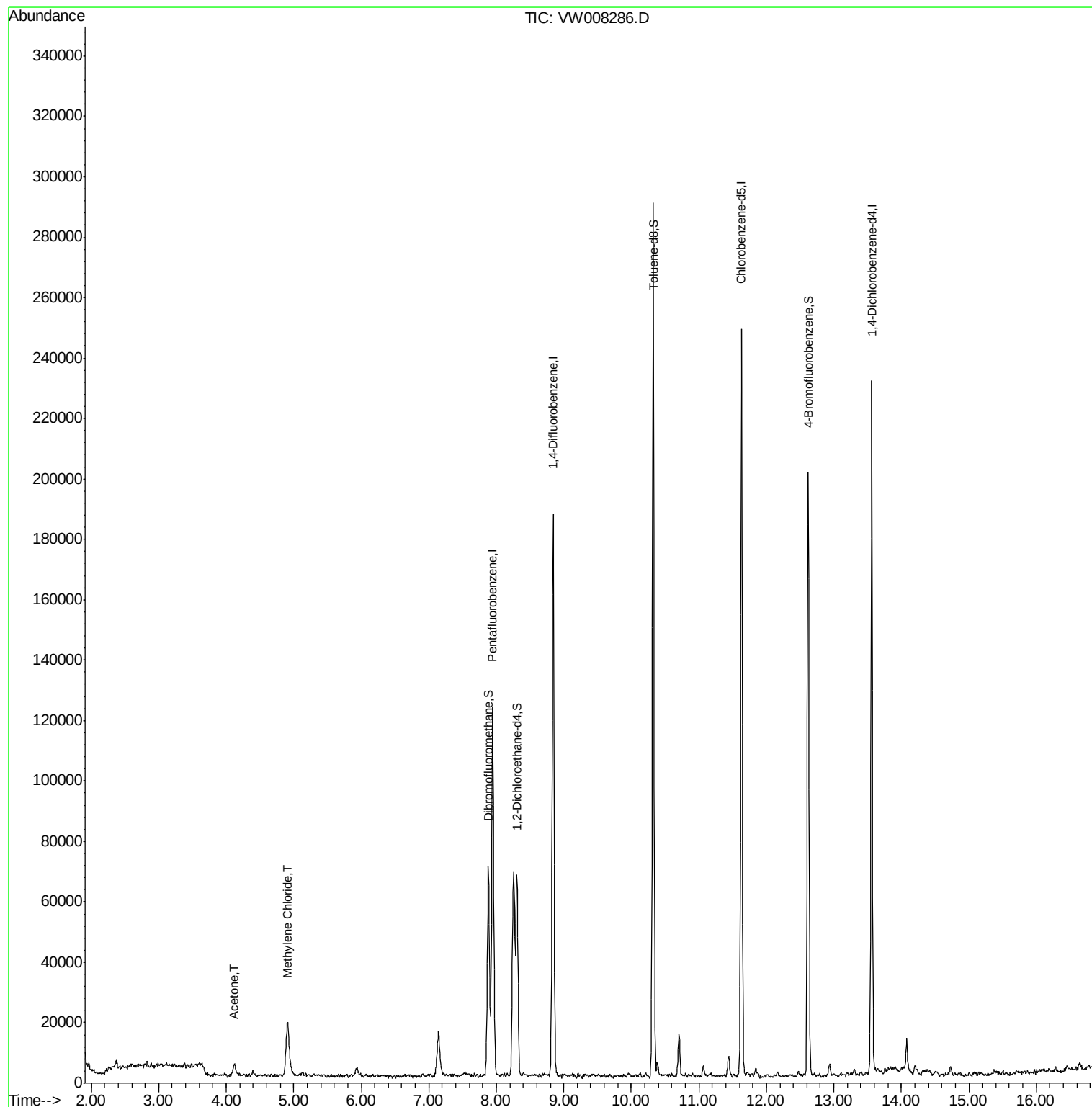
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	87526	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	155217	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	137526	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	57052	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	49651	50.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.94%	
35) Dibromofluoromethane	7.88	113	48378	53.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.88%	
50) Toluene-d8	10.32	98	189682	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
62) 4-Bromofluorobenzene	12.62	95	60057	44.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.20%	
Target Compounds						
16) Acetone	4.12	43	6388	16.361	ug/l	96
20) Methylene Chloride	4.91	84	15013	11.830	ug/l	84

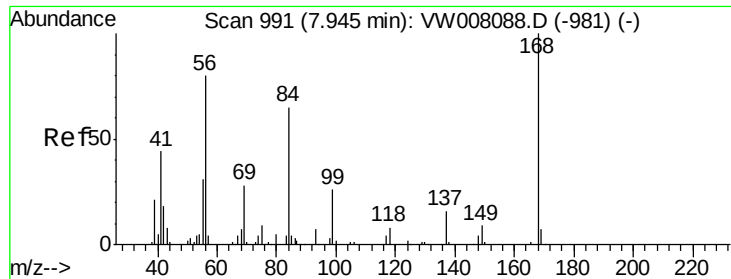
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW008286.D

Acq: 15 Jan 2019 17:22

Instrument :

MSVOA_W

ClientSampleId :

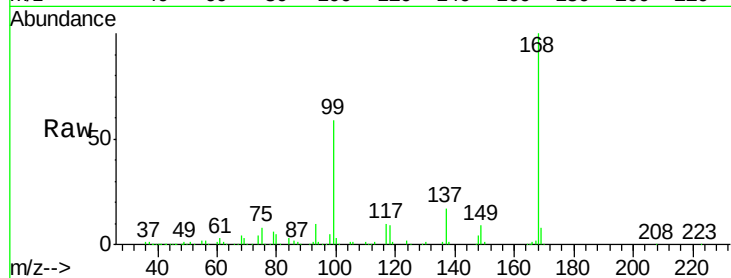
TP-2

Tot Ion:168 Resp: 87526

Ion Ratio Lower Upper

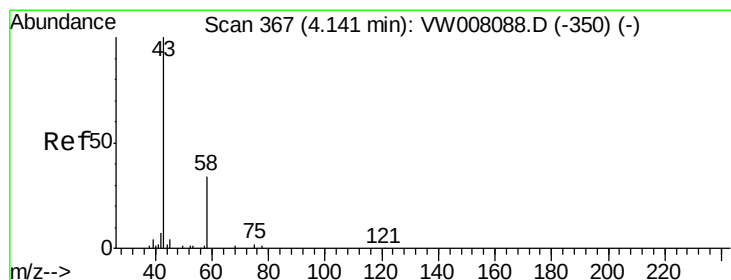
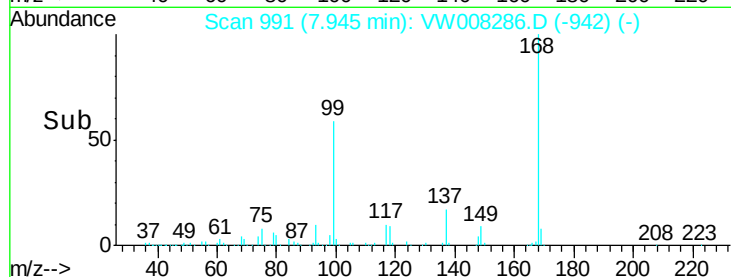
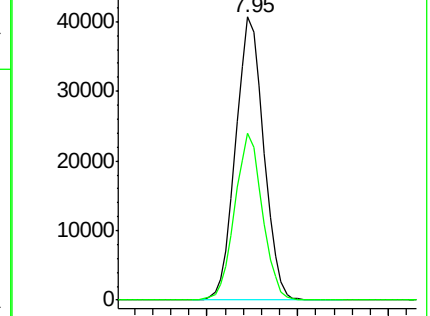
168 100

99 59.1 52.6 78.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 16.361 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.02 min

Lab File: VW008286.D

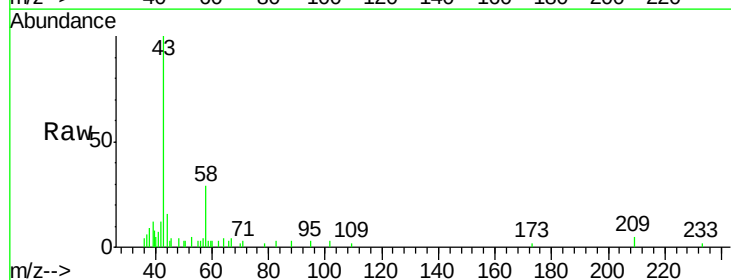
Acq: 15 Jan 2019 17:22

Tgt Ion: 43 Resp: 6388

Ion Ratio Lower Upper

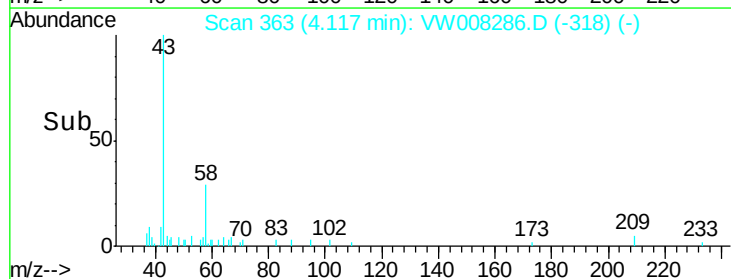
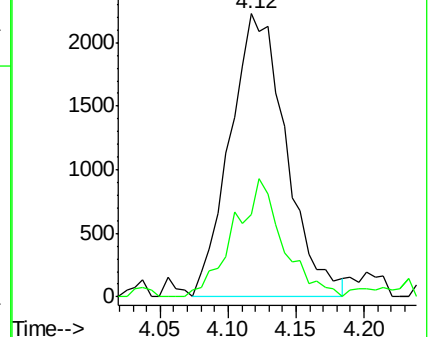
43 100

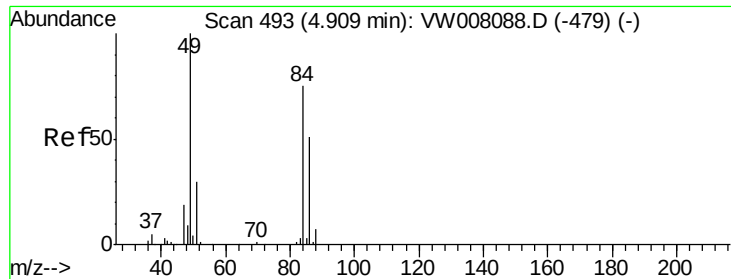
58 32.2 27.5 41.3



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

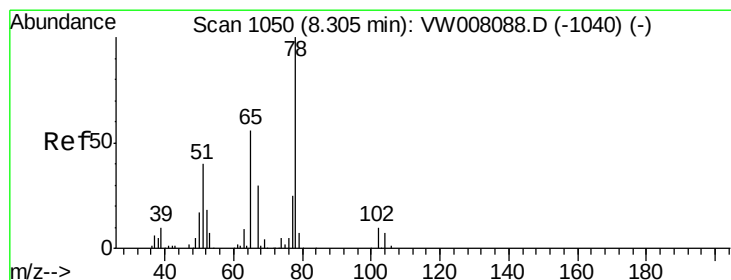
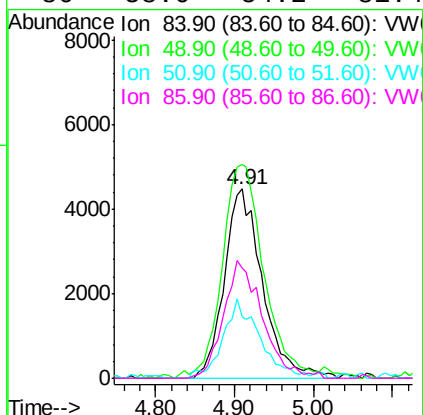
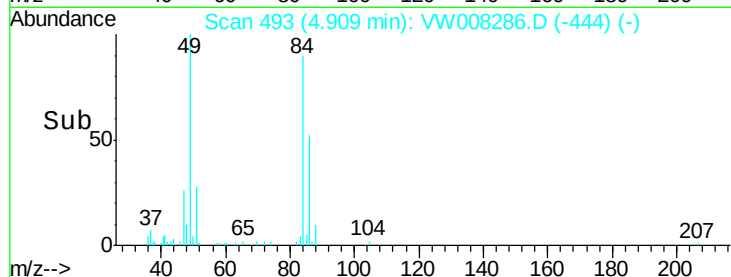
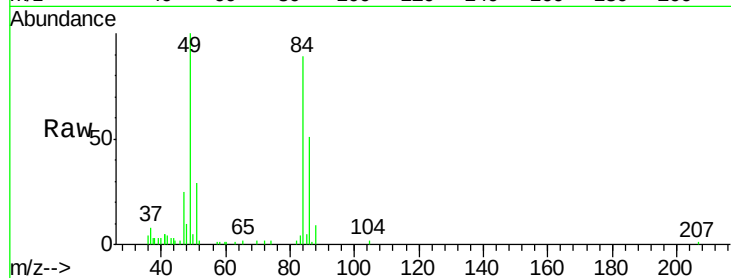




#20
Methylene Chloride
Concen: 11.830 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008286.D
Acq: 15 Jan 2019 17:22

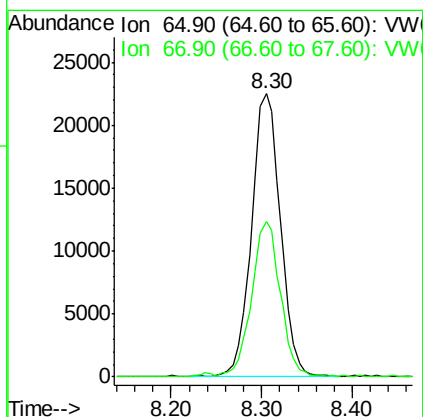
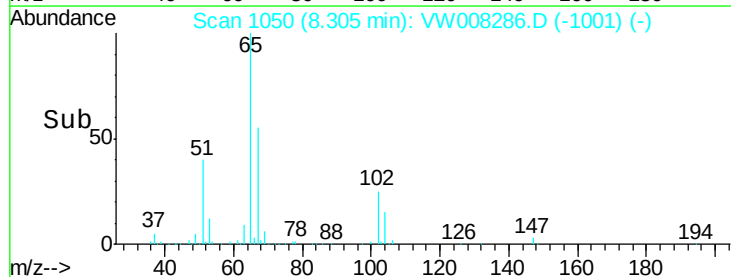
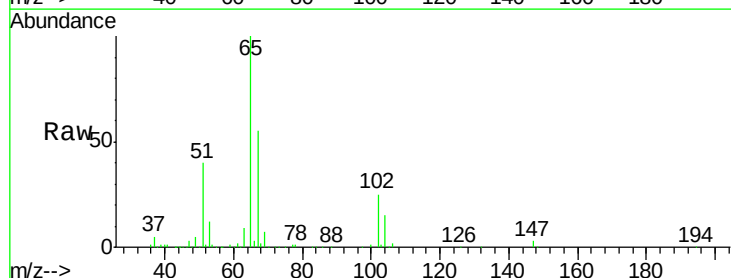
Instrument :
MSVOA_W
ClientSampleId :
TP-2

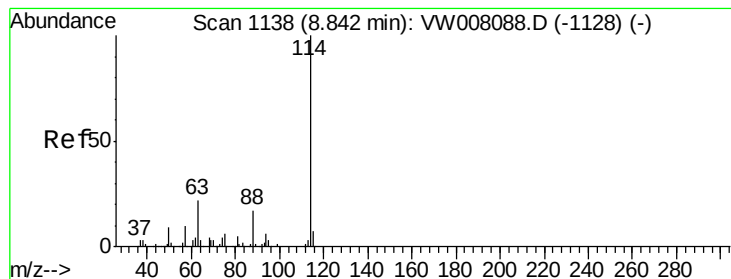
Tot Ion: 84 Resp: 15013
Ion Ratio Lower Upper
84 100
49 111.1 107.1 160.7
51 32.5 32.4 48.6
86 58.0 54.2 81.4



#33
1,2-Dichloroethane-d4
Concen: 50.473 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW008286.D
Acq: 15 Jan 2019 17:22

Tgt Ion: 65 Resp: 49651
Ion Ratio Lower Upper
65 100
67 54.8 0.0 106.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW008286.D

Acq: 15 Jan 2019 17:22

Instrument :

MSVOA_W

ClientSampled :

TP-2

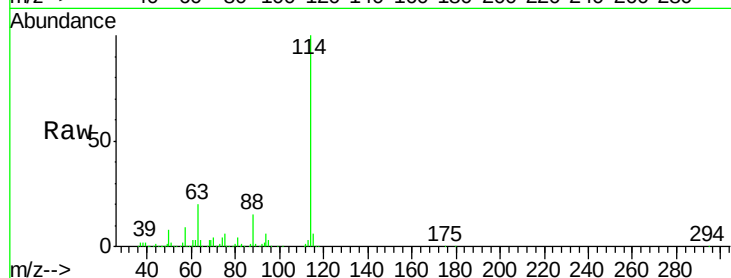
Tot Ion:114 Resp: 155217

Ion Ratio Lower Upper

114 100

63 19.7 0.0 43.4

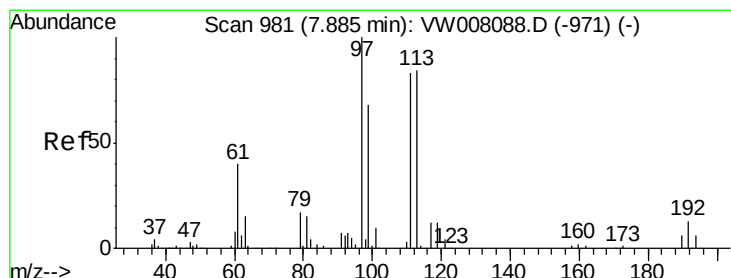
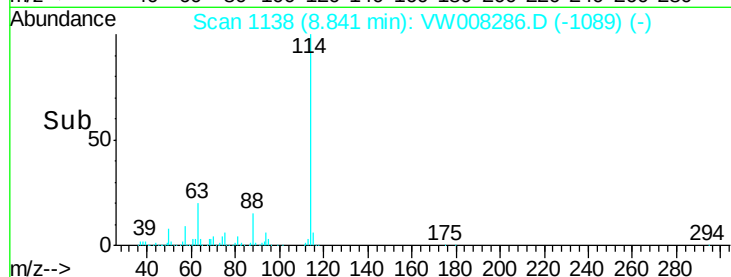
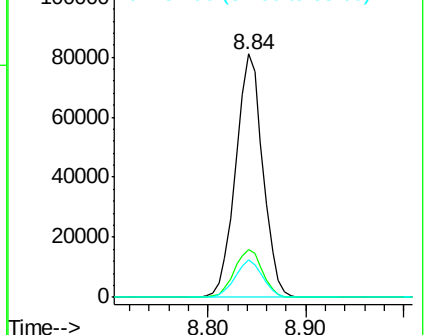
88 15.4 0.0 33.4



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: 53.440 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW008286.D

Acq: 15 Jan 2019 17:22

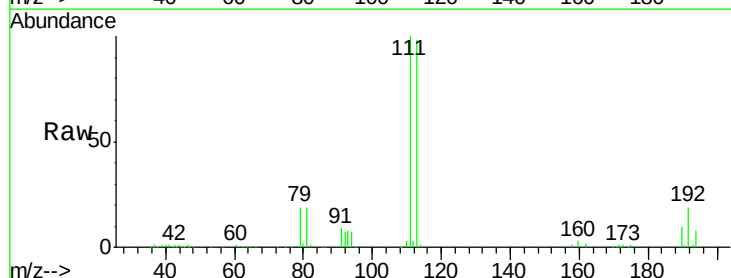
Tgt Ion:113 Resp: 48378

Ion Ratio Lower Upper

113 100

111 104.4 81.8 122.8

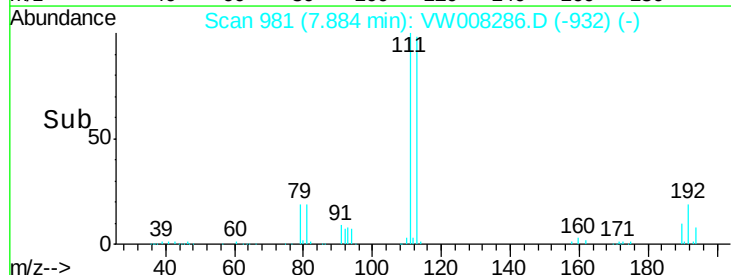
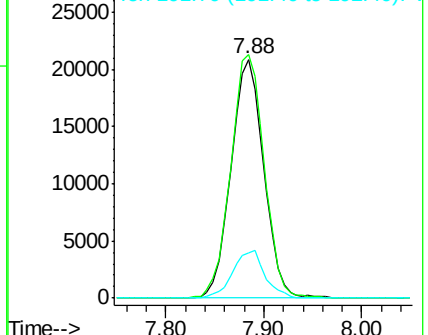
192 19.6 12.8 19.2#

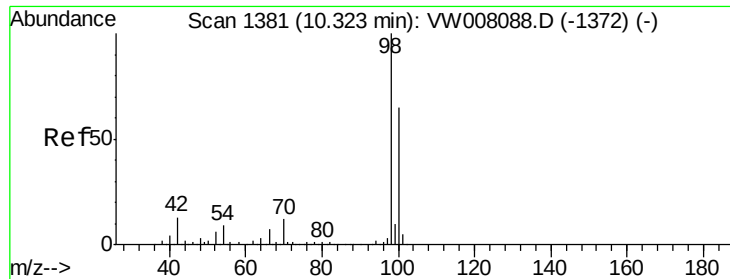


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

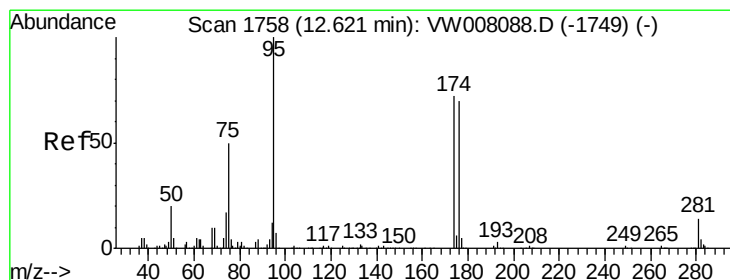
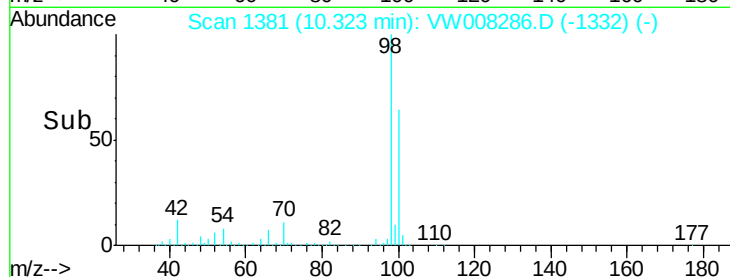
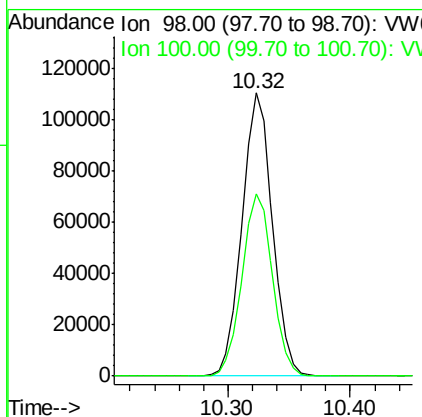
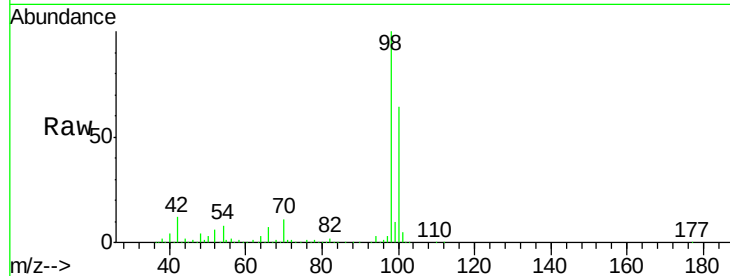




#50
Toluene-d8
Concen: 49.930 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008286.D
Acq: 15 Jan 2019 17:22

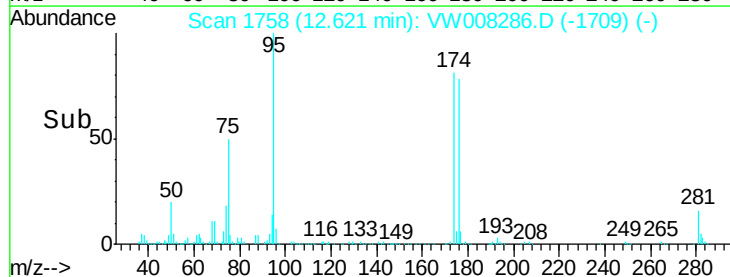
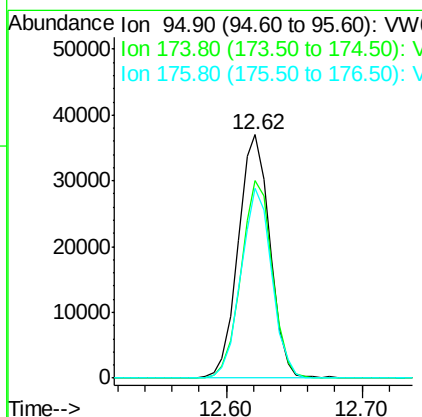
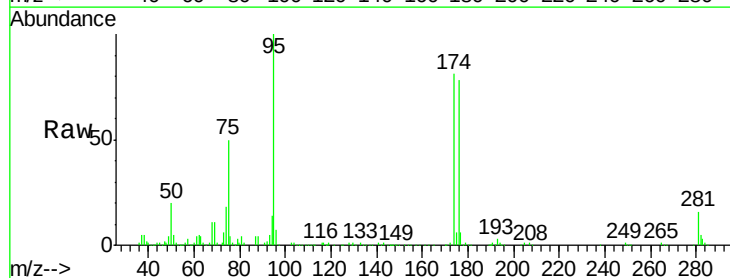
Instrument :
MSVOA_W
ClientSampled :
TP-2

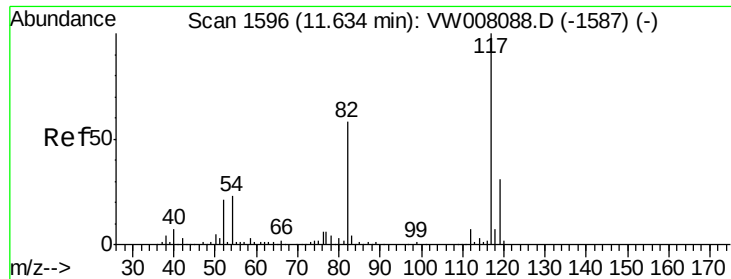
Tot Ion: 98 Resp: 189682
Ion Ratio Lower Upper
98 100
100 64.7 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 44.098 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008286.D
Acq: 15 Jan 2019 17:22

Tgt Ion: 95 Resp: 60057
Ion Ratio Lower Upper
95 100
174 80.0 0.0 143.0
176 76.0 0.0 140.2

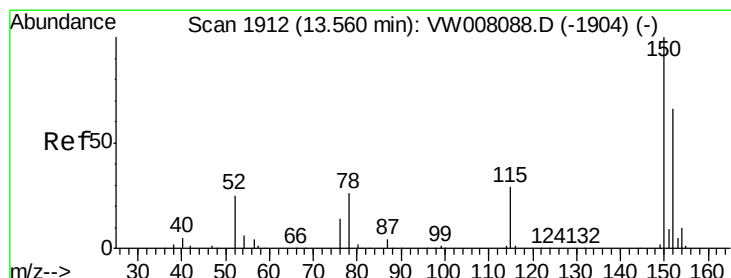
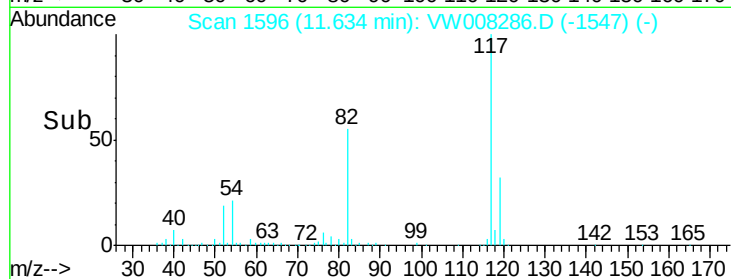
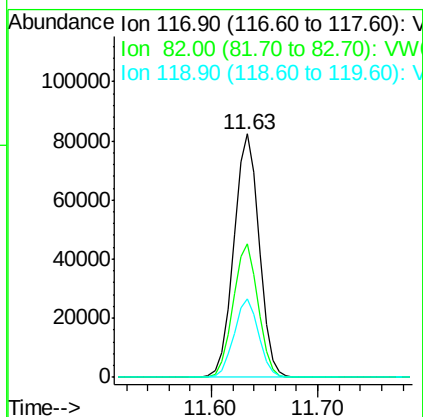
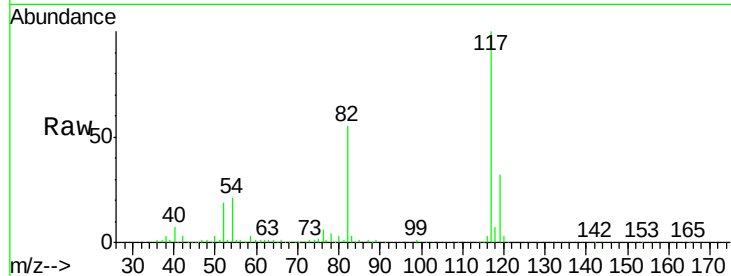




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008286.D
Acq: 15 Jan 2019 17:22

Instrument :
MSVOA_W
ClientSampled :
TP-2

Tot Ion:117 Resp: 137526
Ion Ratio Lower Upper
117 100
82 54.6 46.4 69.6
119 32.3 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008286.D
Acq: 15 Jan 2019 17:22

Tgt Ion:152 Resp: 57052
Ion Ratio Lower Upper
152 100
115 59.3 30.8 92.4
150 161.7 0.0 350.2

