

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083119\
 Data File : VW012408.D
 Acq On : 31 Aug 2019 18:35
 Operator : SY/VA
 Sample : K4517-08
 Misc : 4.48G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T4-S-D2-(0)

Quant Time: Sep 01 04:24:59 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

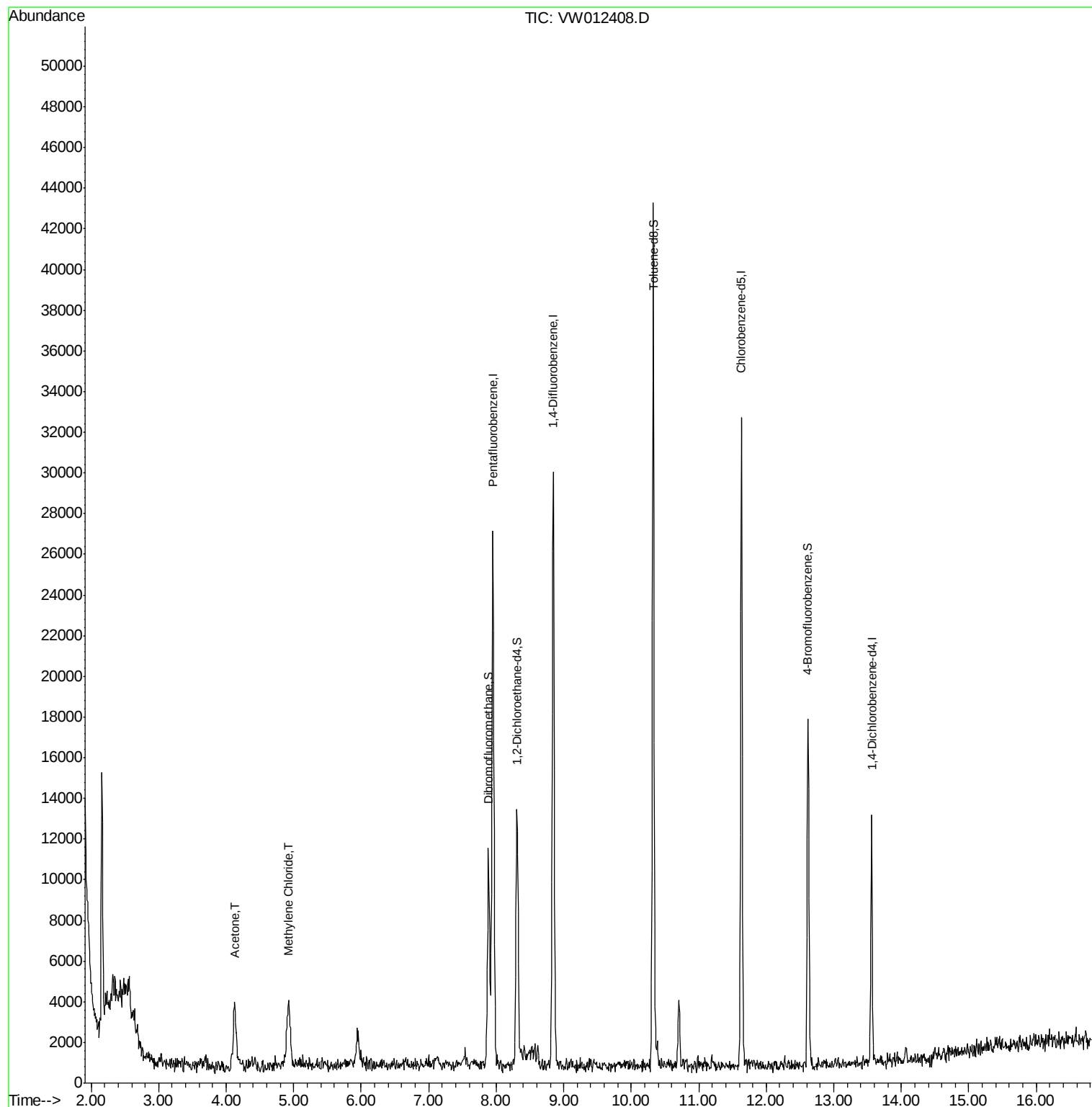
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	18138	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	22900	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	16669	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	2862	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	10098	46.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.66%	
35) Dibromofluoromethane	7.88	113	7635	55.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.72%	
50) Toluene-d8	10.32	98	26007	46.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.84%	
62) 4-Bromofluorobenzene	12.62	95	5077	25.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	51.98%	
Target Compounds						
16) Acetone	4.12	43	6558	118.985	ug/l	94
20) Methylene Chloride	4.92	84	2157	10.352	ug/l #	86

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

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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# 992

Delta R.T. 0.01 min

Lab File: VW012408.D

Acq: 31 Aug 2019 18:35

Instrument :

MSVOA_W

ClientSampleId :

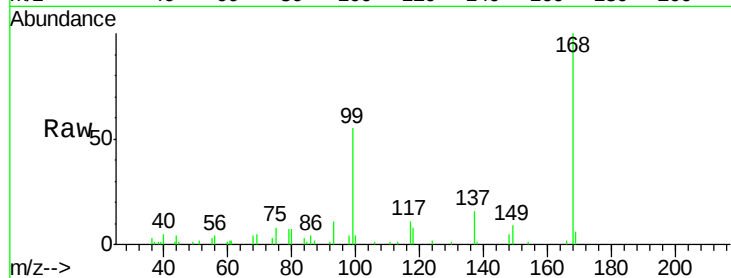
T4-S-D2-(0)

Tot Ion:168 Resp: 18138

Ion Ratio Lower Upper

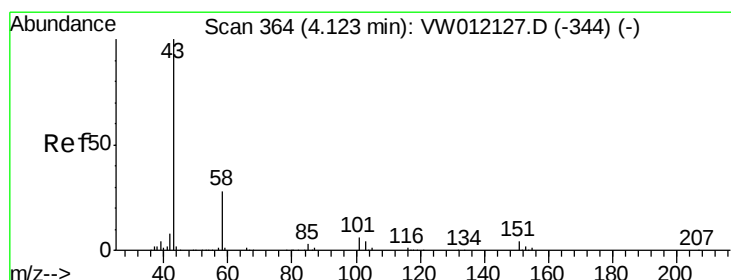
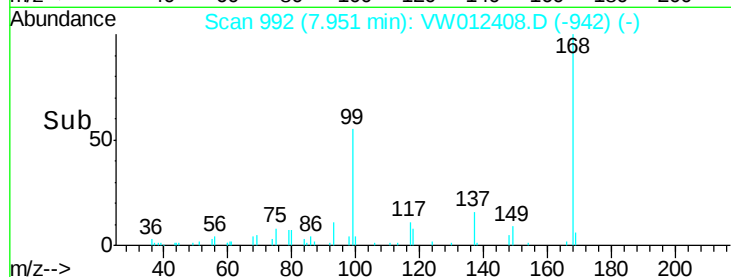
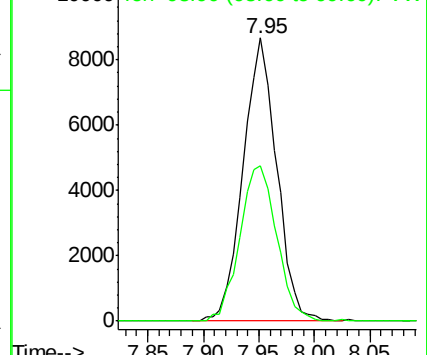
168 100

99 54.7 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 118.985 ug/l

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW012408.D

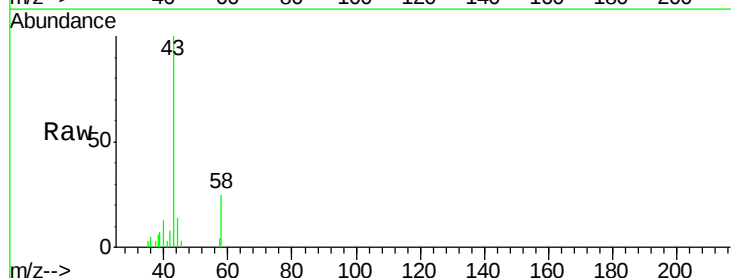
Acq: 31 Aug 2019 18:35

Tgt Ion: 43 Resp: 6558

Ion Ratio Lower Upper

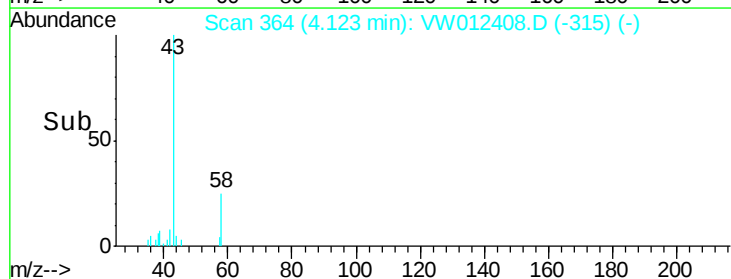
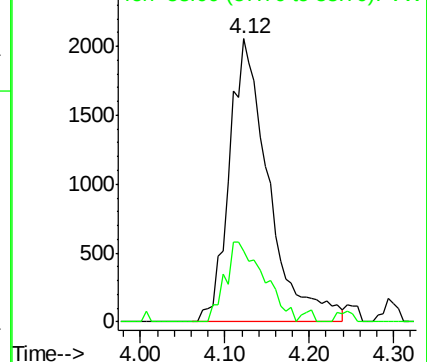
43 100

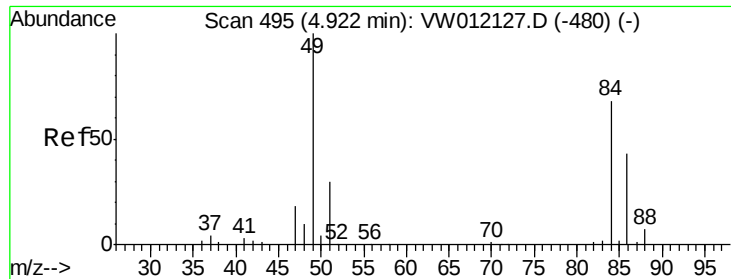
58 25.0 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

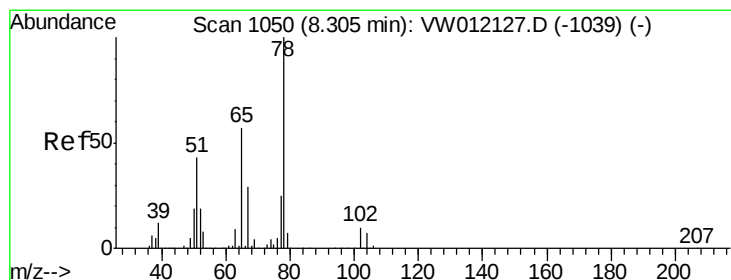
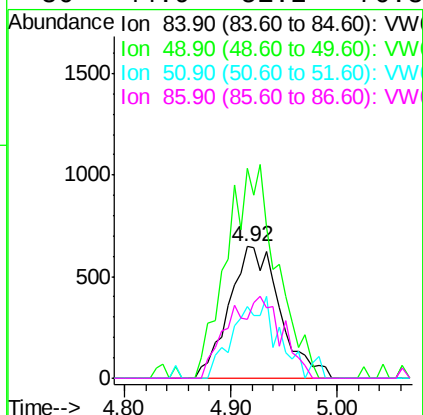
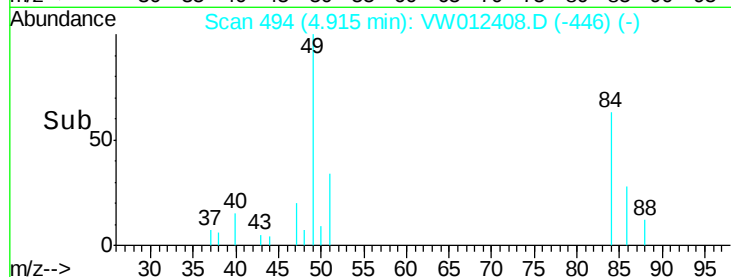
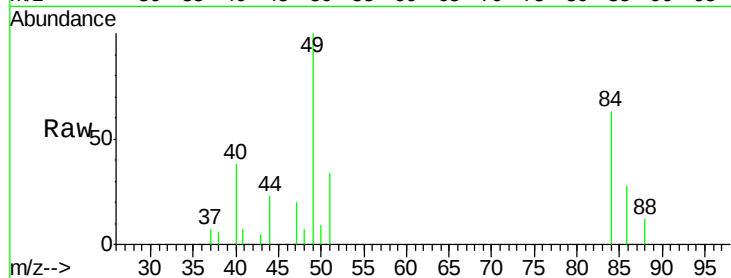




#20
Methylene Chloride
Concen: 10.352 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012408.D
Acq: 31 Aug 2019 18:35

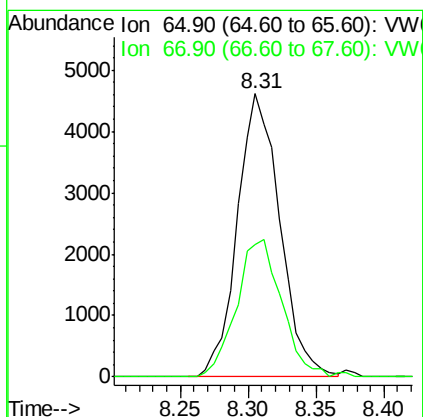
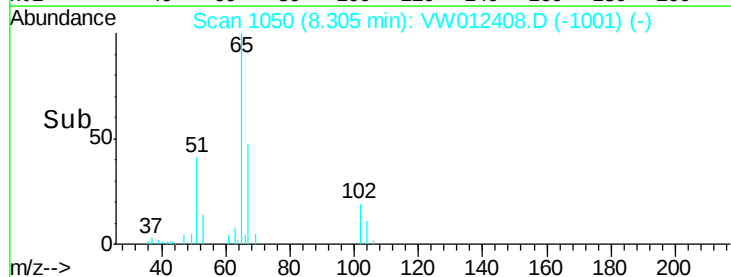
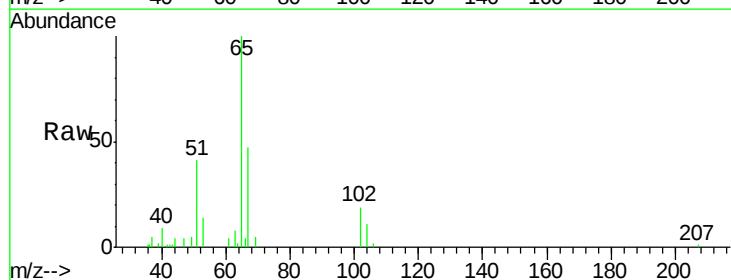
Instrument :
MSVOA_W
ClientSampleId :
T4-S-D2-(0)

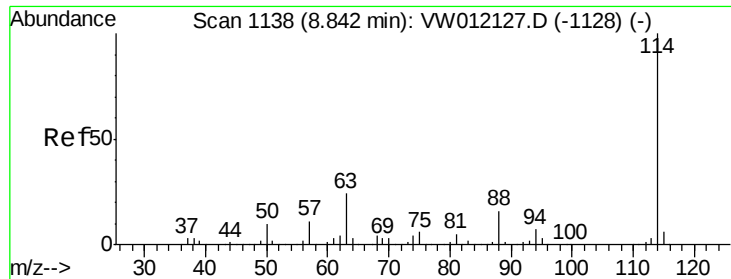
Tot Ion: 84 Resp: 2157
Ion Ratio Lower Upper
84 100
49 159.1 117.8 176.8
51 54.8 35.6 53.4#
86 44.9 51.2 76.8#



#33
1,2-Dichloroethane-d4
Concen: 46.833 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012408.D
Acq: 31 Aug 2019 18:35

Tgt Ion: 65 Resp: 10098
Ion Ratio Lower Upper
65 100
67 51.8 0.0 102.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.85 min Scan# 1139

Delta R.T. 0.01 min

Lab File: VW012408.D

Acq: 31 Aug 2019 18:35

Instrument :

MSVOA_W

ClientSampleId :

T4-S-D2-(0)

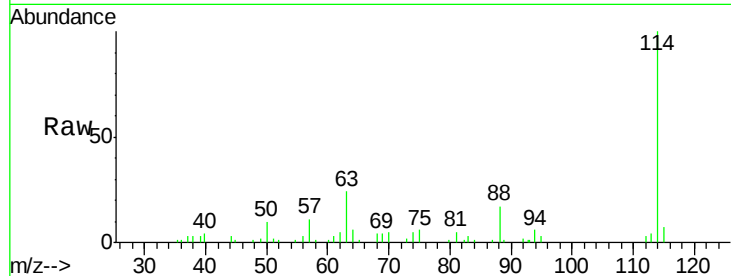
Tot Ion:114 Resp: 22900

Ion Ratio Lower Upper

114 100

63 23.8 0.0 48.6

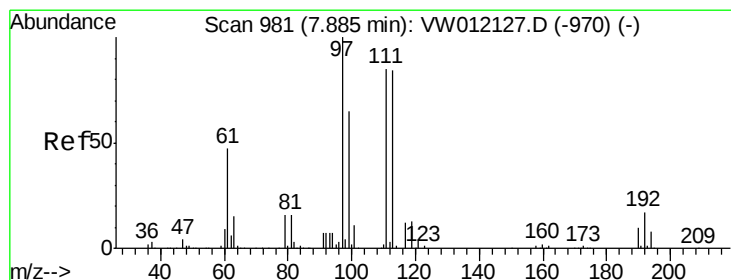
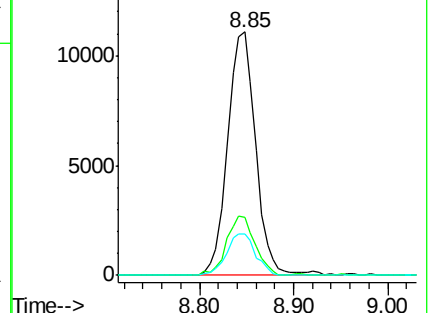
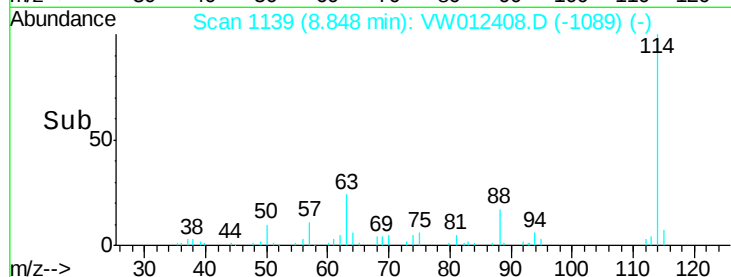
88 17.1 0.0 32.2



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: 55.856 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012408.D

Acq: 31 Aug 2019 18:35

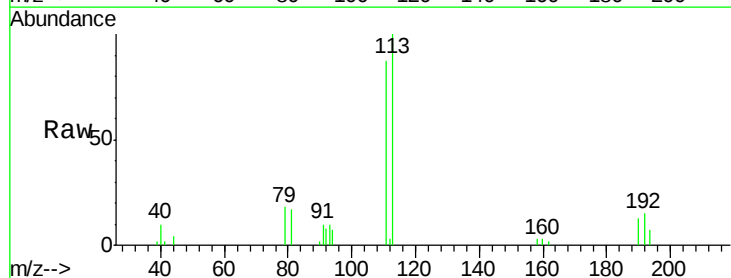
Tgt Ion:113 Resp: 7635

Ion Ratio Lower Upper

113 100

111 106.4 82.7 124.1

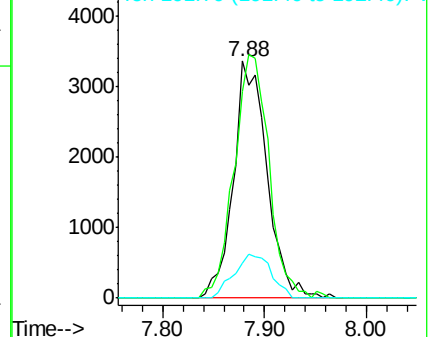
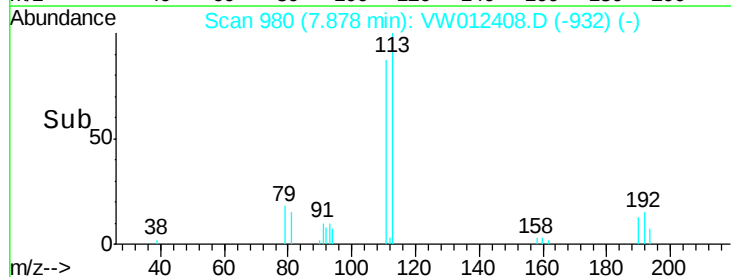
192 20.6 16.2 24.2

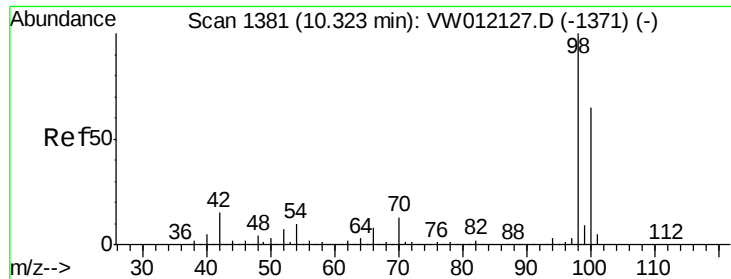


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 46.924 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012408.D

Acq: 31 Aug 2019 18:35

Instrument :

MSVOA_W

ClientSampled :

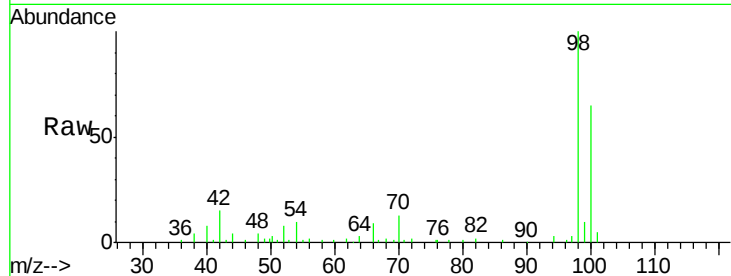
T4-S-D2-(0)

Tot Ion: 98 Resp: 26007

Ion Ratio Lower Upper

98 100

100 64.0 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

15000

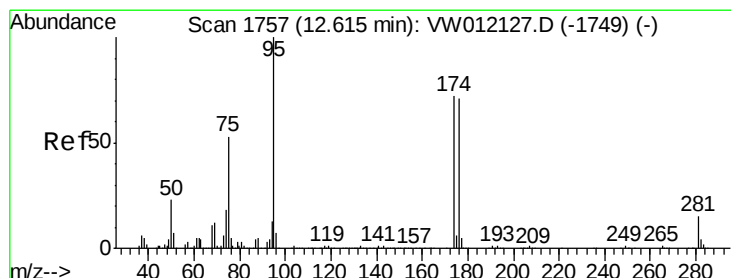
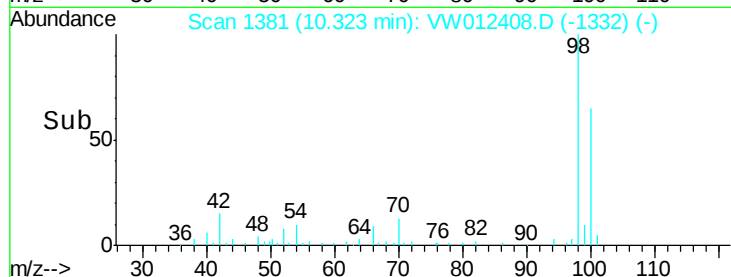
10000

5000

0

10.25 10.30 10.35 10.40

Time-->



#62

4-Bromofluorobenzene

Concen: 25.987 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW012408.D

Acq: 31 Aug 2019 18:35

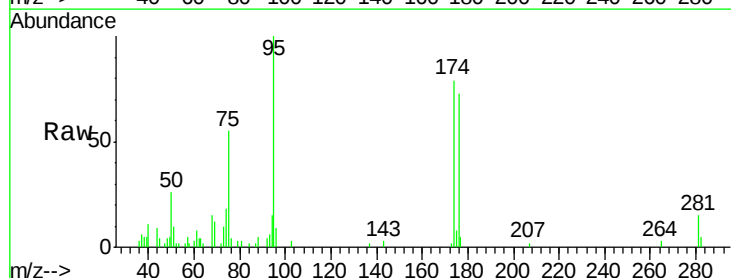
Tgt Ion: 95 Resp: 5077

Ion Ratio Lower Upper

95 100

174 81.1 0.0 150.8

176 76.8 0.0 148.6



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

4000

3000

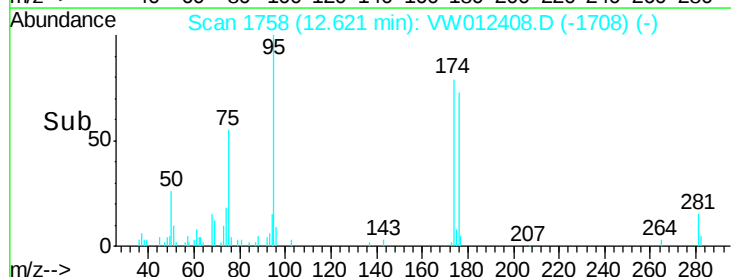
2000

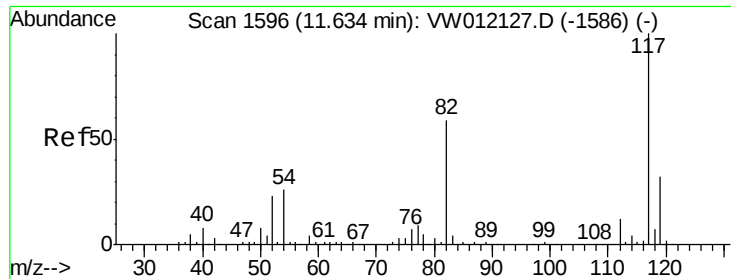
1000

0

12.55 12.60 12.65 12.70

Time-->

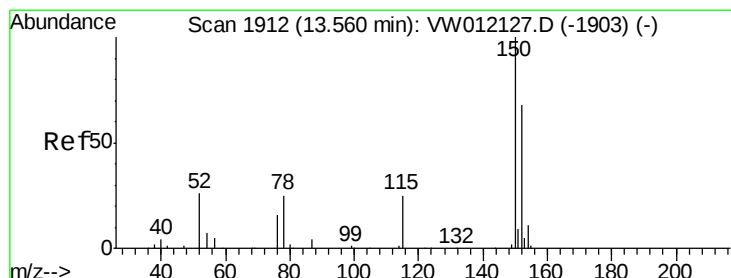
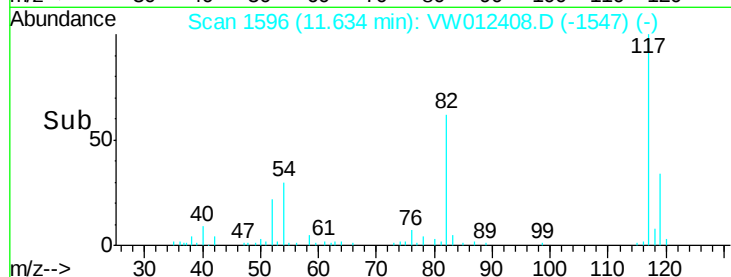
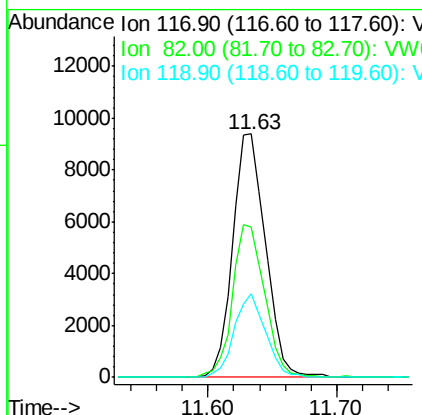
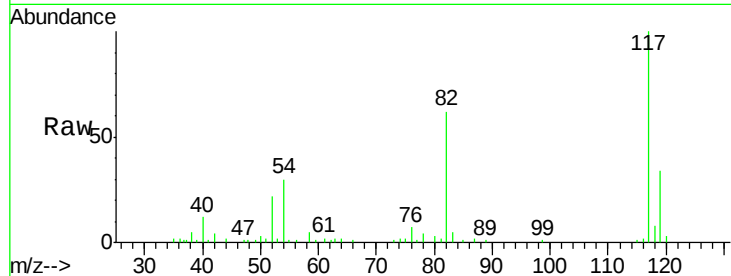




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012408.D
Acq: 31 Aug 2019 18:35

Instrument :
MSVOA_W
ClientSampleId :
T4-S-D2-(0)

Tot Ion:117 Resp: 16669
Ion Ratio Lower Upper
117 100
82 61.8 47.4 71.2
119 34.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW012408.D
Acq: 31 Aug 2019 18:35

Tgt Ion:152 Resp: 2862
Ion Ratio Lower Upper
152 100
115 61.5 30.1 90.3
150 152.0 0.0 345.8

