

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW083119\
 Data File : VW012431.D
 Acq On : 01 Sep 2019 06:13
 Operator : SY/VA
 Sample : K4516-09
 Misc : 7.90G/5ML/MSVOA W/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-S-E-(2.5)

Quant Time: Sep 01 06:45:47 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

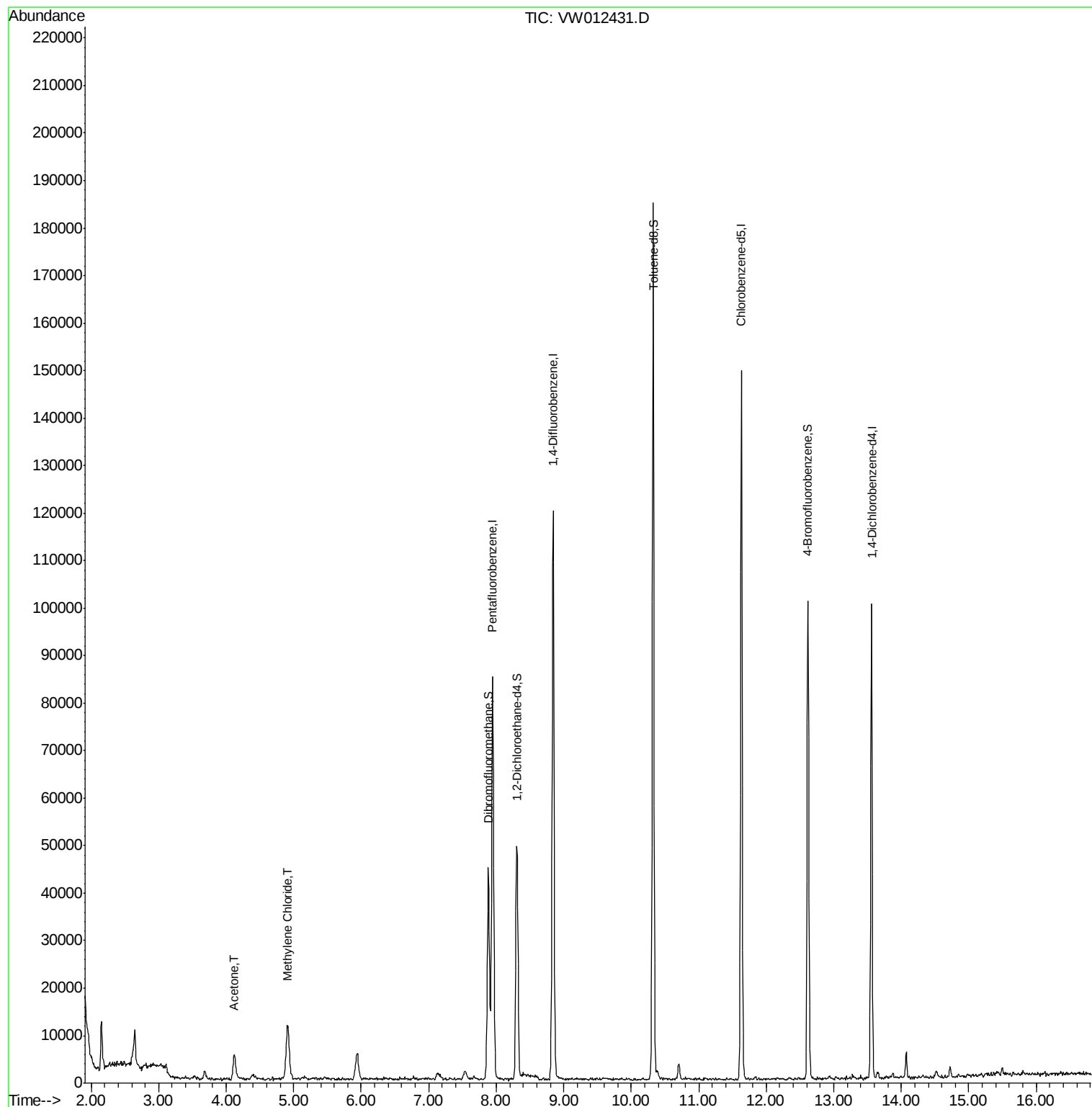
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	59645	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	91418	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	78912	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	25083	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	41446	58.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.90%	
35) Dibromofluoromethane	7.88	113	30993	56.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.60%	
50) Toluene-d8	10.32	98	113126	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
62) 4-Bromofluorobenzene	12.62	95	31846	40.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.66%	
Target Compounds						
16) Acetone	4.12	43	9714	53.596	ug/l	96
20) Methylene Chloride	4.90	84	8035	11.727	ug/l	96

(#) = 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: VW012431.D

Acq: 01 Sep 2019 06:13

Instrument :

MSVOA_W

ClientSampleId :

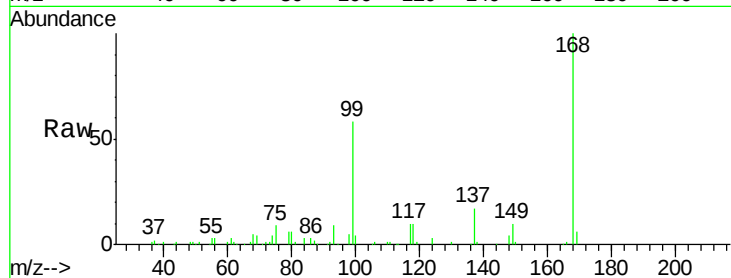
T1-S-E-(2.5)

Tot Ion:168 Resp: 59645

Ion Ratio Lower Upper

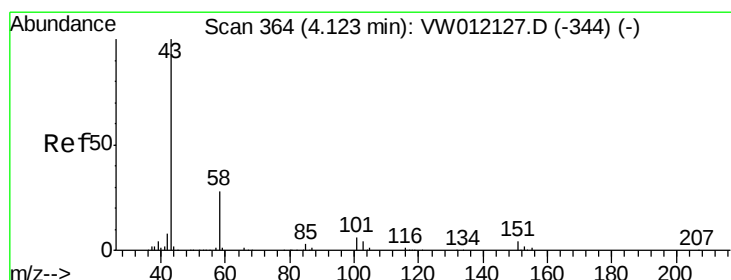
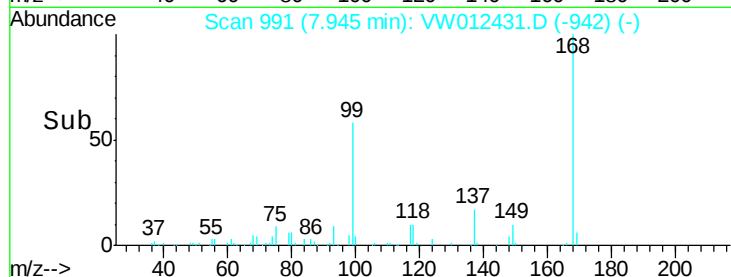
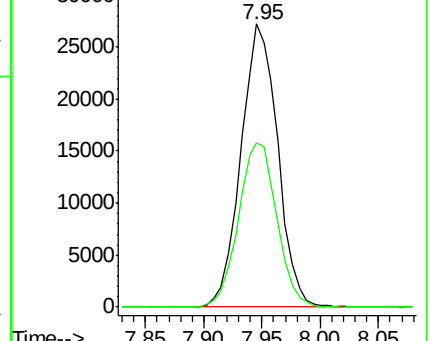
168 100

99 58.1 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: 53.596 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW012431.D

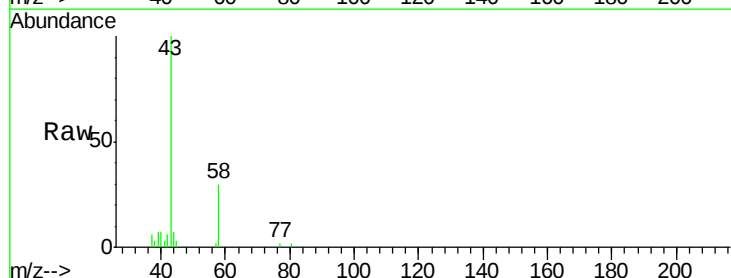
Acq: 01 Sep 2019 06:13

Tgt Ion: 43 Resp: 9714

Ion Ratio Lower Upper

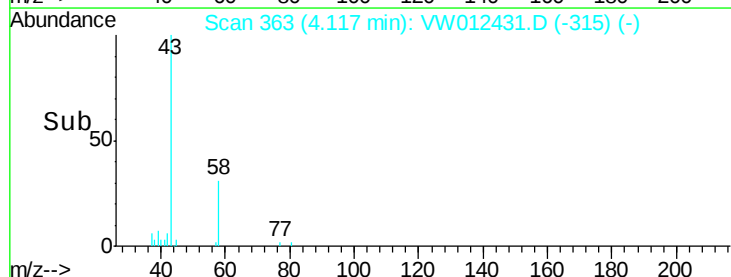
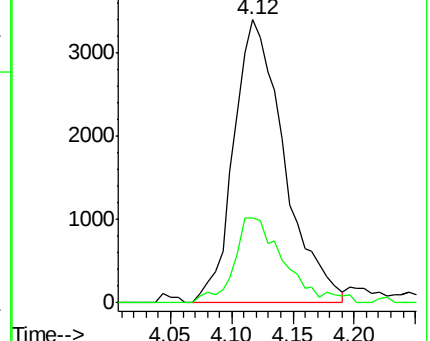
43 100

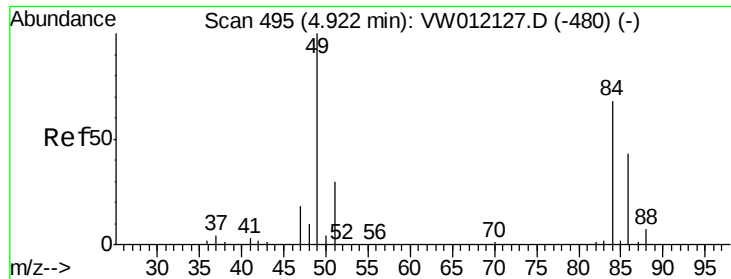
58 30.2 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

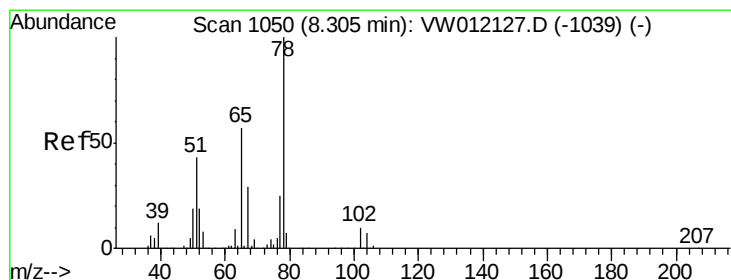
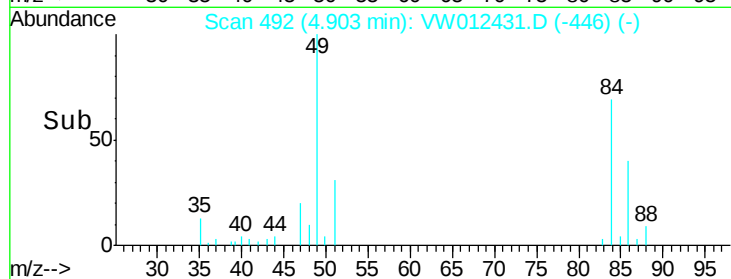
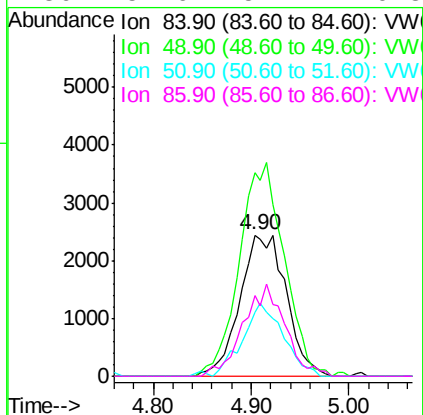
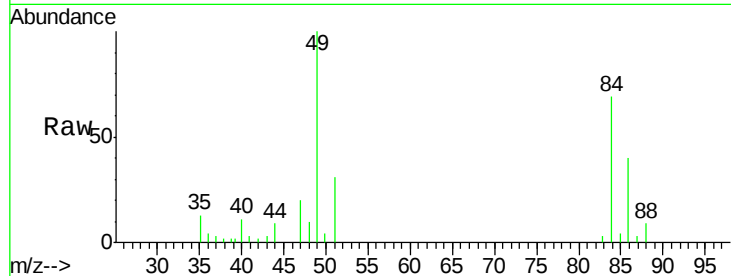




#20
Methvlene Chloride
Concen: 11.727 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.02 min
Lab File: VW012431.D
Acq: 01 Sep 2019 06:13

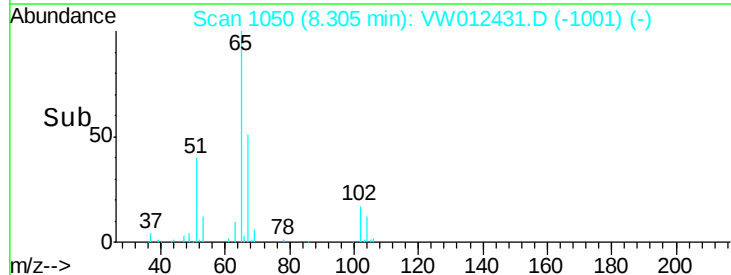
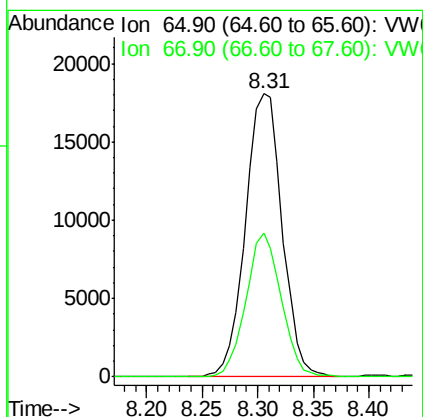
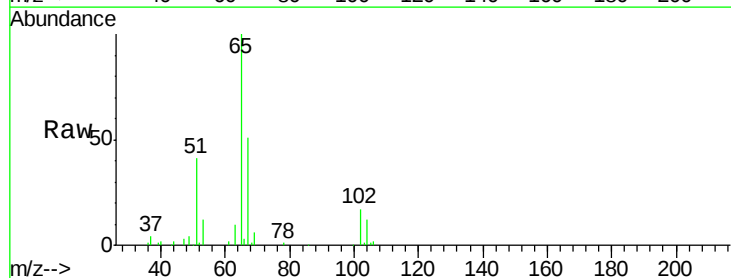
Instrument :
MSVOA_W
ClientSampleId :
T1-S-E-(2.5)

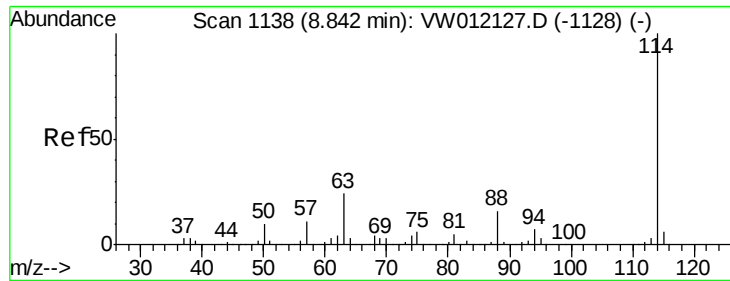
Tot Ion: 84 Resp: 8035
Ion Ratio Lower Upper
84 100
49 144.8 117.8 176.8
51 45.6 35.6 53.4
86 57.6 51.2 76.8



#33
1,2-Dichloroethane-d4
Concen: 58.454 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012431.D
Acq: 01 Sep 2019 06:13

Tgt Ion: 65 Resp: 41446
Ion Ratio Lower Upper
65 100
67 48.9 0.0 102.6

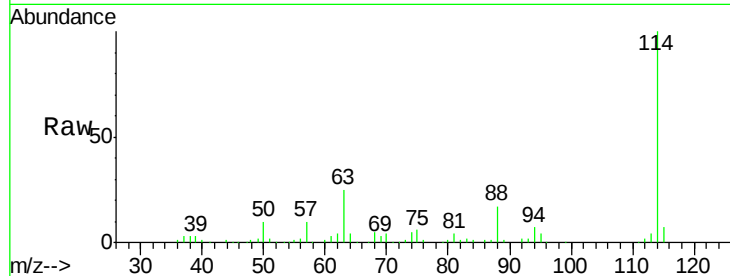




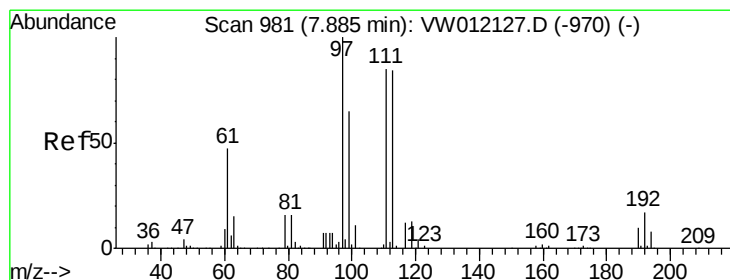
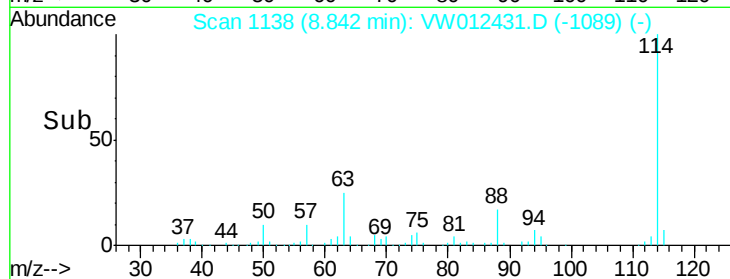
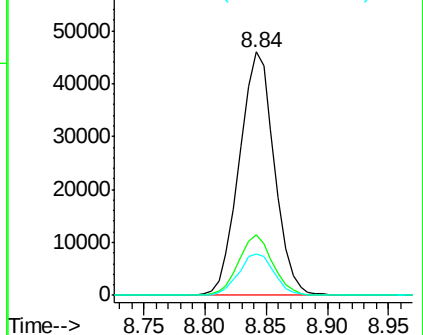
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012431.D
 Acq: 01 Sep 2019 06:13

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-S-E-(2.5)

Tot Ion:114 Resp: 91418
 Ion Ratio Lower Upper
 114 100
 63 24.8 0.0 48.6
 88 17.1 0.0 32.2

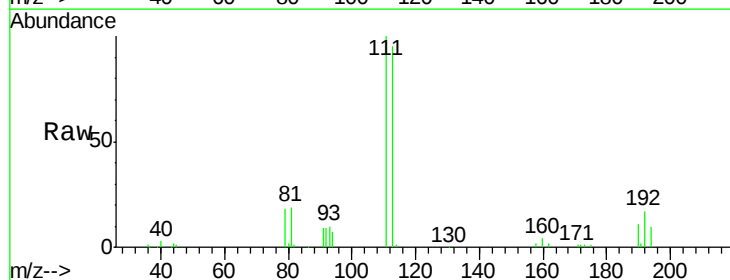


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VW
 Ion 87.90 (87.60 to 88.60): VW

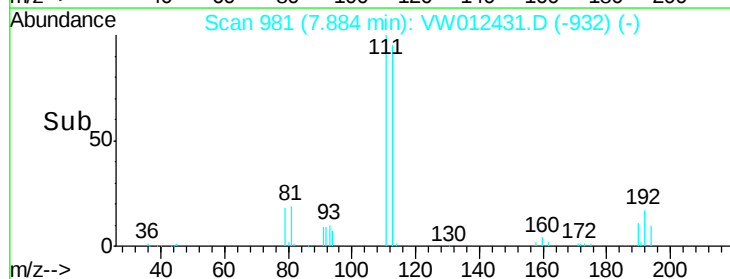
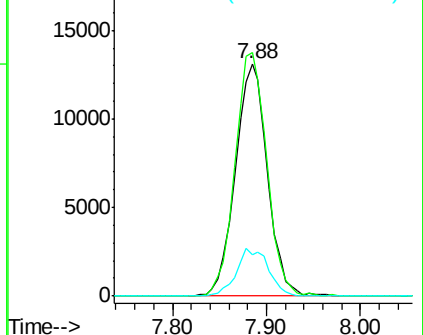


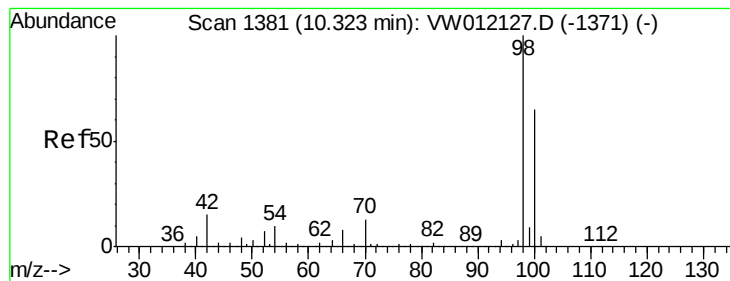
#35
 Dibromofluoromethane
 Concen: 56.797 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW012431.D
 Acq: 01 Sep 2019 06:13

Tgt Ion:113 Resp: 30993
 Ion Ratio Lower Upper
 113 100
 111 104.2 82.7 124.1
 192 20.5 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: 51.129 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012431.D

Acq: 01 Sep 2019 06:13

Instrument :

MSVOA_W

ClientSampleId :

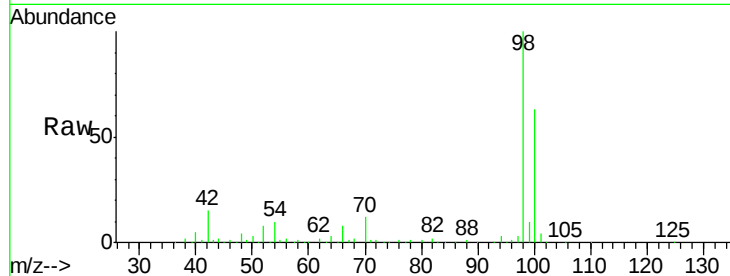
T1-S-E-(2.5)

Tot Ion: 98 Resp: 113126

Ion Ratio Lower Upper

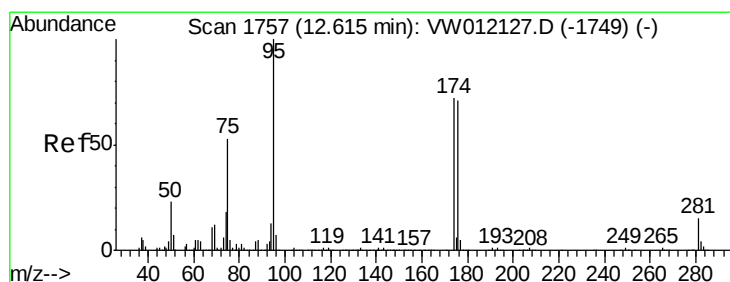
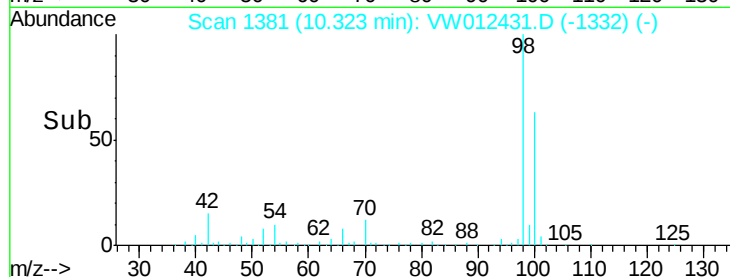
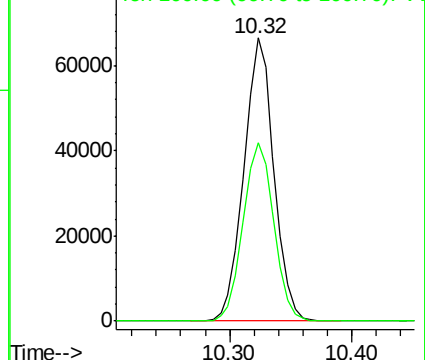
98 100

100 64.6 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: 40.832 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012431.D

Acq: 01 Sep 2019 06:13

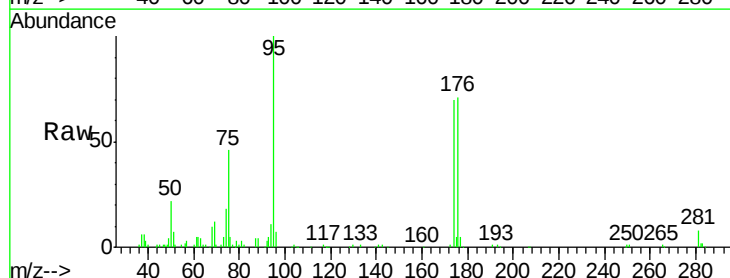
Tgt Ion: 95 Resp: 31846

Ion Ratio Lower Upper

95 100

174 78.8 0.0 150.8

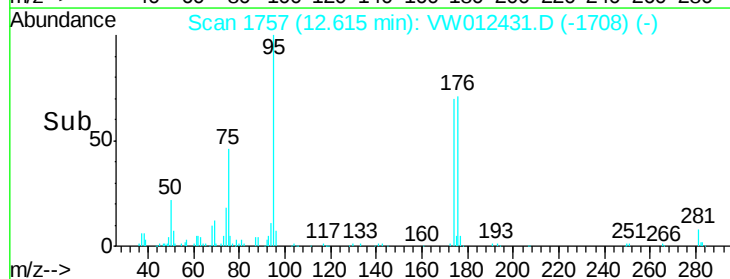
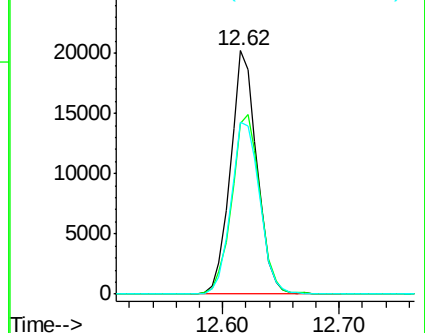
176 76.8 0.0 148.6

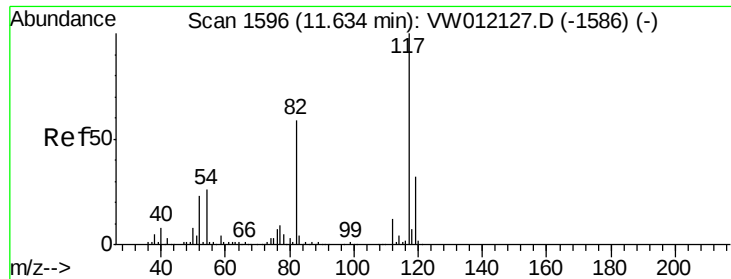


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

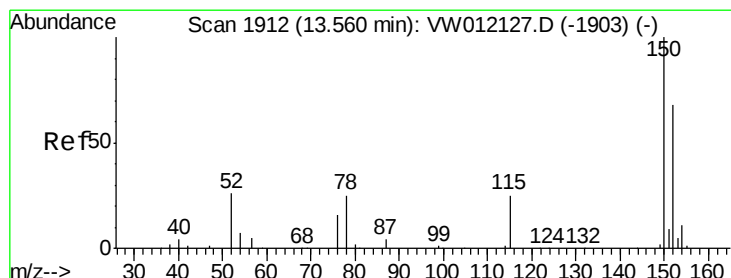
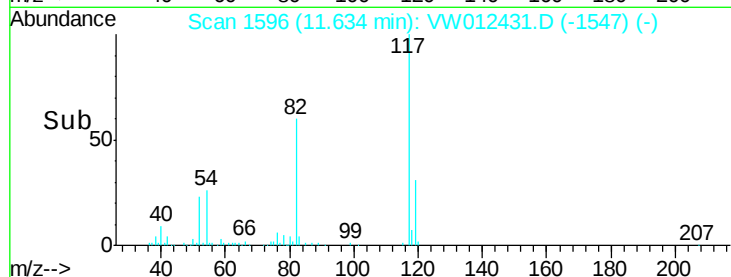
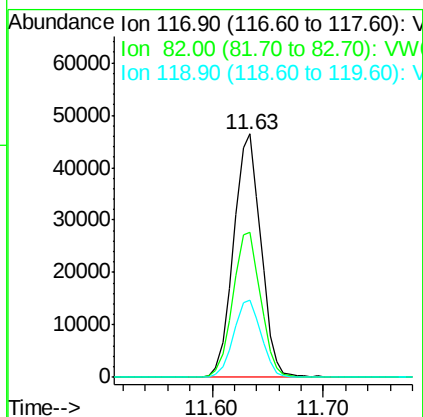
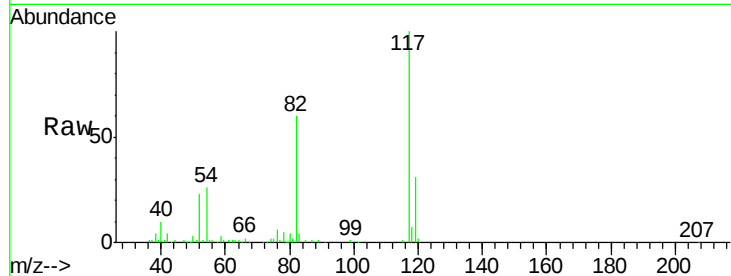




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012431.D
Acq: 01 Sep 2019 06:13

Instrument :
MSVOA_W
ClientSampleId :
T1-S-E-(2.5)

Tot Ion:117 Resp: 78912
Ion Ratio Lower Upper
117 100
82 59.6 47.4 71.2
119 31.5 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: VW012431.D
Acq: 01 Sep 2019 06:13

Tgt Ion:152 Resp: 25083
Ion Ratio Lower Upper
152 100
115 59.2 30.1 90.3
150 154.3 0.0 345.8

