

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100919\
 Data File : VW013506.D
 Acq On : 09 Oct 2019 16:10
 Operator : SY/VA
 Sample : K5285-09
 Misc : 5.05G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2-S1

Quant Time: Oct 10 03:29:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 05:54:09 2019
 Response via : Initial Calibration

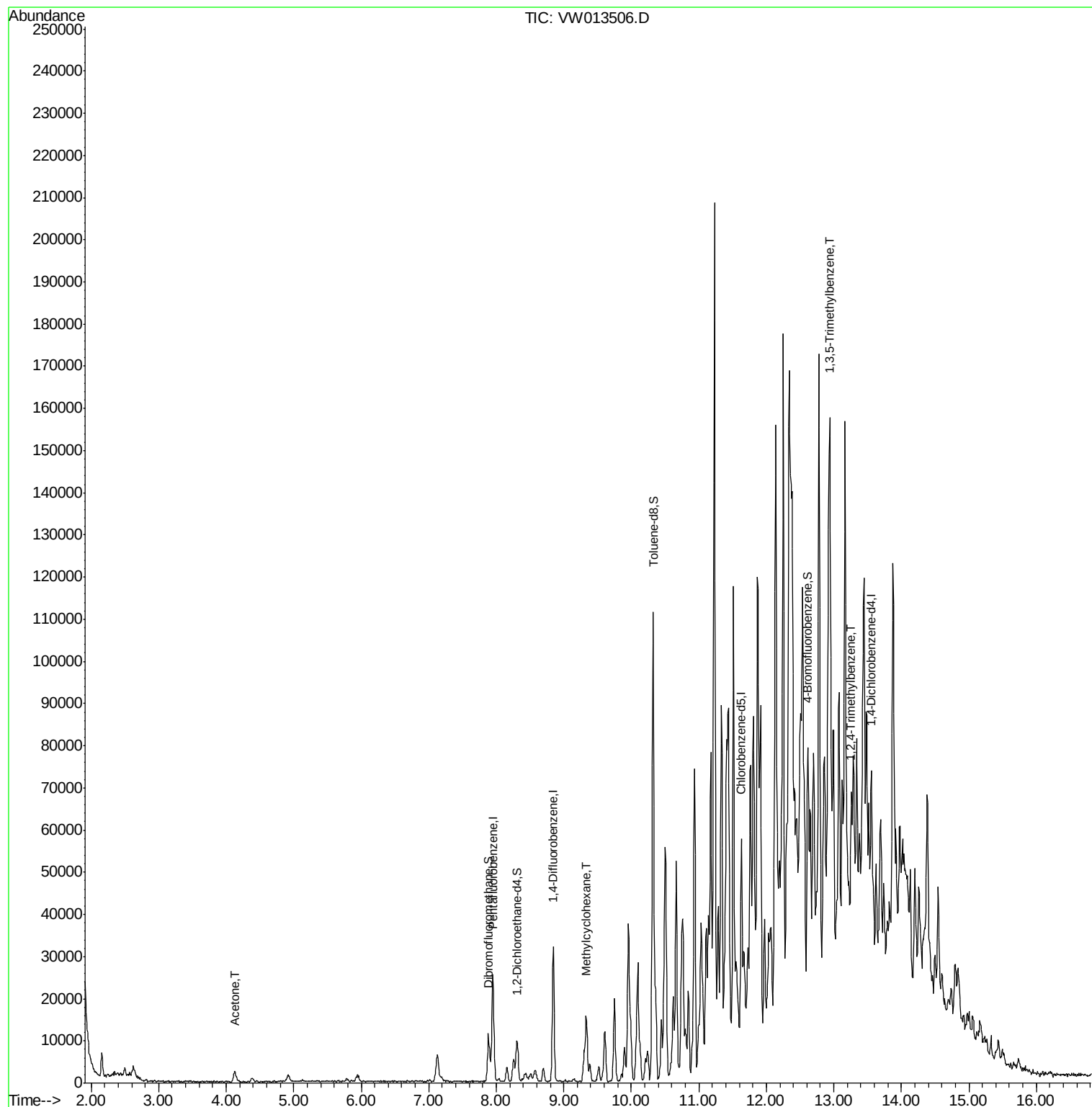
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	21592	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	28258	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	23281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	7936	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	7779	46.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.26%	
35) Dibromofluoromethane	7.88	113	8338	52.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.66%	
50) Toluene-d8	10.33	98	36618	55.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.42%	
62) 4-Bromofluorobenzene	12.62	95	13411	60.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.38%	
Target Compounds						
16) Acetone	4.12	43	4873	125.528	ug/l	92
39) Methylcyclohexane	9.34	83	6142	18.545	ug/l #	81
80) 1,3,5-Trimethylbenzene	12.94	105	3245	6.870	ug/l	95
84) 1,2,4-Trimethylbenzene	13.25	105	3974	8.507	ug/l	84

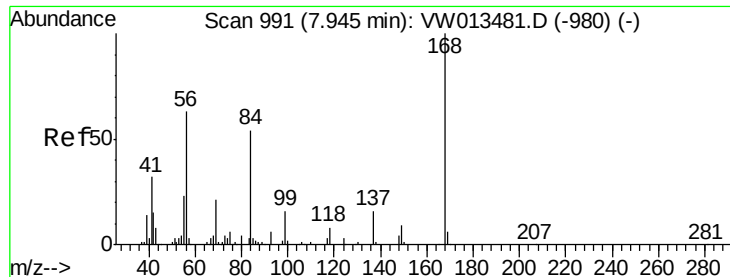
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 09 05:54:09 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: VW013506.D

Acq: 09 Oct 2019 16:10

Instrument :

MSVOA_W

ClientSampleId :

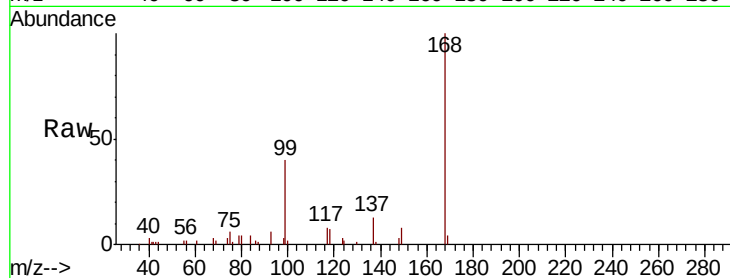
TP-2-S1

Tot Ion:168 Resp: 21592

Ion Ratio Lower Upper

168 100

99 40.5 38.3 57.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

12000

10000

8000

6000

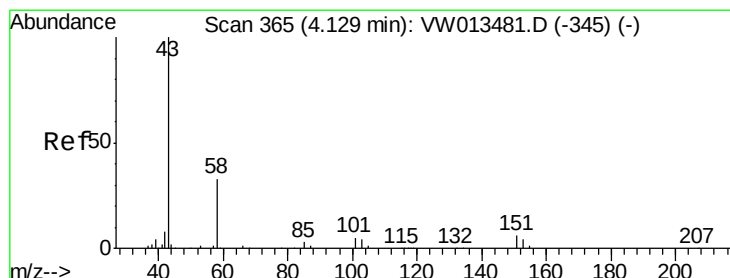
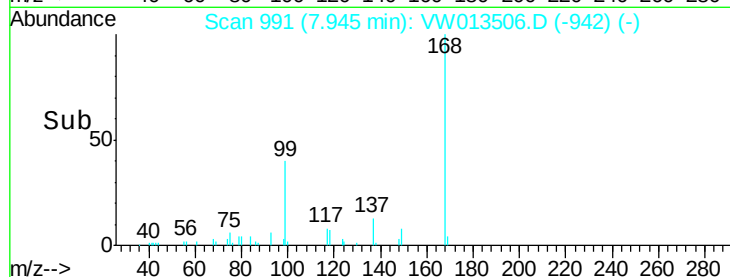
4000

2000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#16

Acetone

Concen: 125.528 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW013506.D

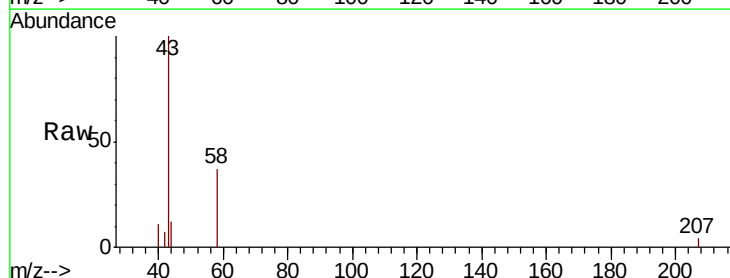
Acq: 09 Oct 2019 16:10

Tgt Ion: 43 Resp: 4873

Ion Ratio Lower Upper

43 100

58 37.2 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

1500

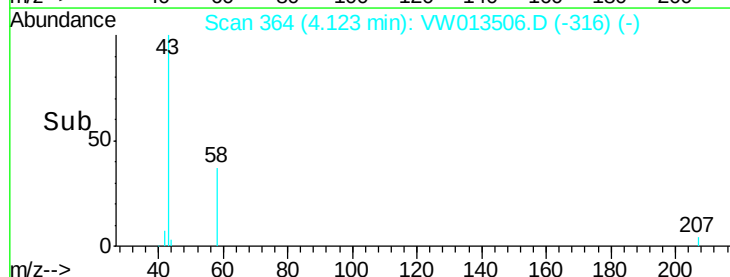
1000

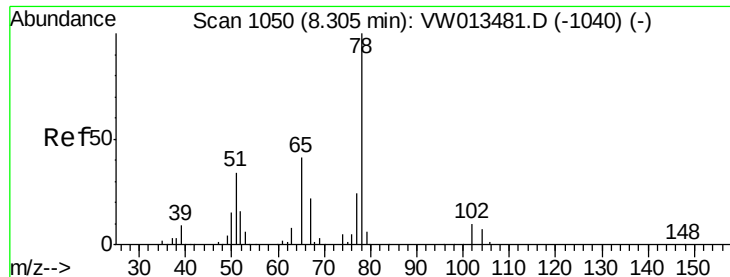
500

0

4.10 4.20

Time-->

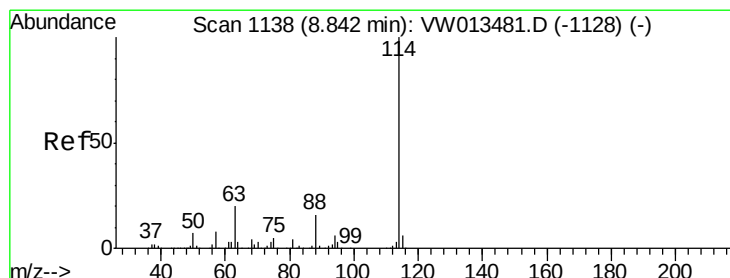
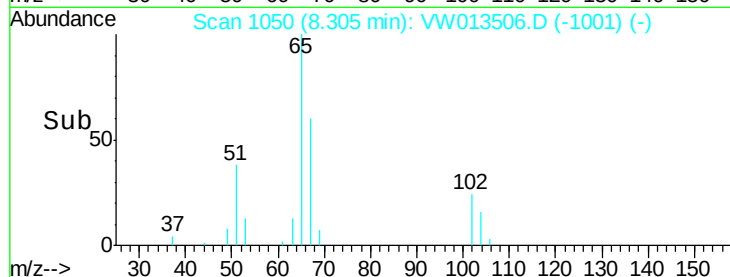
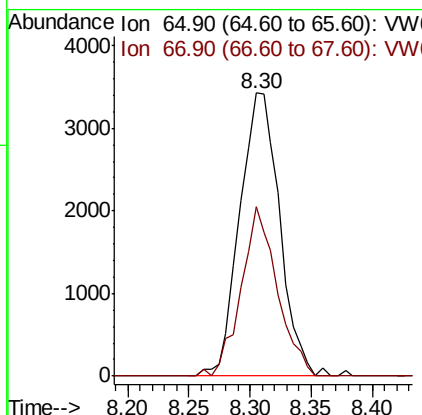
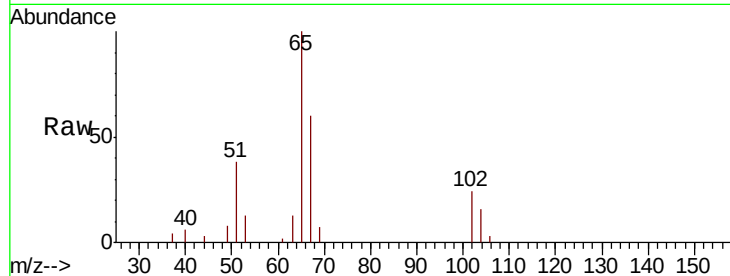




#33
 1,2-Dichloroethane-d4
 Concen: 46.631 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW013506.D
 Acq: 09 Oct 2019 16:10

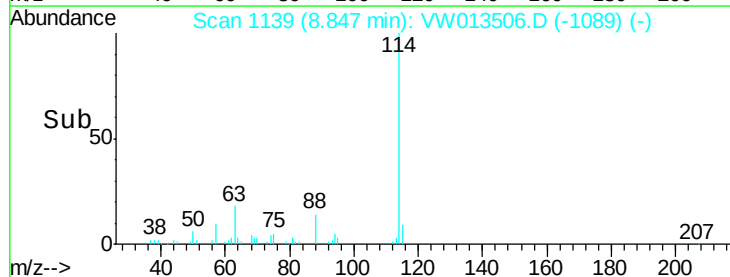
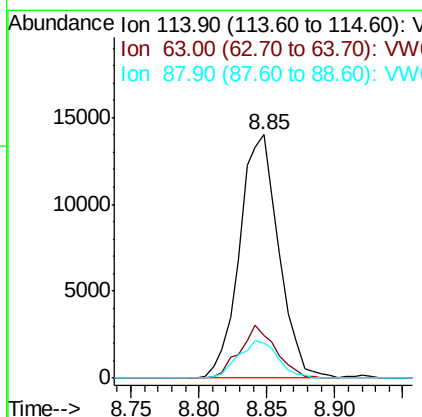
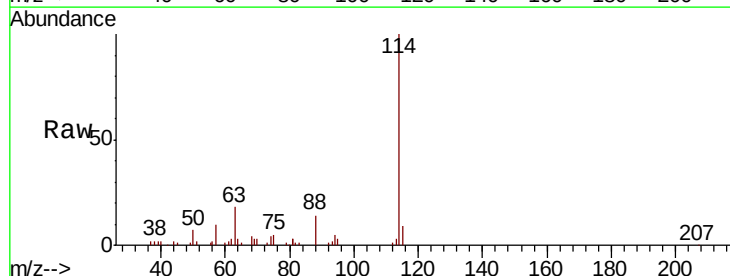
Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2-S1

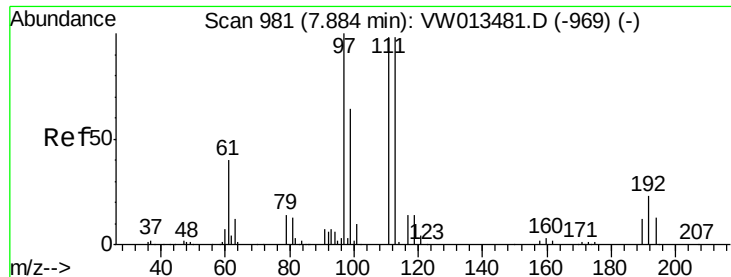
Tot Ion: 65 Resp: 7779
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 109.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: VW013506.D
 Acq: 09 Oct 2019 16:10

Tgt Ion: 114 Resp: 28258
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 40.4
 88 14.5 0.0 31.4





#35

Dibromofluoromethane

Concen: 52.830 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW013506.D

Acq: 09 Oct 2019 16:10

Instrument :

MSVOA_W

ClientSampleId :

TP-2-S1

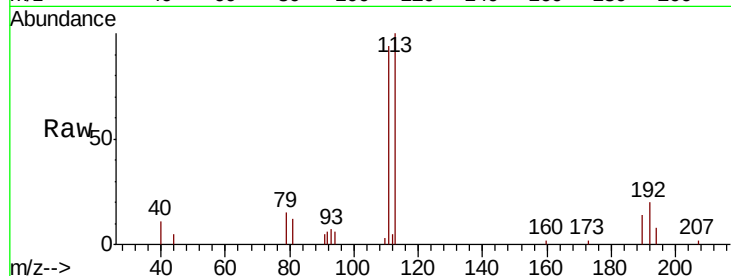
Tot Ion:113 Resp: 8338

Ion Ratio Lower Upper

113 100

111 97.9 82.3 123.5

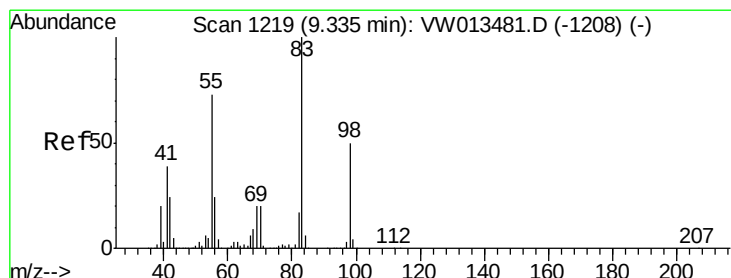
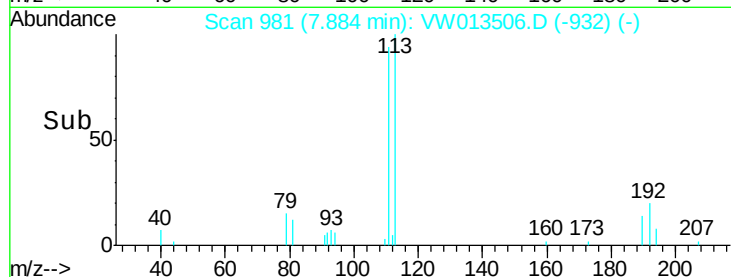
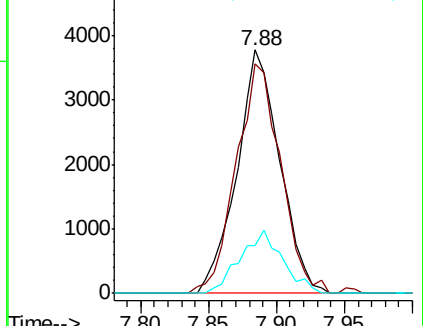
192 25.4 19.3 28.9



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



#39

Methylcyclohexane

Concen: 18.545 ug/l

RT: 9.34 min Scan# 1220

Delta R.T. 0.01 min

Lab File: VW013506.D

Acq: 09 Oct 2019 16:10

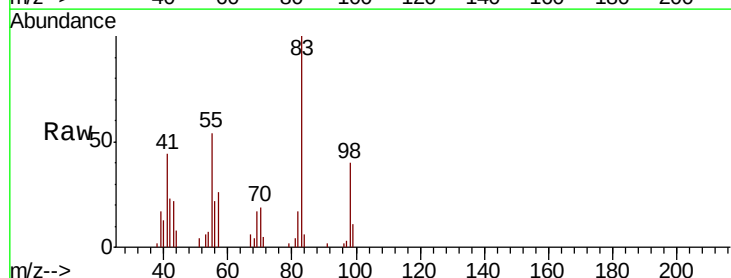
Tgt Ion: 83 Resp: 6142

Ion Ratio Lower Upper

83 100

55 54.0 58.2 87.4#

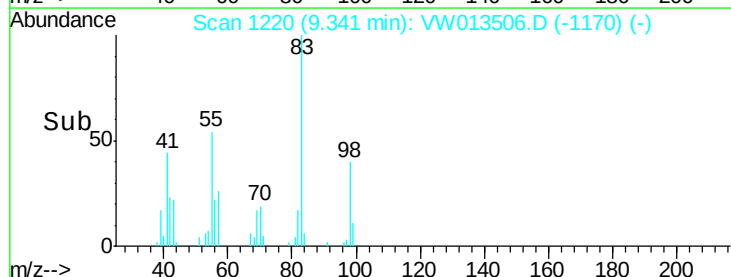
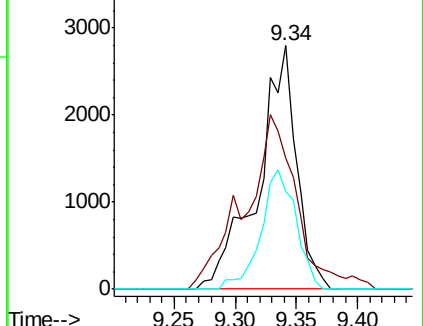
98 40.0 39.8 59.6

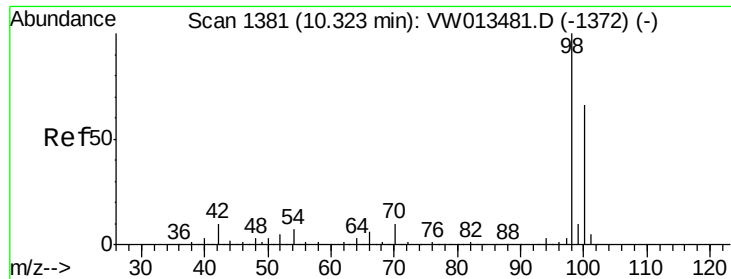


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

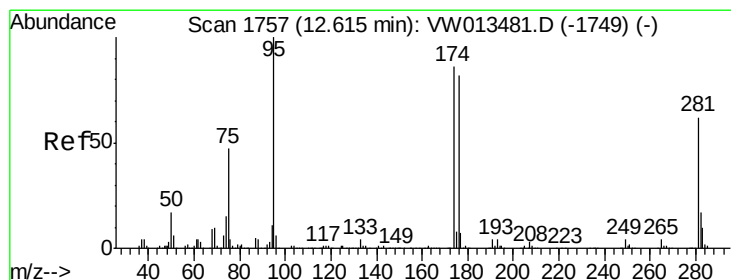
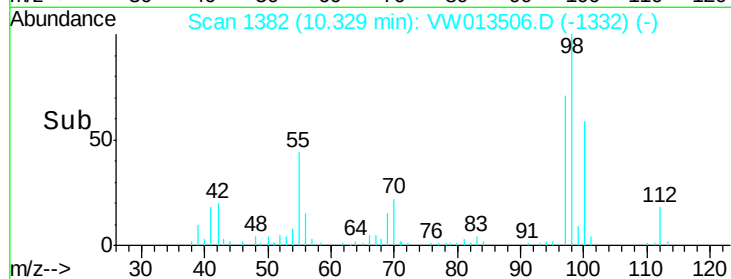
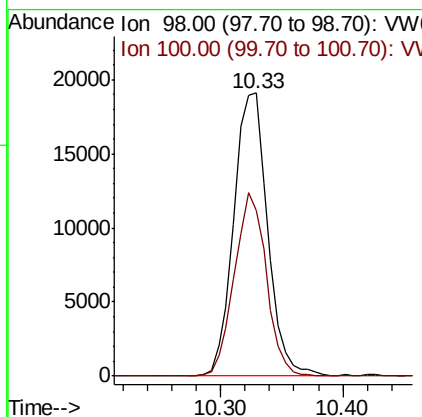
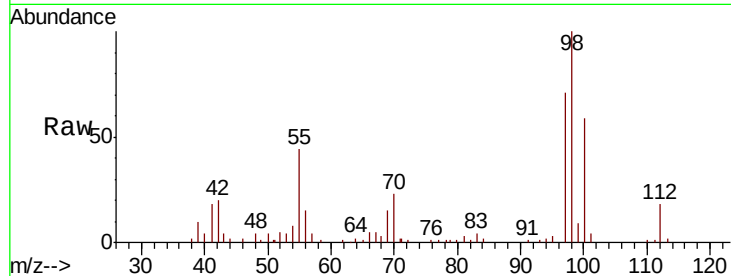




#50
Toluene-d8
Concen: 55.209 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.01 min
Lab File: VW013506.D
Acq: 09 Oct 2019 16:10

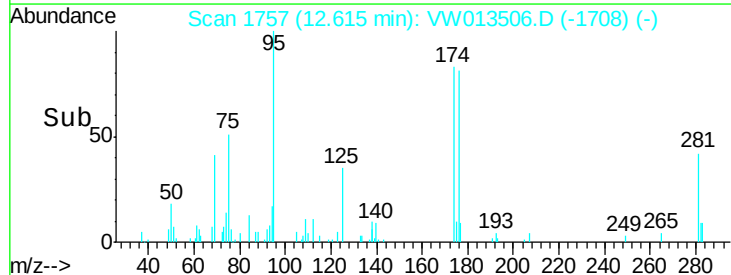
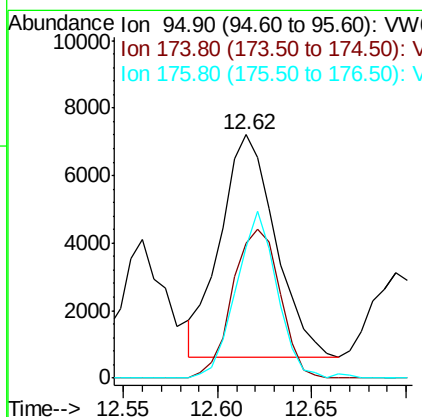
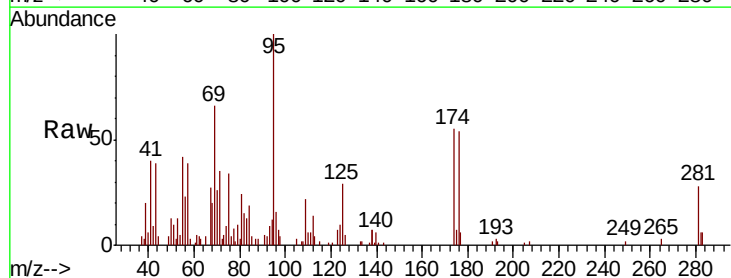
Instrument :
MSVOA_W
ClientSampled :
TP-2-S1

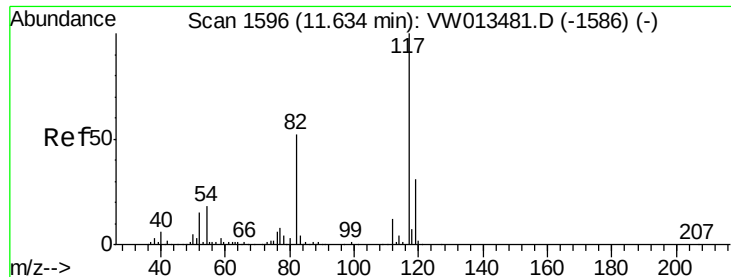
Tot Ion: 98 Resp: 36618
Ion Ratio Lower Upper
98 100
100 61.1 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 60.190 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW013506.D
Acq: 09 Oct 2019 16:10

Tgt Ion: 95 Resp: 13411
Ion Ratio Lower Upper
95 100
174 57.6 0.0 177.4
176 55.0 0.0 173.4

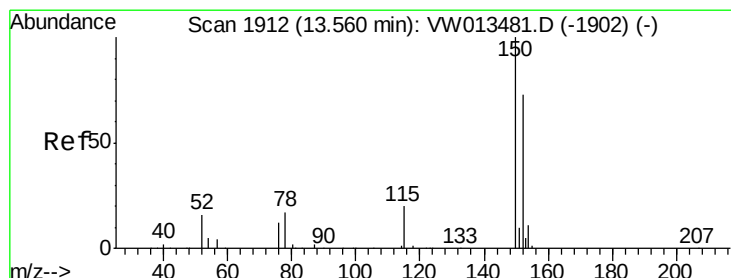
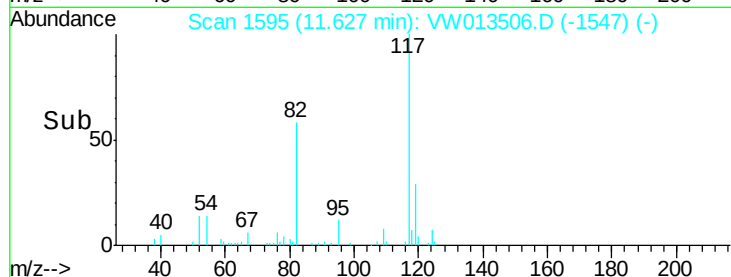
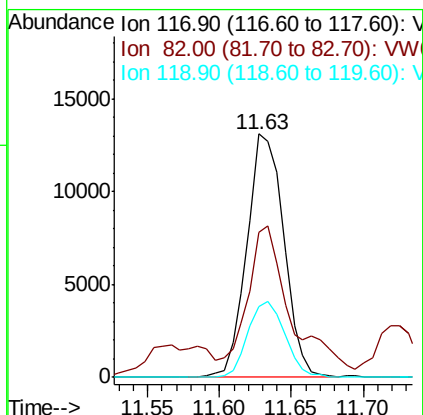
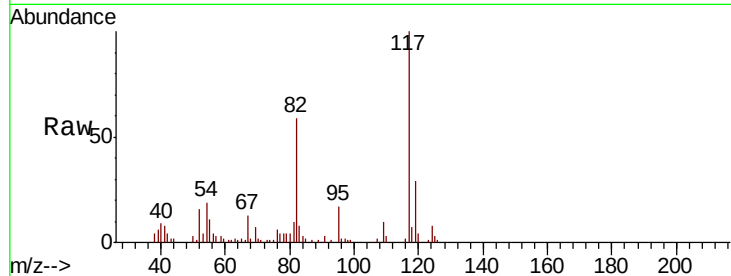




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW013506.D
Acq: 09 Oct 2019 16:10

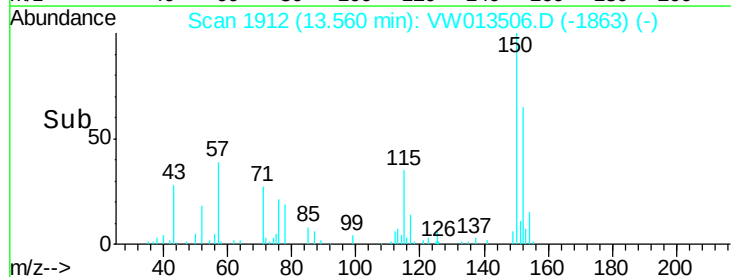
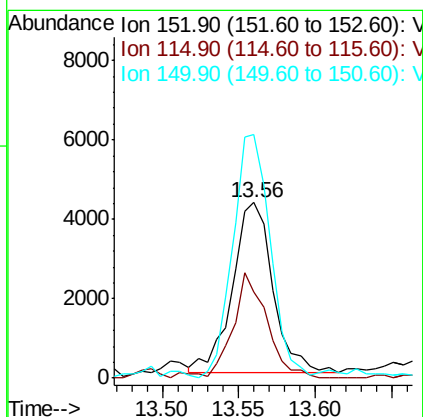
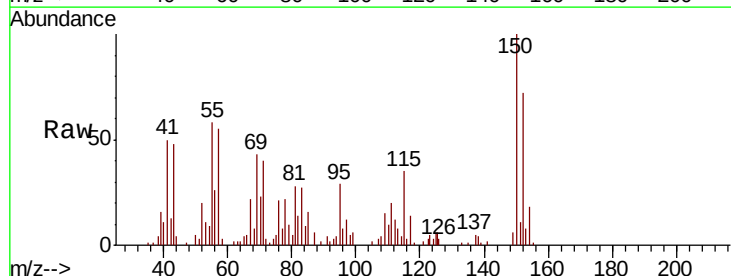
Instrument :
MSVOA_W
ClientSampleId :
TP-2-S1

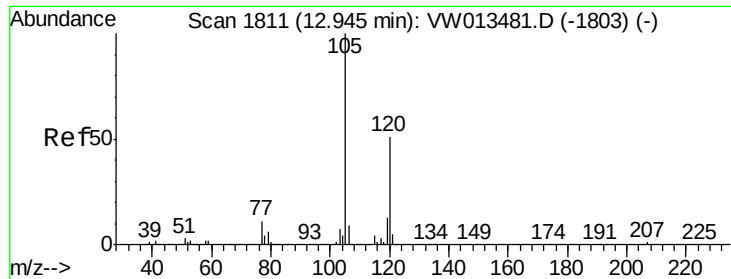
Tot Ion:117 Resp: 23281
Ion Ratio Lower Upper
117 100
82 51.5 41.4 62.2
119 29.1 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013506.D
Acq: 09 Oct 2019 16:10

Tgt Ion:152 Resp: 7936
Ion Ratio Lower Upper
152 100
115 52.5 27.0 81.0
150 132.0 0.0 337.4

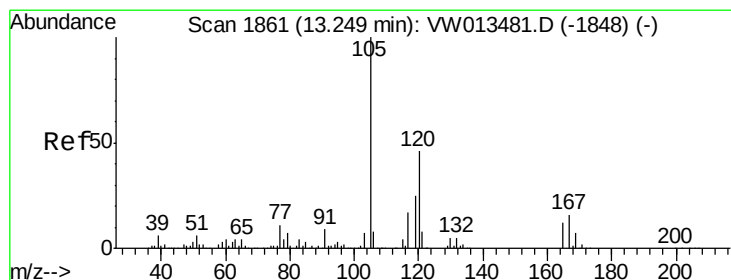
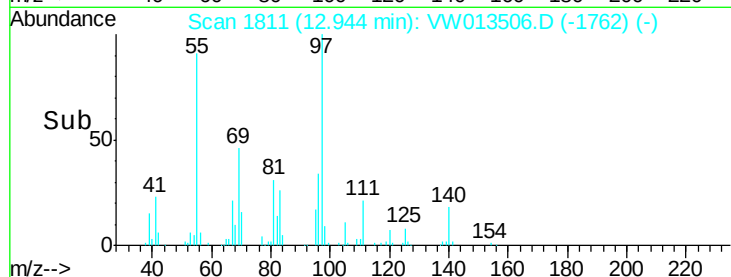
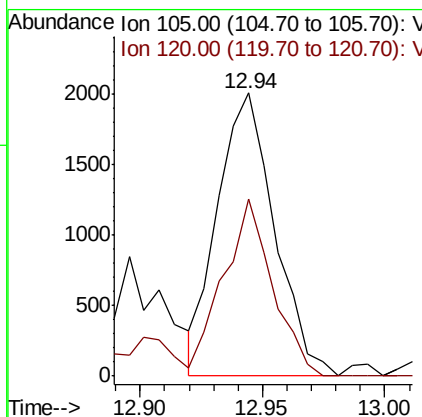
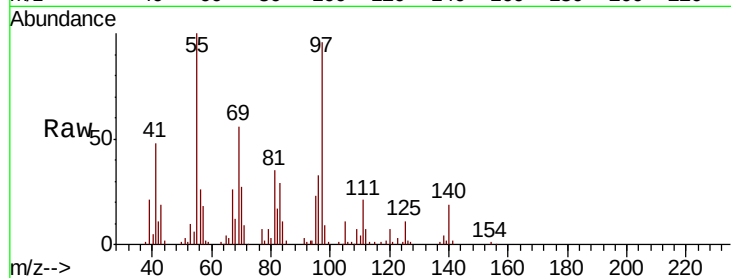




#80
 1,3,5-Trimethylbenzene
 Concen: 6.870 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. -0.00 min
 Lab File: VW013506.D
 Acq: 09 Oct 2019 16:10

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-2-S1

Tot Ion:105 Resp: 3245
 Ion Ratio Lower Upper
 105 100
 120 54.1 25.4 76.0



#84
 1,2,4-Trimethylbenzene
 Concen: 8.507 ug/l
 RT: 13.25 min Scan# 1861
 Delta R.T. -0.00 min
 Lab File: VW013506.D
 Acq: 09 Oct 2019 16:10

Tgt Ion:105 Resp: 3974
 Ion Ratio Lower Upper
 105 100
 120 36.0 23.2 69.5

