

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090119\
 Data File : VW012448.D
 Acq On : 01 Sep 2019 15:14
 Operator : SY/VA
 Sample : K4517-11
 Misc : 7.20G/5ML/MSVOA W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T4-S-D4-(2.5)

Quant Time: Sep 02 07:50:46 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

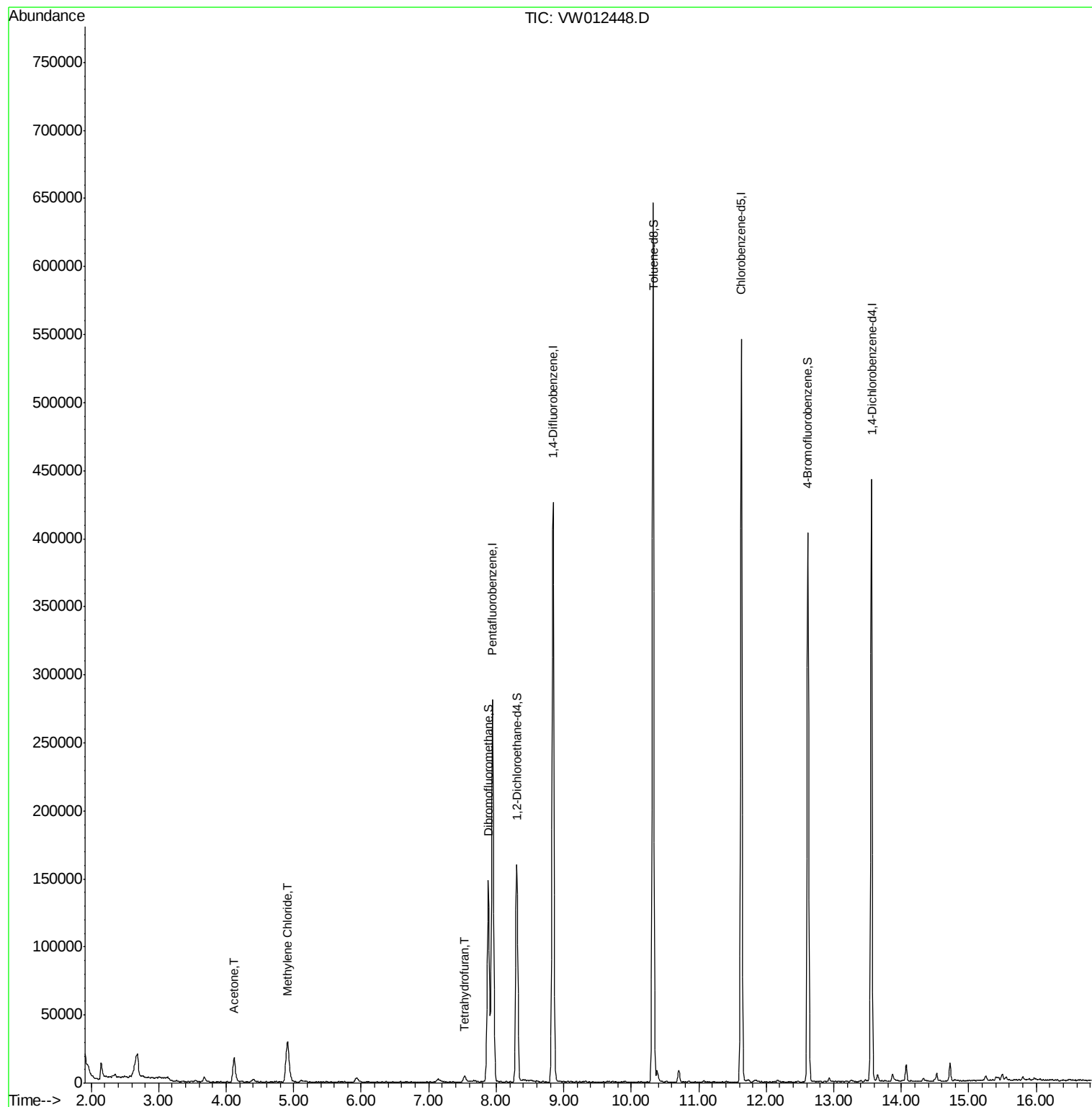
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	201204	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	330867	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	278382	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	113411	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	131216	54.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.72%	
35) Dibromofluoromethane	7.88	113	102220	51.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.52%	
50) Toluene-d8	10.32	98	409558	51.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.28%	
62) 4-Bromofluorobenzene	12.62	95	127389	45.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.26%	
Target Compounds						
16) Acetone	4.12	43	31623	51.722	ug/l	99
20) Methylene Chloride	4.92	84	21970	9.505	ug/l	97
29) Tetrahydrofuran	7.53	42	3815	7.654	ug/l	96

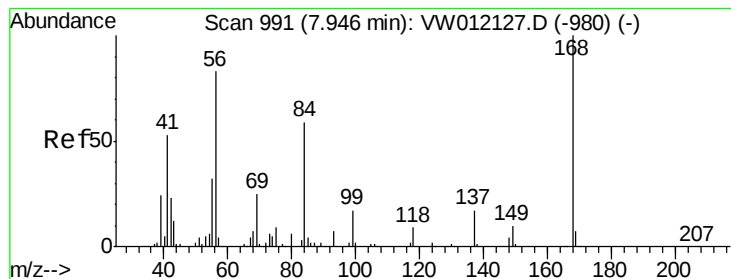
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090119\
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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# 991

Delta R.T. -0.00 min

Lab File: VW012448.D

Acq: 01 Sep 2019 15:14

Instrument :

MSVOA_W

ClientSampleId :

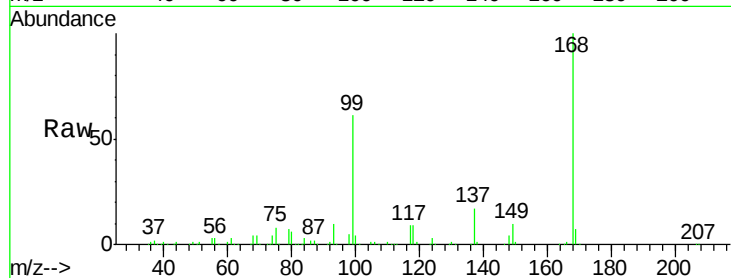
T4-S-D4-(2.5)

Tot Ion:168 Resp: 201204

Ion Ratio Lower Upper

168 100

99 61.2 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

100000

80000

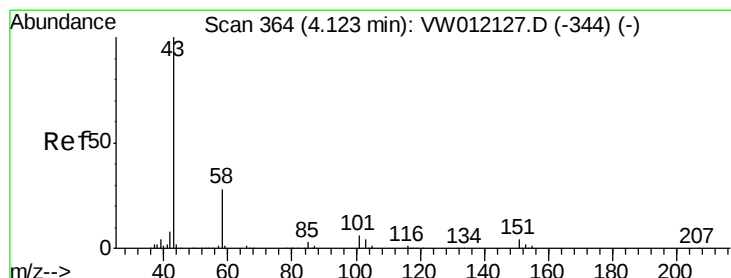
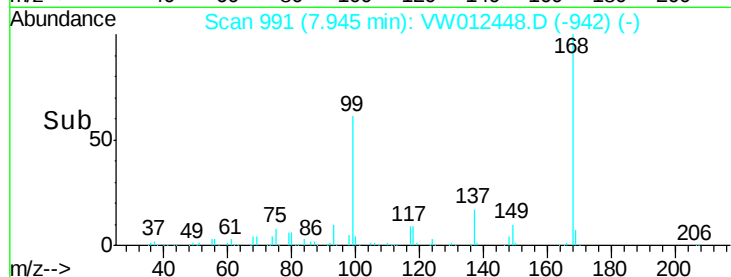
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 51.722 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW012448.D

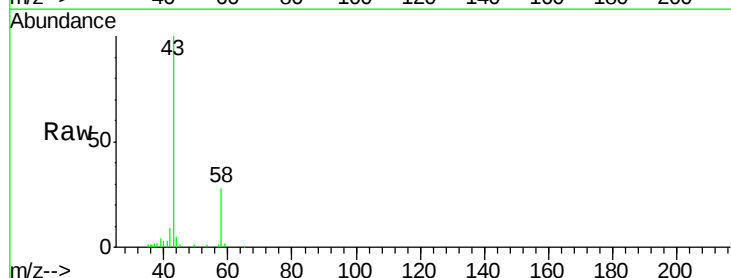
Acq: 01 Sep 2019 15:14

Tgt Ion: 43 Resp: 31623

Ion Ratio Lower Upper

43 100

58 27.5 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

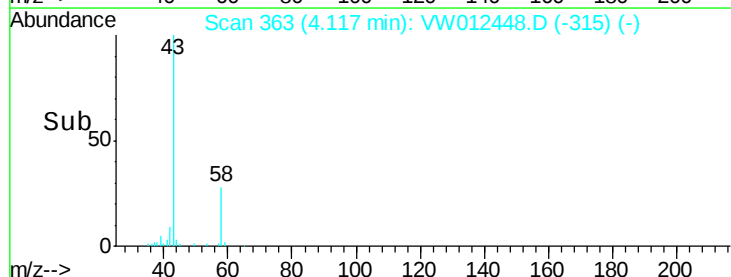
4.12

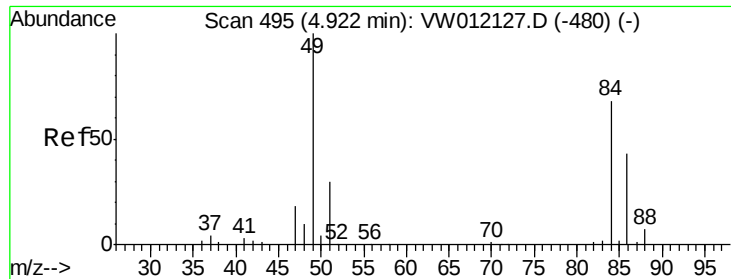
10000

5000

0

Time-->

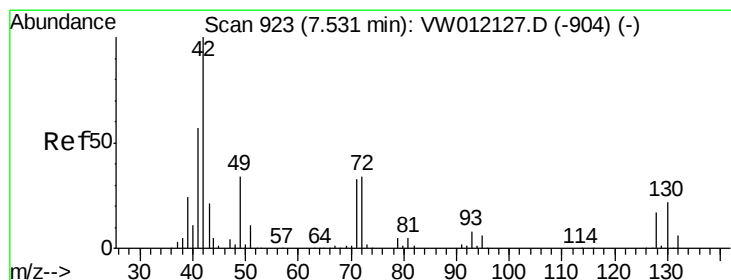
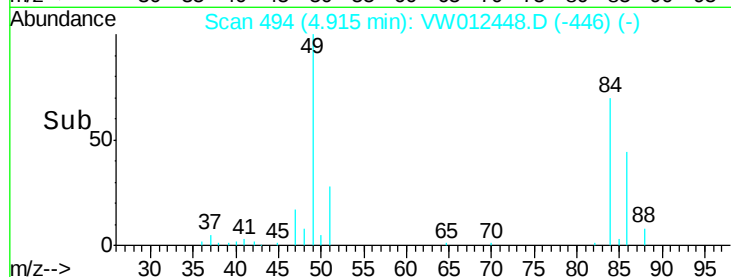
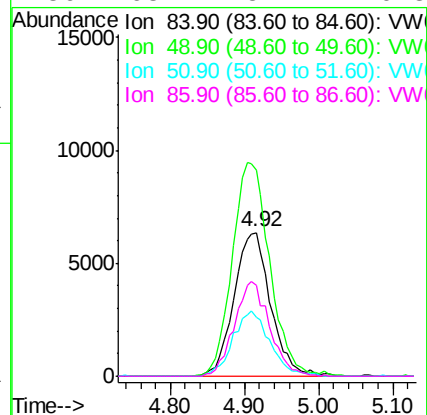
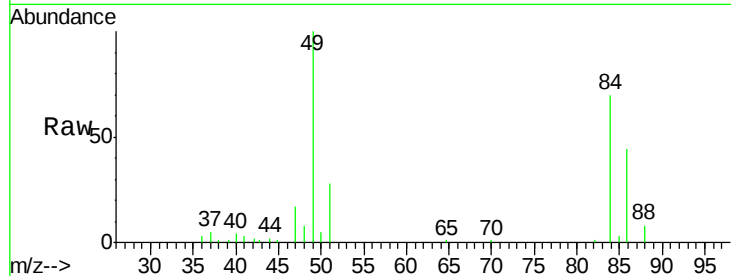




#20
Methvlene Chloride
Concen: 9.505 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012448.D
Acq: 01 Sep 2019 15:14

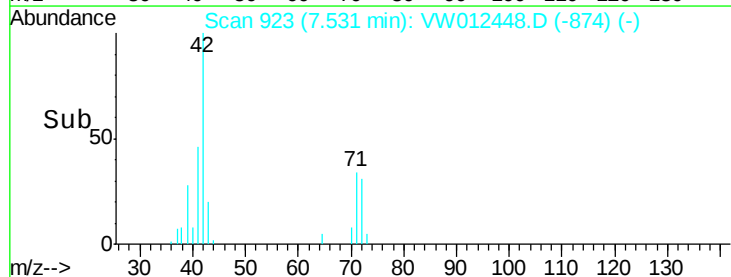
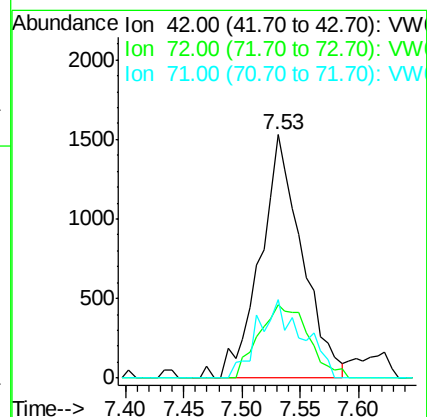
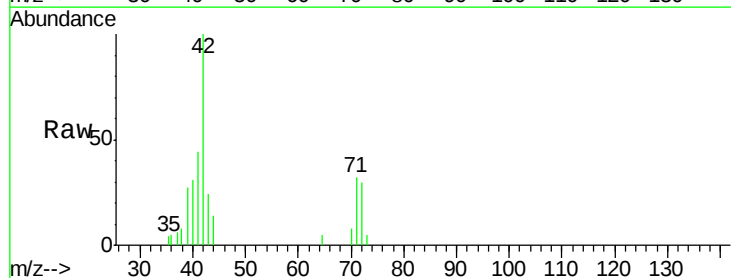
Instrument :
MSVOA_W
ClientSampleId :
T4-S-D4-(2.5)

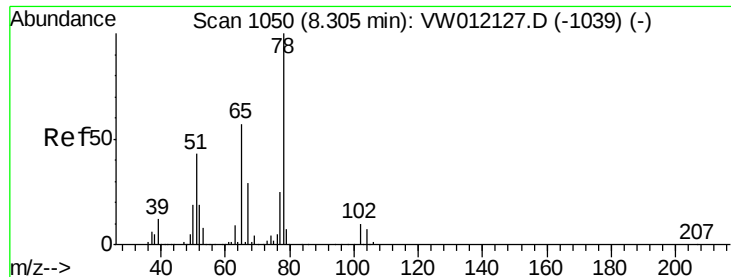
Tot Ion:	84	Resp:	21970
Ion	Ratio	Lower	Upper
84	100		
49	143.5	117.8	176.8
51	40.8	35.6	53.4
86	63.2	51.2	76.8



#29
Tetrahydrofuran
Concen: 7.654 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW012448.D
Acq: 01 Sep 2019 15:14

Tgt Ion:	42	Resp:	3815
Ion	Ratio	Lower	Upper
42	100		
72	35.8	27.3	40.9
71	34.5	25.5	38.3





#33

1,2-Dichloroethane-d4

Concen: 54.860 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012448.D

Acq: 01 Sep 2019 15:14

Instrument :

MSVOA_W

ClientSampleId :

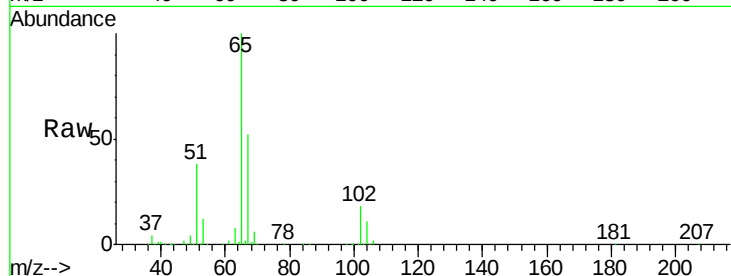
T4-S-D4-(2.5)

Tot Ion: 65 Resp: 131216

Ion Ratio Lower Upper

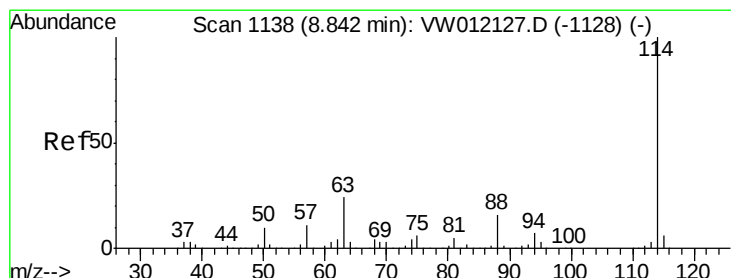
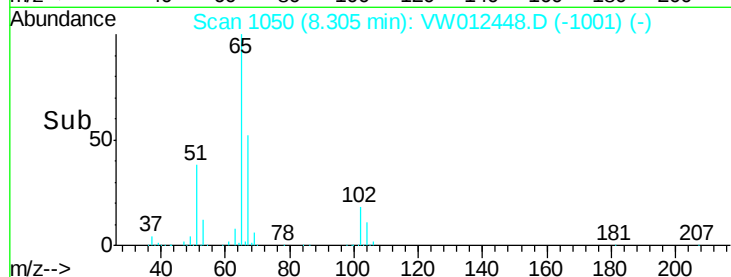
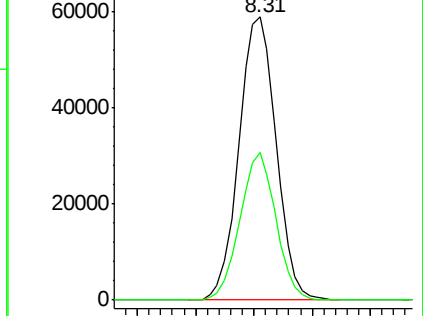
65 100

67 50.6 0.0 102.6



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: VW012448.D

Acq: 01 Sep 2019 15:14

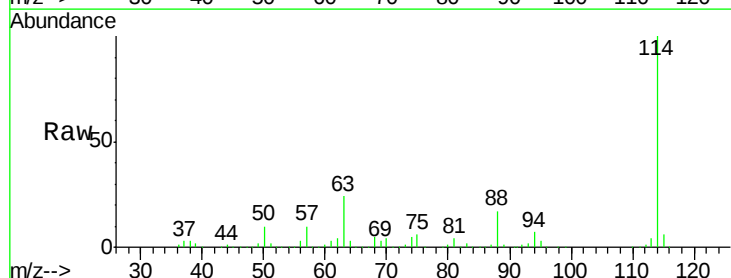
Tgt Ion: 114 Resp: 330867

Ion Ratio Lower Upper

114 100

63 23.9 0.0 48.6

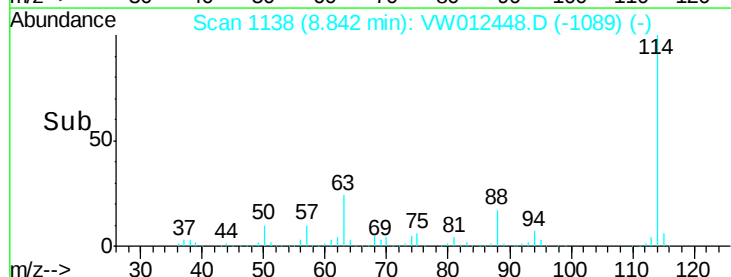
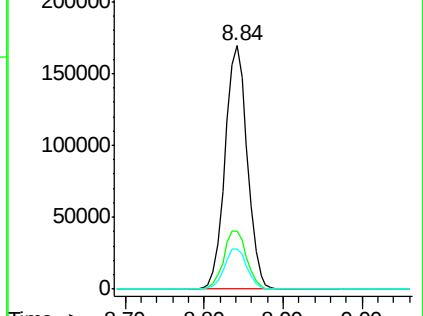
88 16.6 0.0 32.2

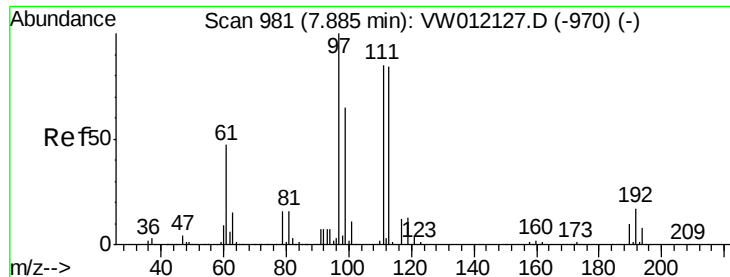


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VW

Ion 87.90 (87.60 to 88.60): VW

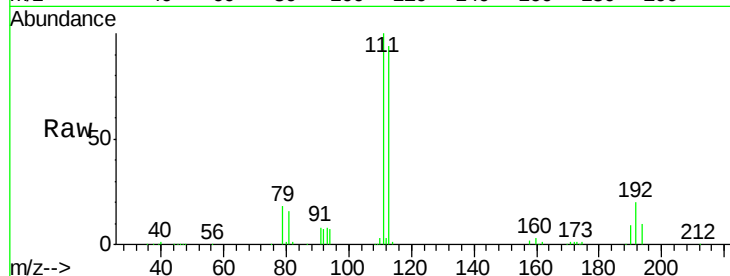




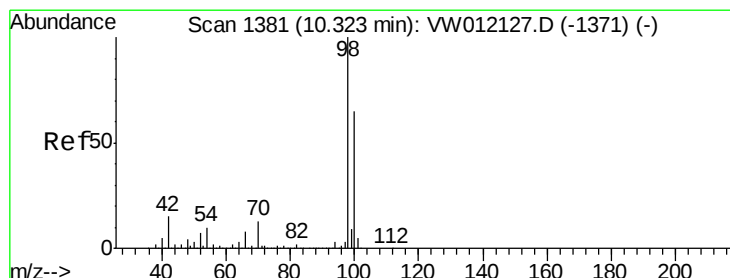
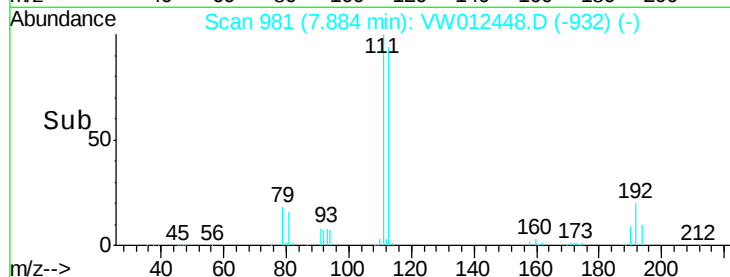
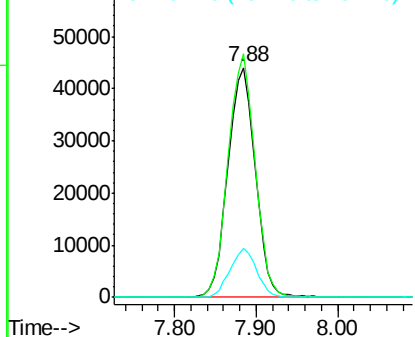
#35
Dibromofluoromethane
Concen: 51.758 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW012448.D
Acq: 01 Sep 2019 15:14

Instrument :
MSVOA_W
ClientSampleId :
T4-S-D4-(2.5)

Tot Ion	Ratio	Lower	Upper
113	100		
111	104.2	82.7	124.1
192	20.5	16.2	24.2

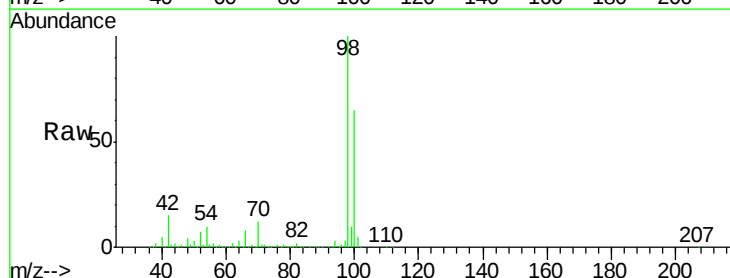


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

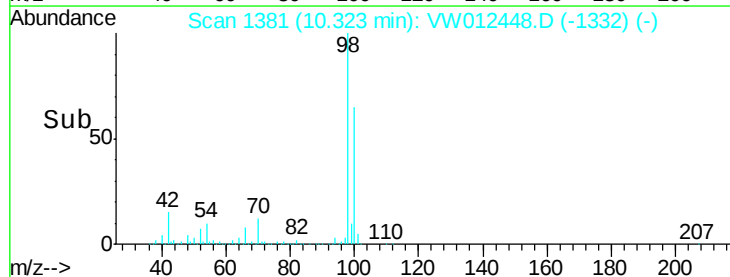
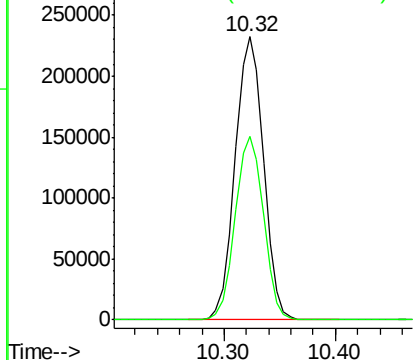


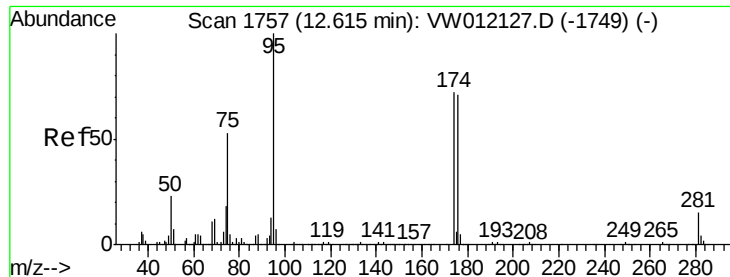
#50
Toluene-d8
Concen: 51.144 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW012448.D
Acq: 01 Sep 2019 15:14

Tgt 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

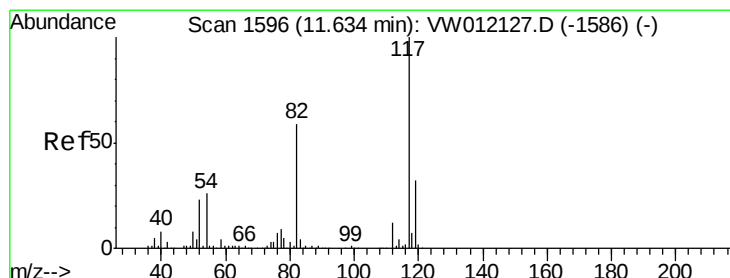
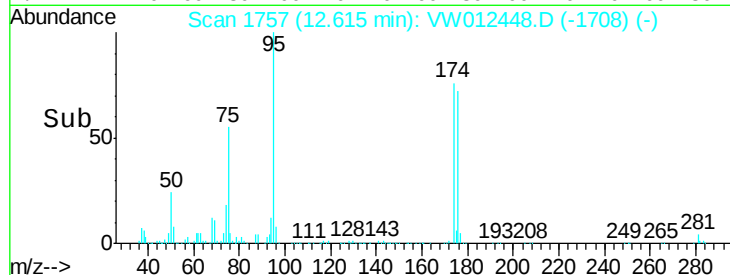
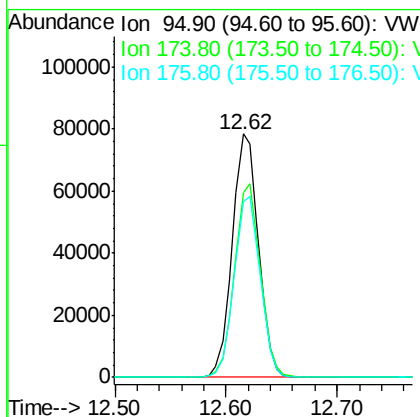
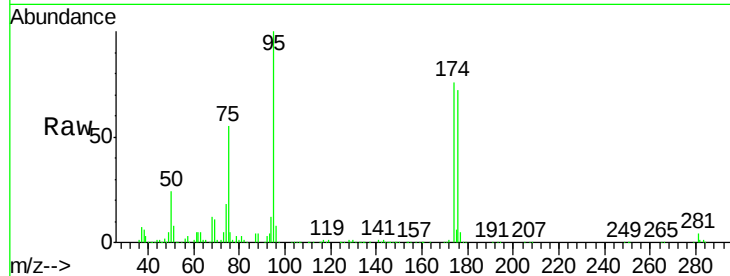




#62
4-Bromofluorobenzene
Concen: 45.129 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012448.D
Acq: 01 Sep 2019 15:14

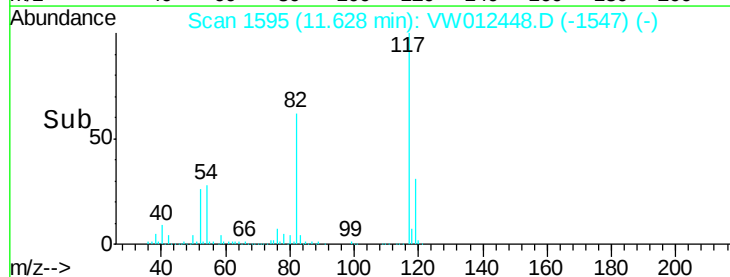
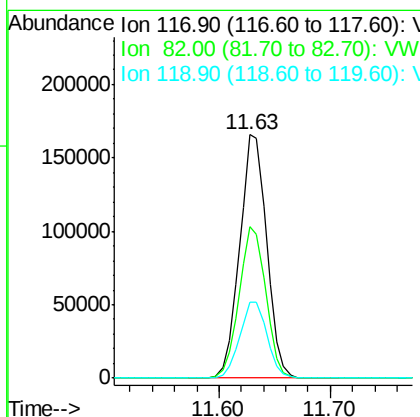
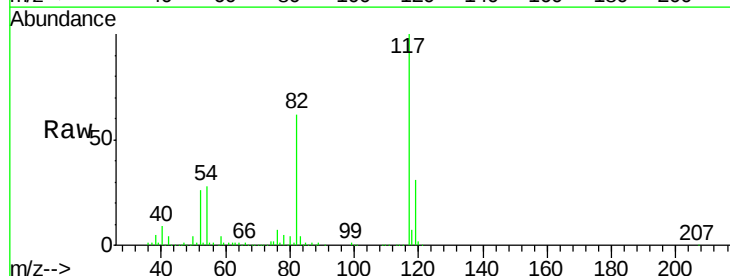
Instrument :
MSVOA_W
ClientSampleId :
T4-S-D4-(2.5)

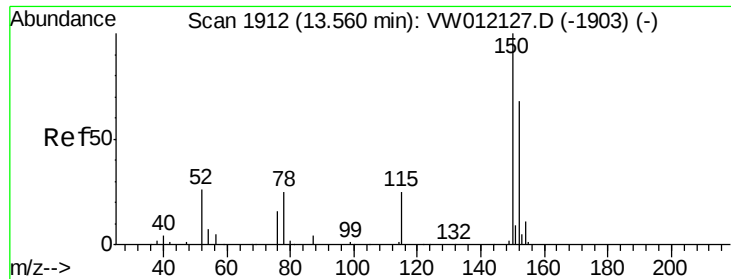
Tot Ion: 95 Resp: 127389
Ion Ratio Lower Upper
95 100
174 78.6 0.0 150.8
176 74.0 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012448.D
Acq: 01 Sep 2019 15:14

Tgt Ion: 117 Resp: 278382
Ion Ratio Lower Upper
117 100
82 62.2 47.4 71.2
119 31.3 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: VW012448.D

Acq: 01 Sep 2019 15:14

Instrument :

MSVOA_W

ClientSampleId :

T4-S-D4-(2.5)

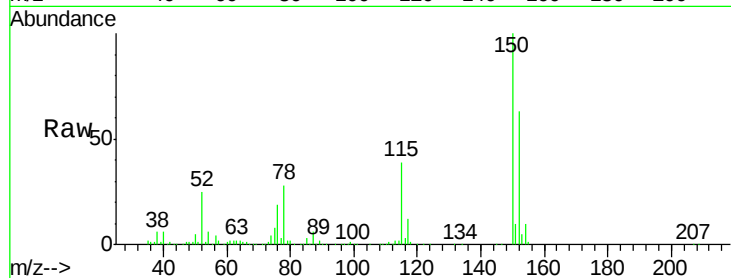
Tot Ion:152 Resp: 113411

Ion Ratio Lower Upper

152 100

115 59.7 30.1 90.3

150 154.5 0.0 345.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

