

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081219\
 Data File : VW011822.D
 Acq On : 09 Aug 2019 20:26
 Operator : SY/VA
 Sample : K4227-05
 Misc : 5.57G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 1S-J(0)

Quant Time: Aug 11 01:46:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

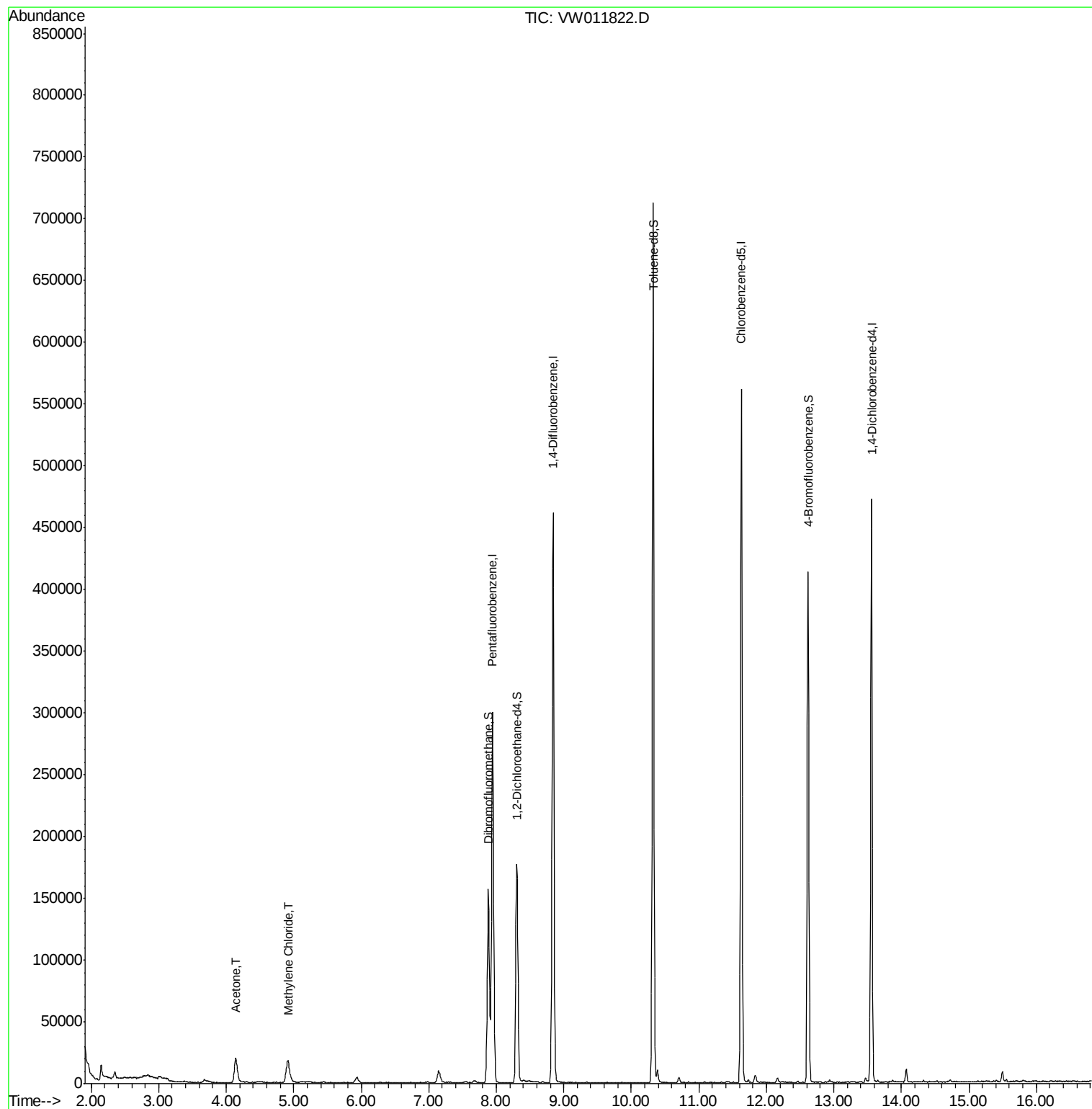
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	211477	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	353832	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	295724	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	116297	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	141639	58.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.66%	
35) Dibromofluoromethane	7.88	113	109094	54.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.92%	
50) Toluene-d8	10.32	98	436387	53.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.38%	
62) 4-Bromofluorobenzene	12.62	95	135154	46.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.28%	
Target Compounds						
16) Acetone	4.14	43	41225	53.369	ug/l	98
20) Methylene Chloride	4.92	84	13796	5.179	ug/l	86

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

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Quant Title : SW846 8260
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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: VW011822.D

Acq: 09 Aug 2019 20:26

Instrument :

MSVOA_W

ClientSampled :

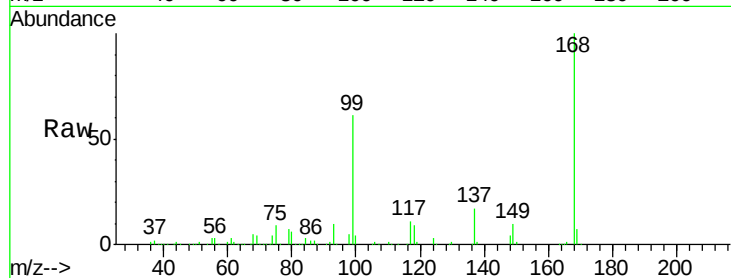
1S-J(0)

Tot Ion:168 Resp: 211477

Ion Ratio Lower Upper

168 100

99 61.3 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

60000

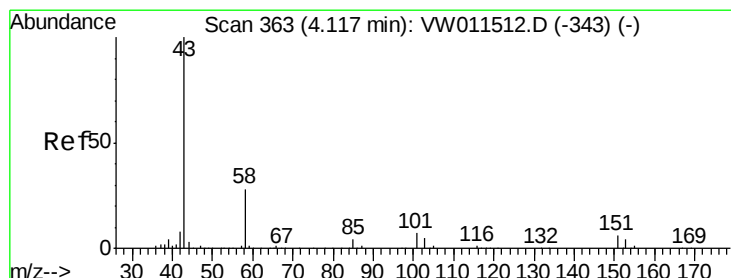
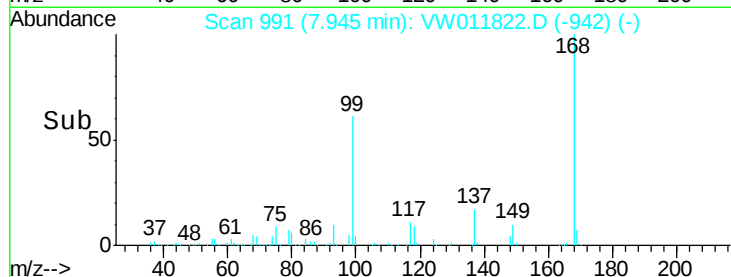
40000

20000

0

Time-->

7.90 8.00



#16

Acetone

Concen: 53.369 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW011822.D

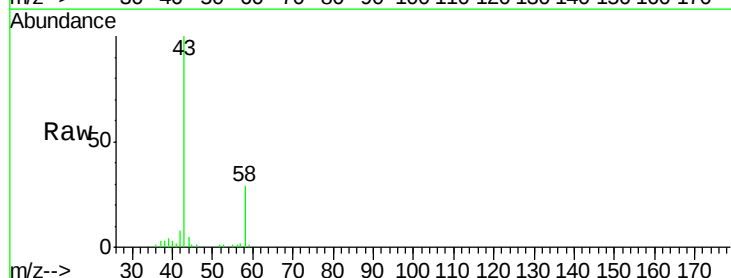
Acq: 09 Aug 2019 20:26

Tgt Ion: 43 Resp: 41225

Ion Ratio Lower Upper

43 100

58 28.9 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

15000

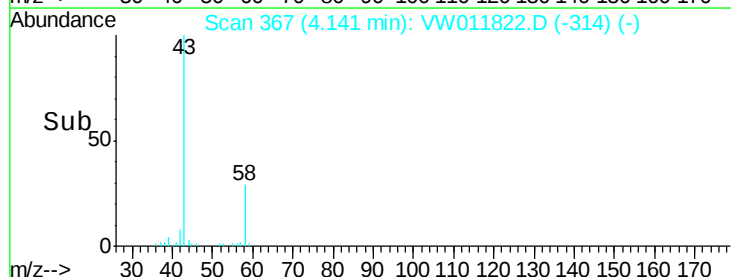
10000

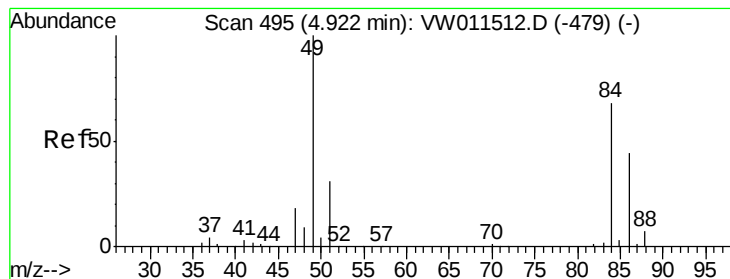
5000

0

Time-->

4.00 4.10 4.20 4.30





#20

Methylene Chloride

Concen: 5.179 ug/l

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW011822.D

Acq: 09 Aug 2019 20:26

Instrument :

MSVOA_W

ClientSampleId :

1S-J(0)

Tot Ion: 84 Resp: 13796

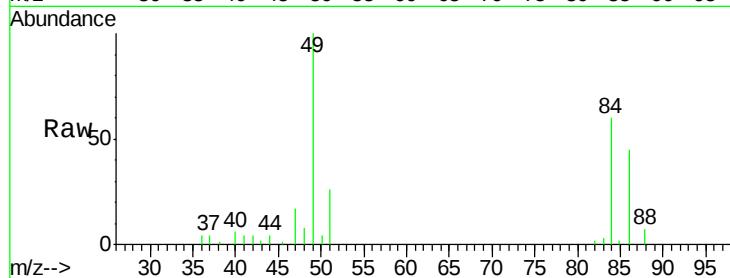
Ion Ratio Lower Upper

84 100

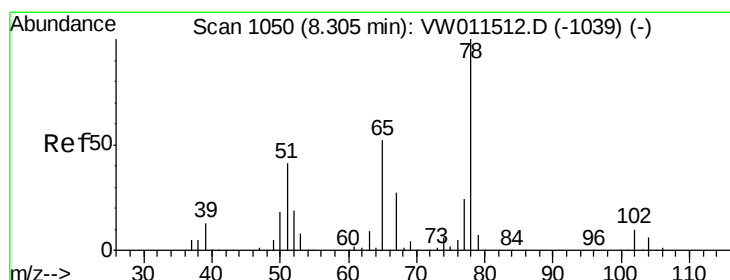
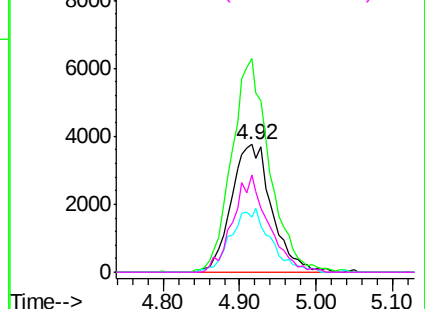
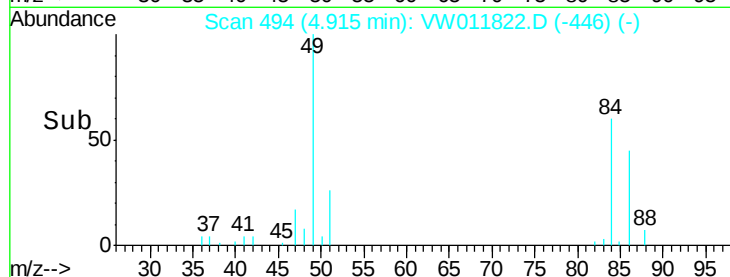
49 167.6 117.8 176.6

51 43.2 37.0 55.4

86 75.9 51.8 77.8



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: 58.327 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW011822.D

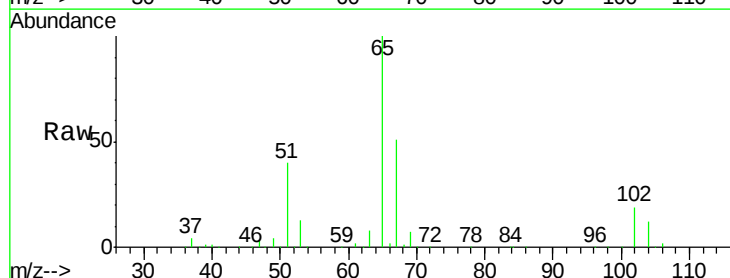
Acq: 09 Aug 2019 20:26

Tgt Ion: 65 Resp: 141639

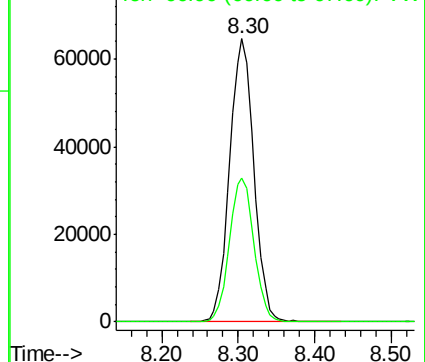
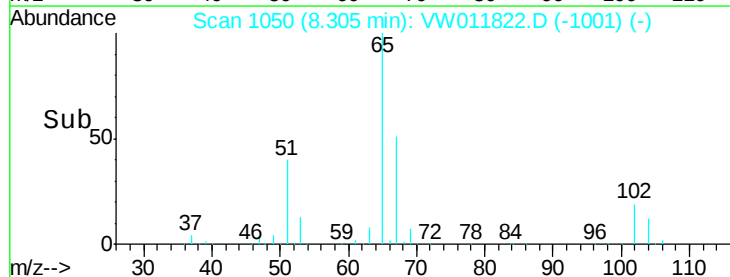
Ion Ratio Lower Upper

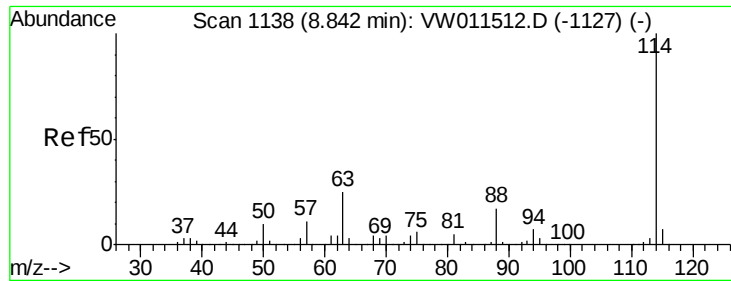
65 100

67 51.3 0.0 105.2



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW

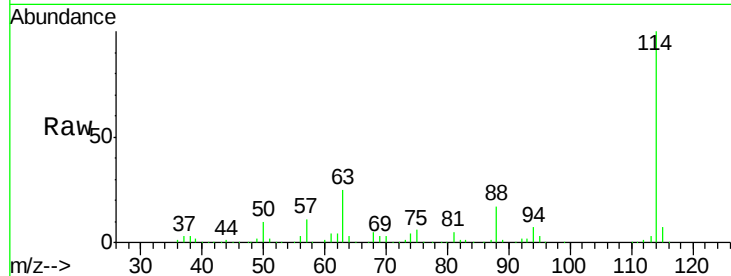




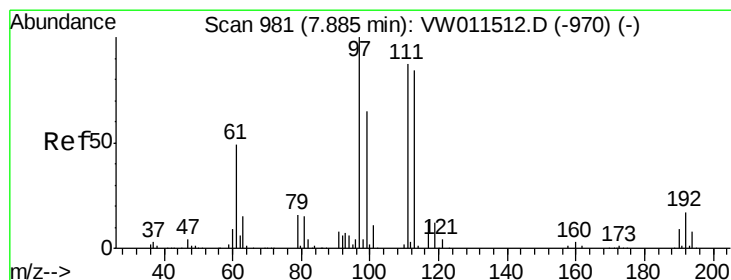
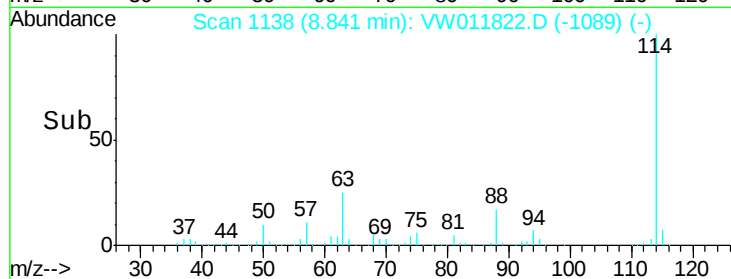
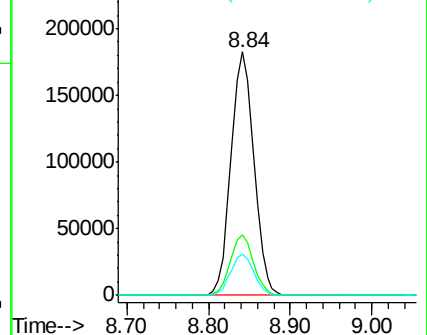
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW011822.D
 Acq: 09 Aug 2019 20:26

Instrument :
 MSVOA_W
 ClientSampleId :
 1S-J-(0)

Tot Ion:114 Resp: 353832
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 49.2
 88 17.1 0.0 33.8

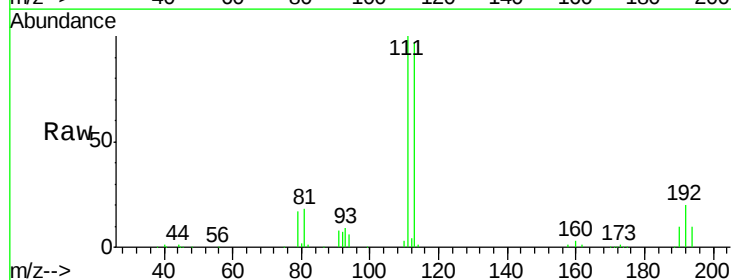


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

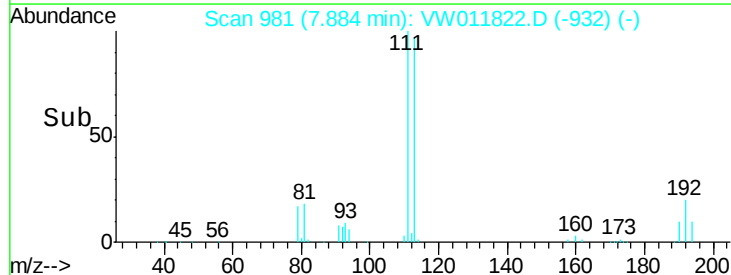
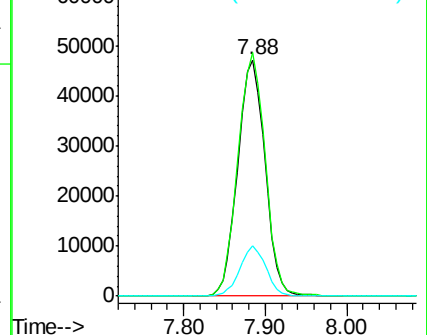


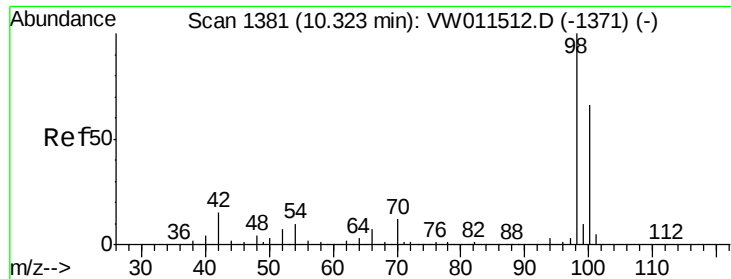
#35
 Dibromofluoromethane
 Concen: 54.958 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW011822.D
 Acq: 09 Aug 2019 20:26

Tgt Ion:113 Resp: 109094
 Ion Ratio Lower Upper
 113 100
 111 103.1 82.7 124.1
 192 20.4 16.1 24.1



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

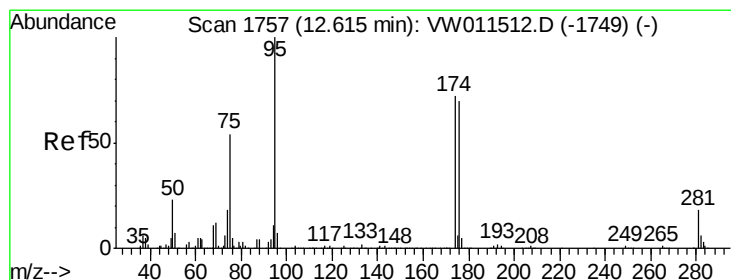
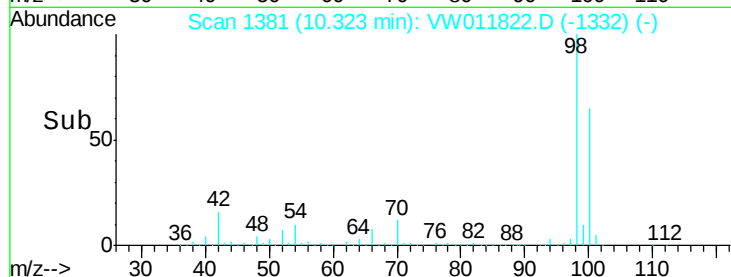
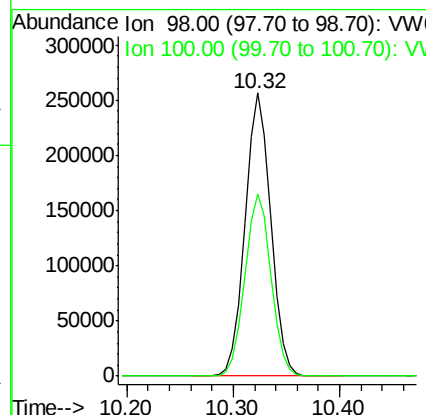
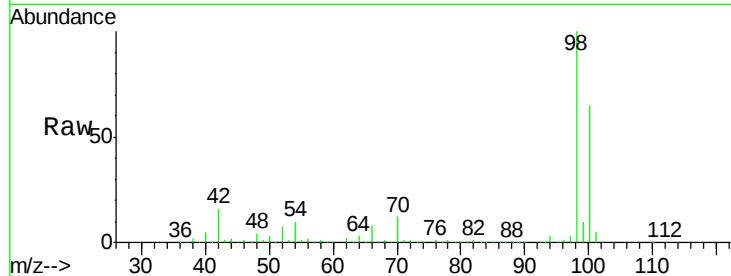




#50
Toluene-d8
Concen: 53.693 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW011822.D
Acq: 09 Aug 2019 20:26

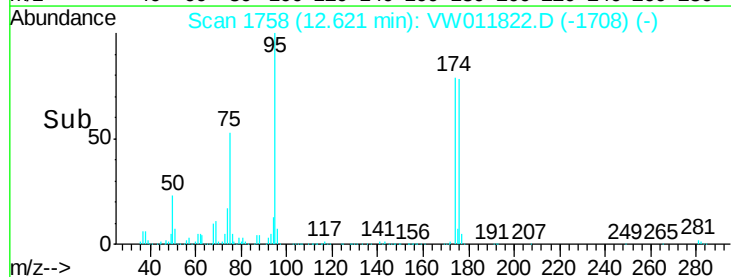
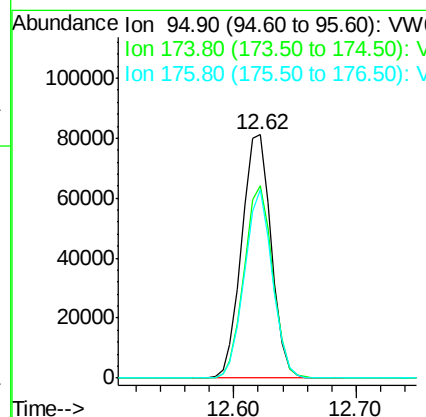
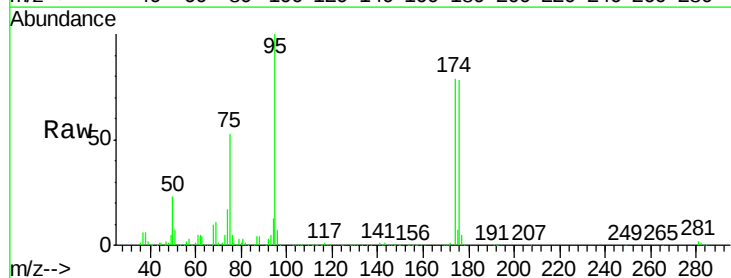
Instrument :
MSVOA_W
ClientSampled :
1S-J(0)

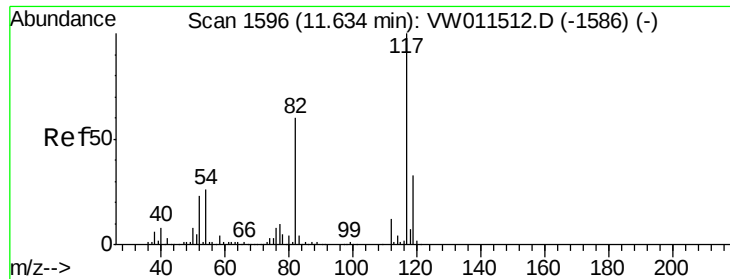
Tot Ion: 98 Resp: 436387
Ion Ratio Lower Upper
98 100
100 65.3 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 46.644 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW011822.D
Acq: 09 Aug 2019 20:26

Tgt Ion: 95 Resp: 135154
Ion Ratio Lower Upper
95 100
174 77.0 0.0 150.2
176 73.8 0.0 144.4

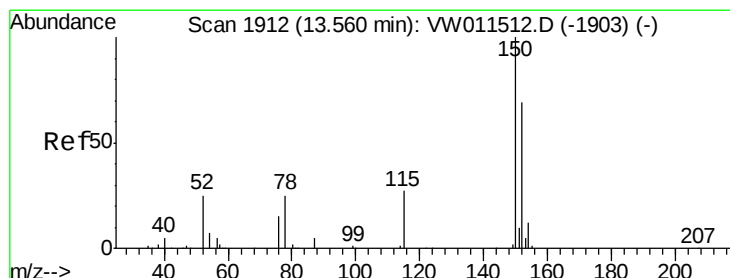
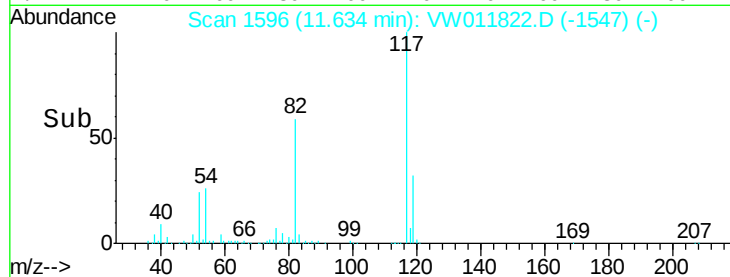
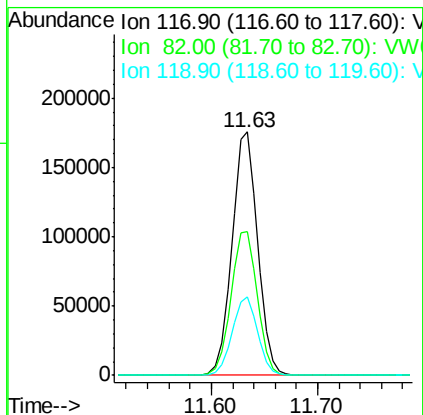
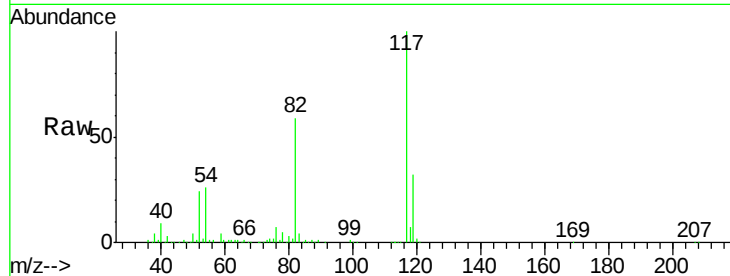




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW011822.D
Acq: 09 Aug 2019 20:26

Instrument :
MSVOA_W
ClientSampleId :
1S-J(0)

Tot Ion:117 Resp: 295724
Ion Ratio Lower Upper
117 100
82 58.8 47.9 71.9
119 32.2 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW011822.D
Acq: 09 Aug 2019 20:26

Tgt Ion:152 Resp: 116297
Ion Ratio Lower Upper
152 100
115 59.7 30.5 91.5
150 156.7 0.0 352.6

