

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083119\
 Data File : VW012409.D
 Acq On : 31 Aug 2019 19:01
 Operator : SY/VA
 Sample : K4517-09
 Misc : 4.88G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T4-S-D2-(2.5)

Quant Time: Sep 01 04:27:44 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

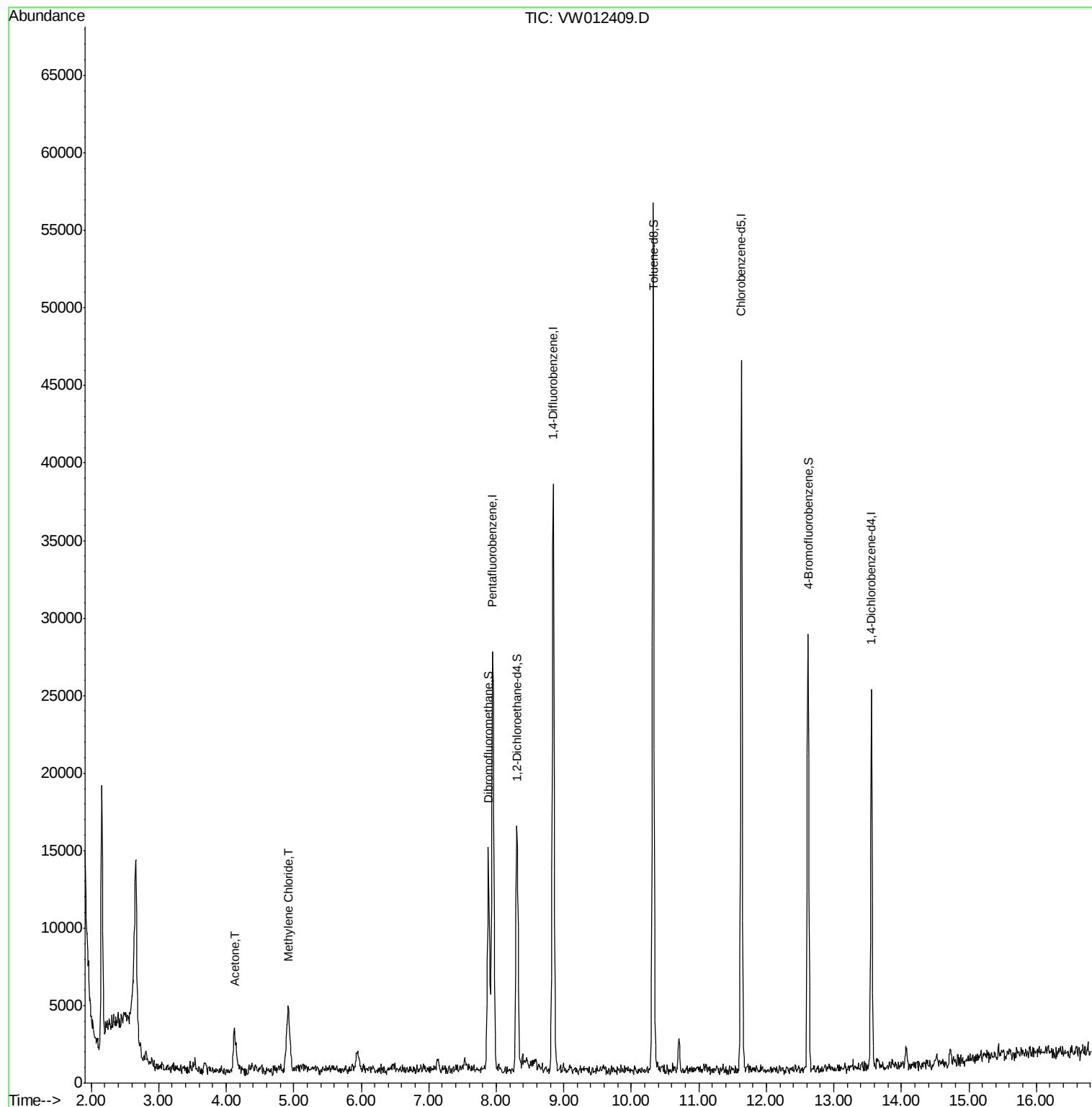
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	19644	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	29236	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	23797	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	5946	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	13120	56.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.36%	
35) Dibromofluoromethane	7.88	113	9890	56.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.34%	
50) Toluene-d8	10.32	98	35348	49.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.92%	
62) 4-Bromofluorobenzene	12.62	95	8877	35.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.18%	
Target Compounds						
16) Acetone	4.13	43	5112	85.639	ug/l	92
20) Methylene Chloride	4.93	84	2828	12.532	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: VW012409.D

Acq: 31 Aug 2019 19:01

Instrument :

MSVOA_W

ClientSampleId :

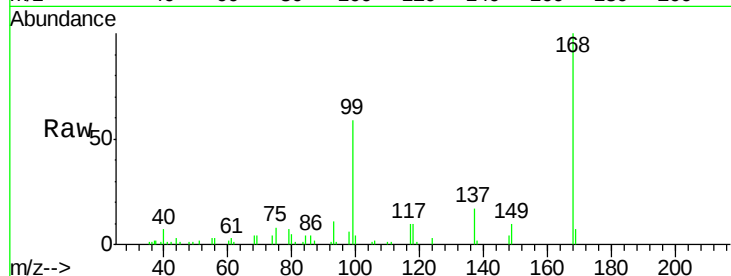
T4-S-D2-(2.5)

Tot Ion:168 Resp: 19644

Ion Ratio Lower Upper

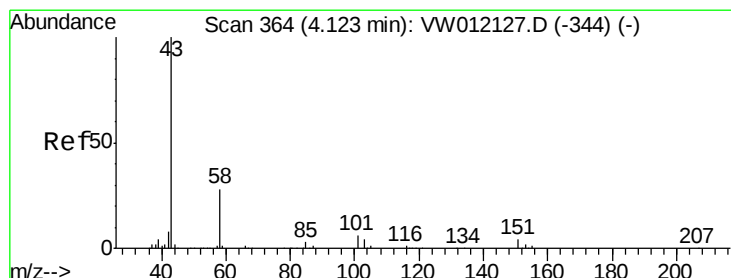
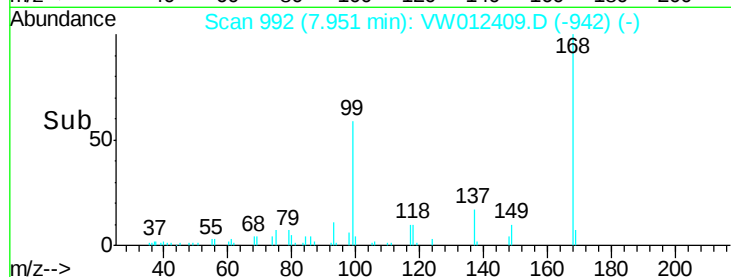
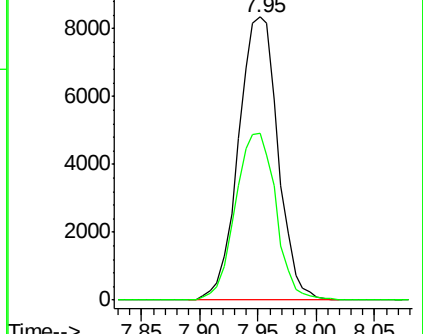
168 100

99 59.0 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: 85.639 ug/l

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW012409.D

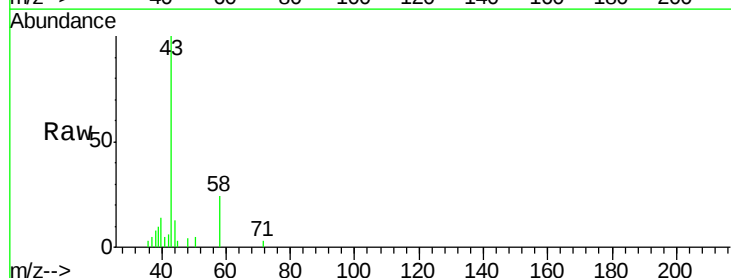
Acq: 31 Aug 2019 19:01

Tgt Ion: 43 Resp: 5112

Ion Ratio Lower Upper

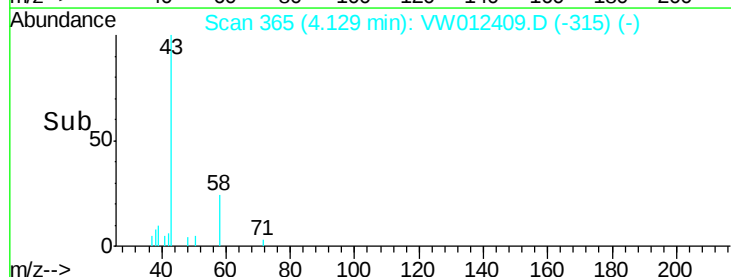
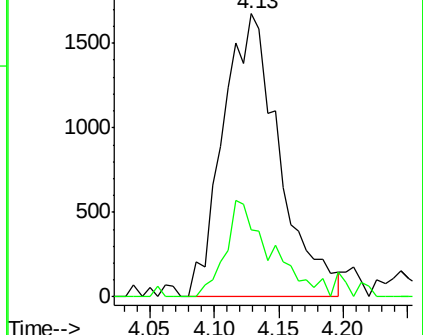
43 100

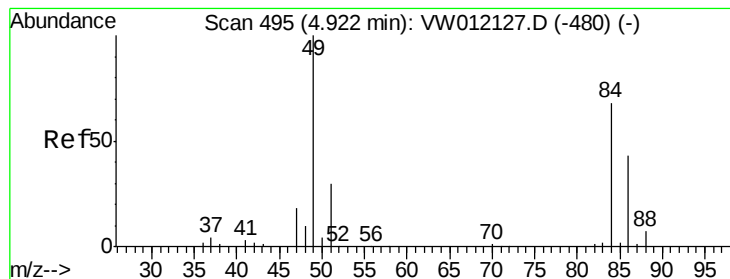
58 23.7 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 12.532 ug/l

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW012409.D

Acq: 31 Aug 2019 19:01

Instrument :

MSVOA_W

ClientSampled :

T4-S-D2-(2.5)

Tot Ion: 84 Resp: 2828

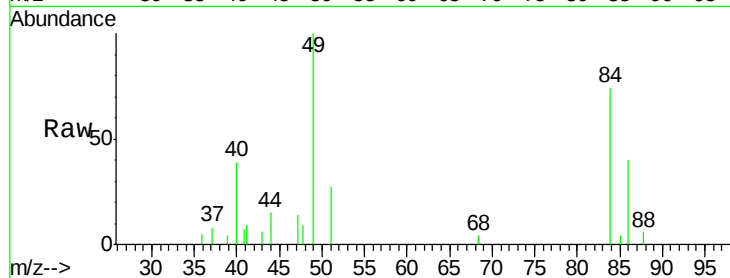
Ion Ratio Lower Upper

84 100

49 128.5 117.8 176.8

51 36.0 35.6 53.4

86 54.3 51.2 76.8



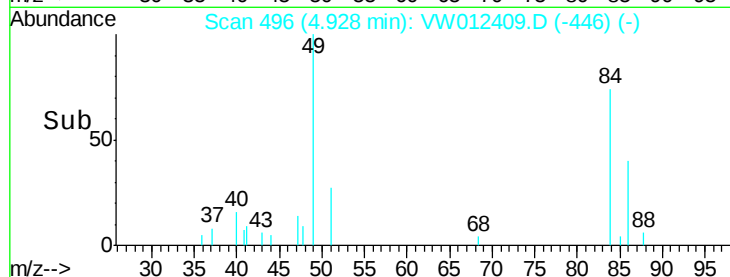
Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

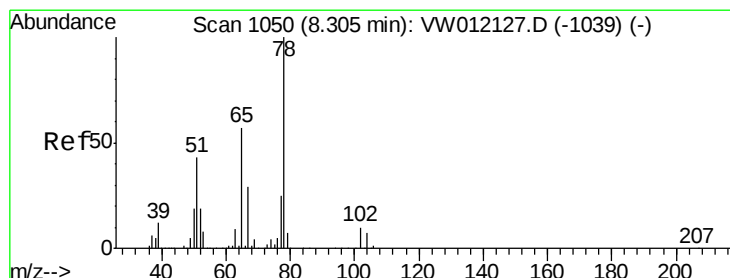
Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

Time-->



Time-->



#33

1,2-Dichloroethane-d4

Concen: 56.184 ug/l

RT: 8.30 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012409.D

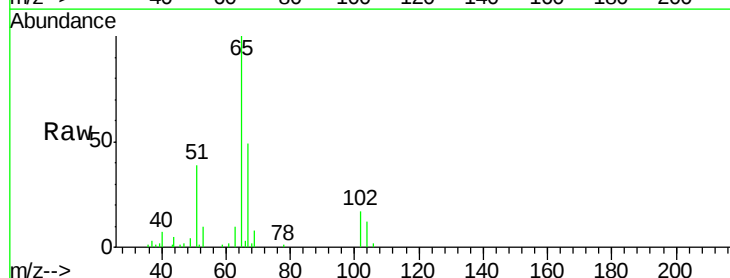
Acq: 31 Aug 2019 19:01

Tgt Ion: 65 Resp: 13120

Ion Ratio Lower Upper

65 100

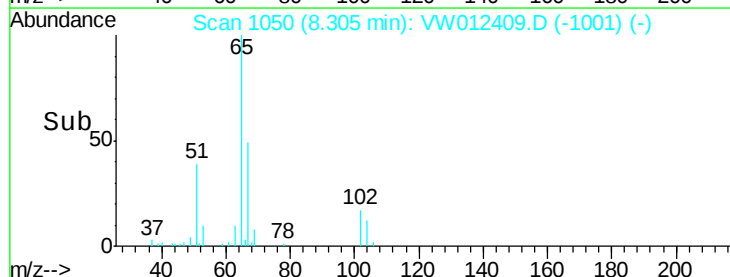
67 49.6 0.0 102.6



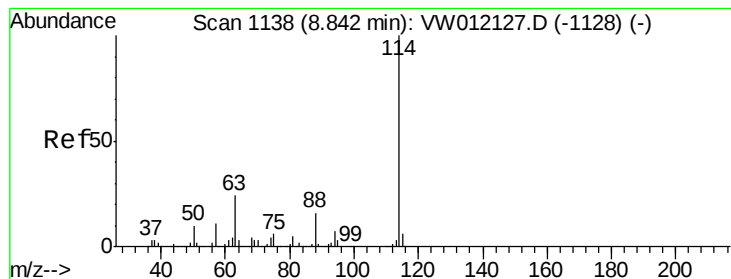
Abundance Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

Time-->



Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012409.D

Acq: 31 Aug 2019 19:01

Instrument :

MSVOA_W

ClientSampleId :

T4-S-D2-(2.5)

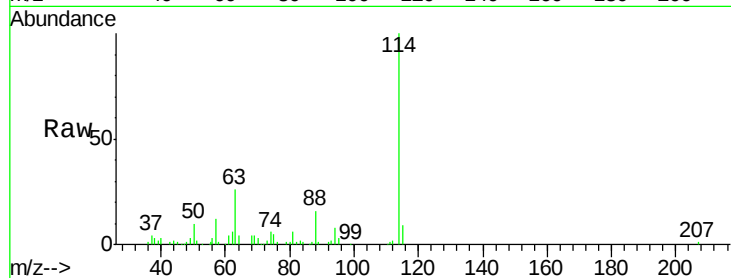
Tot Ion:114 Resp: 29236

Ion Ratio Lower Upper

114 100

63 25.9 0.0 48.6

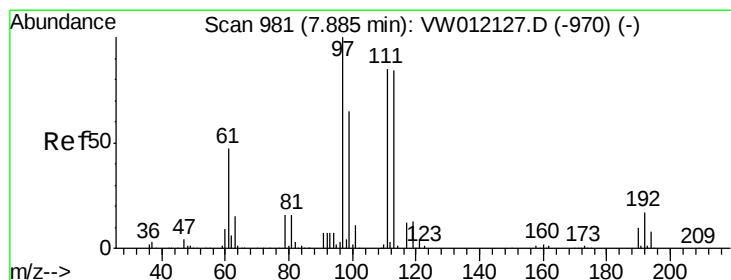
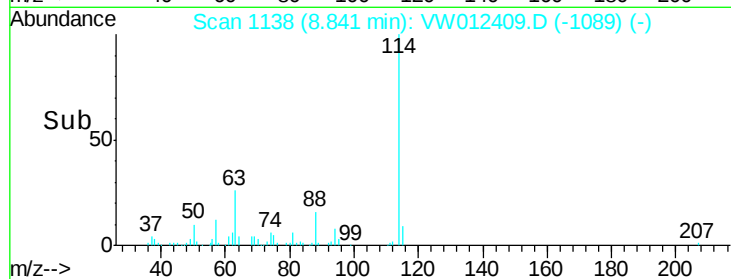
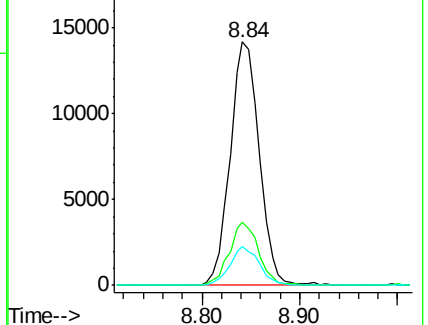
88 16.0 0.0 32.2



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: 56.673 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012409.D

Acq: 31 Aug 2019 19:01

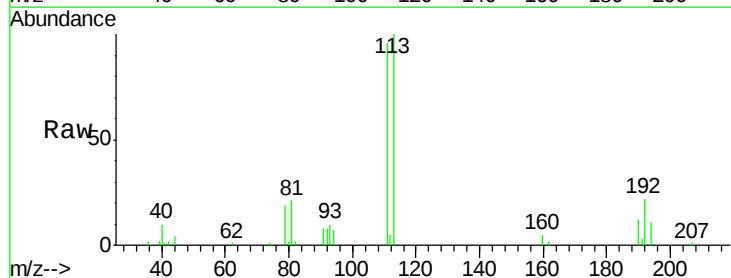
Tgt Ion:113 Resp: 9890

Ion Ratio Lower Upper

113 100

111 101.2 82.7 124.1

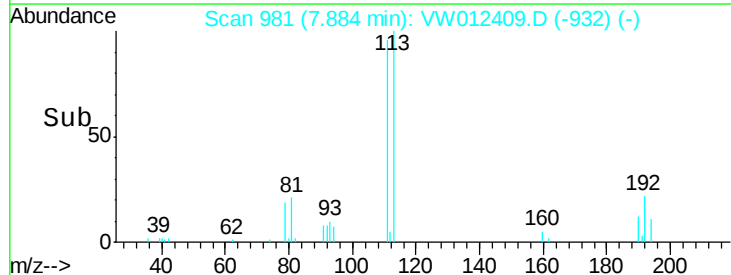
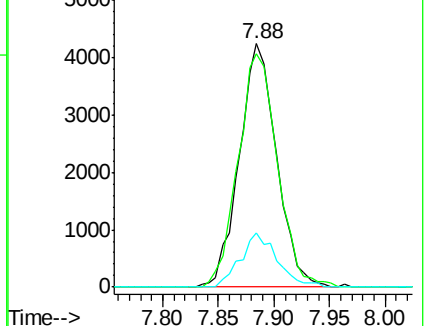
192 21.8 16.2 24.2

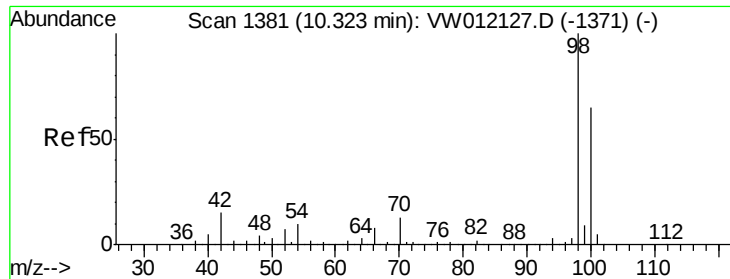


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.956 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012409.D

Acq: 31 Aug 2019 19:01

Instrument :

MSVOA_W

ClientSampleId :

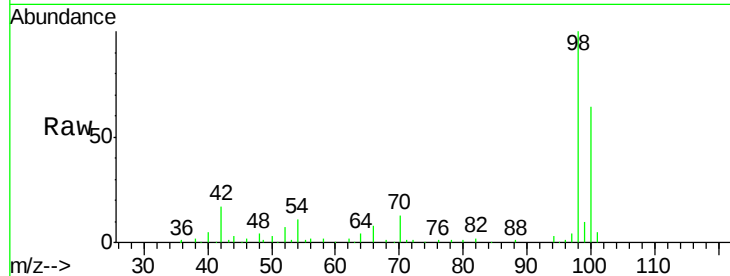
T4-S-D2-(2.5)

Tot Ion: 98 Resp: 35348

Ion Ratio Lower Upper

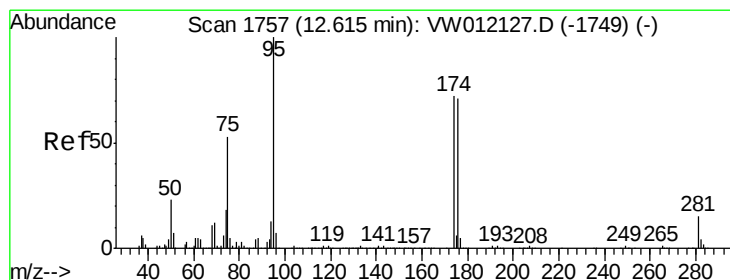
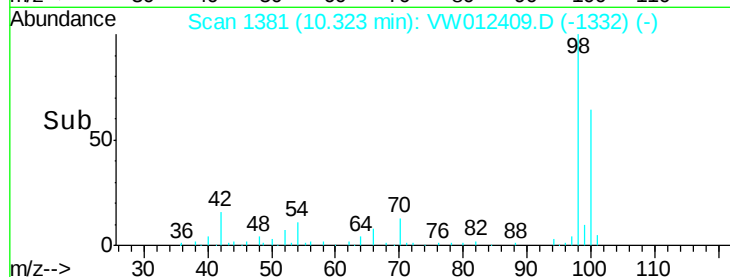
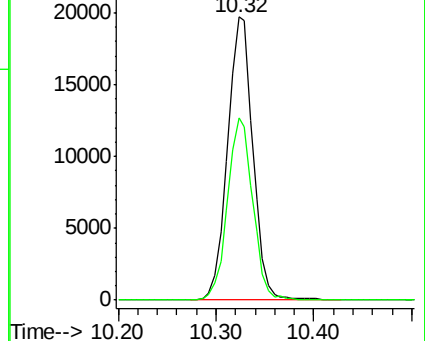
98 100

100 63.9 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#62

4-Bromofluorobenzene

Concen: 35.590 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW012409.D

Acq: 31 Aug 2019 19:01

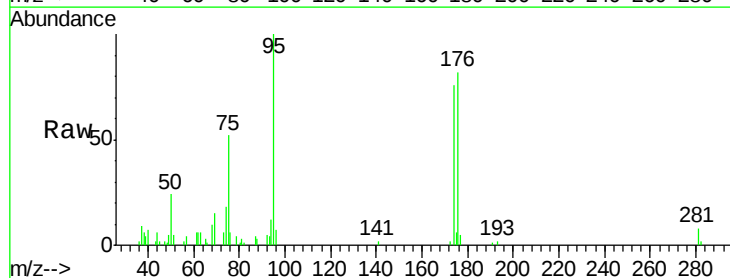
Tgt Ion: 95 Resp: 8877

Ion Ratio Lower Upper

95 100

174 79.1 0.0 150.8

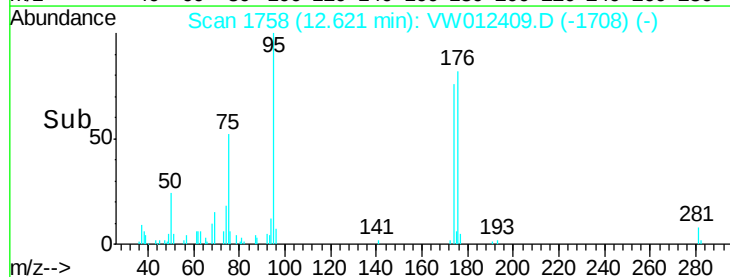
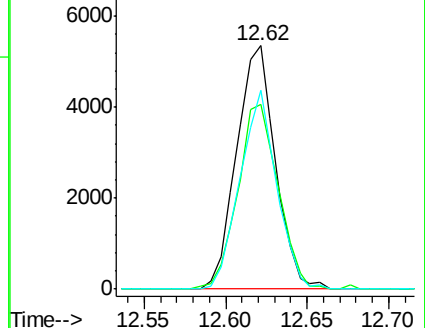
176 77.2 0.0 148.6

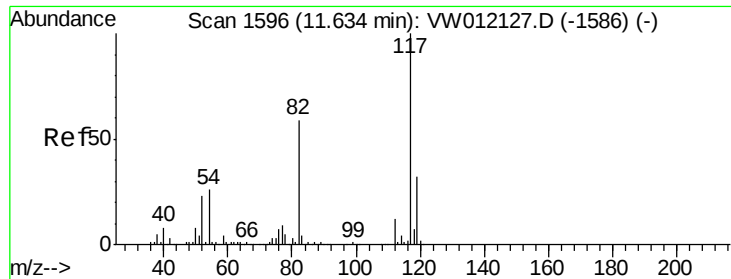


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

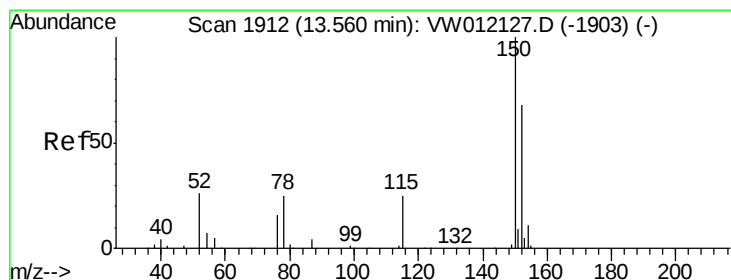
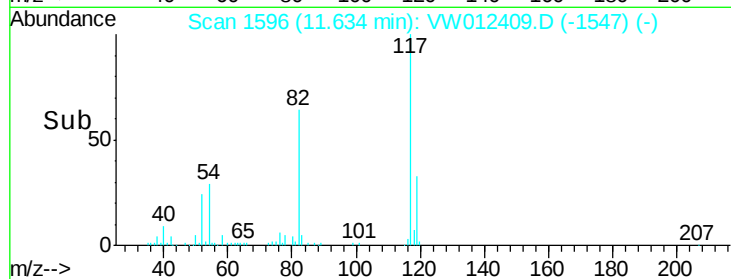
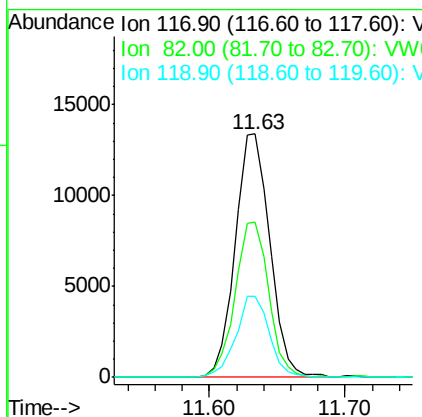
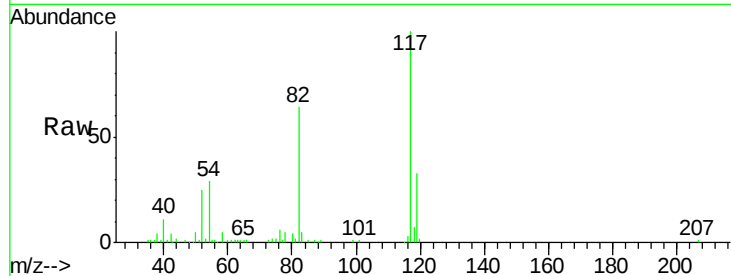




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012409.D
Acq: 31 Aug 2019 19:01

Instrument :
MSVOA_W
ClientSampleId :
T4-S-D2-(2.5)

Tot Ion:117 Resp: 23797
Ion Ratio Lower Upper
117 100
82 63.9 47.4 71.2
119 33.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012409.D
Acq: 31 Aug 2019 19:01

Tgt Ion:152 Resp: 5946
Ion Ratio Lower Upper
152 100
115 61.2 30.1 90.3
150 149.6 0.0 345.8

