

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090319\
 Data File : VW012569.D
 Acq On : 04 Sep 2019 02:15
 Operator : SY/VA
 Sample : K4544-18
 Misc : 2.88G/5ML/MSVOA W/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T16-17-C4-(2.25)

Quant Time: Sep 04 08:03:06 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

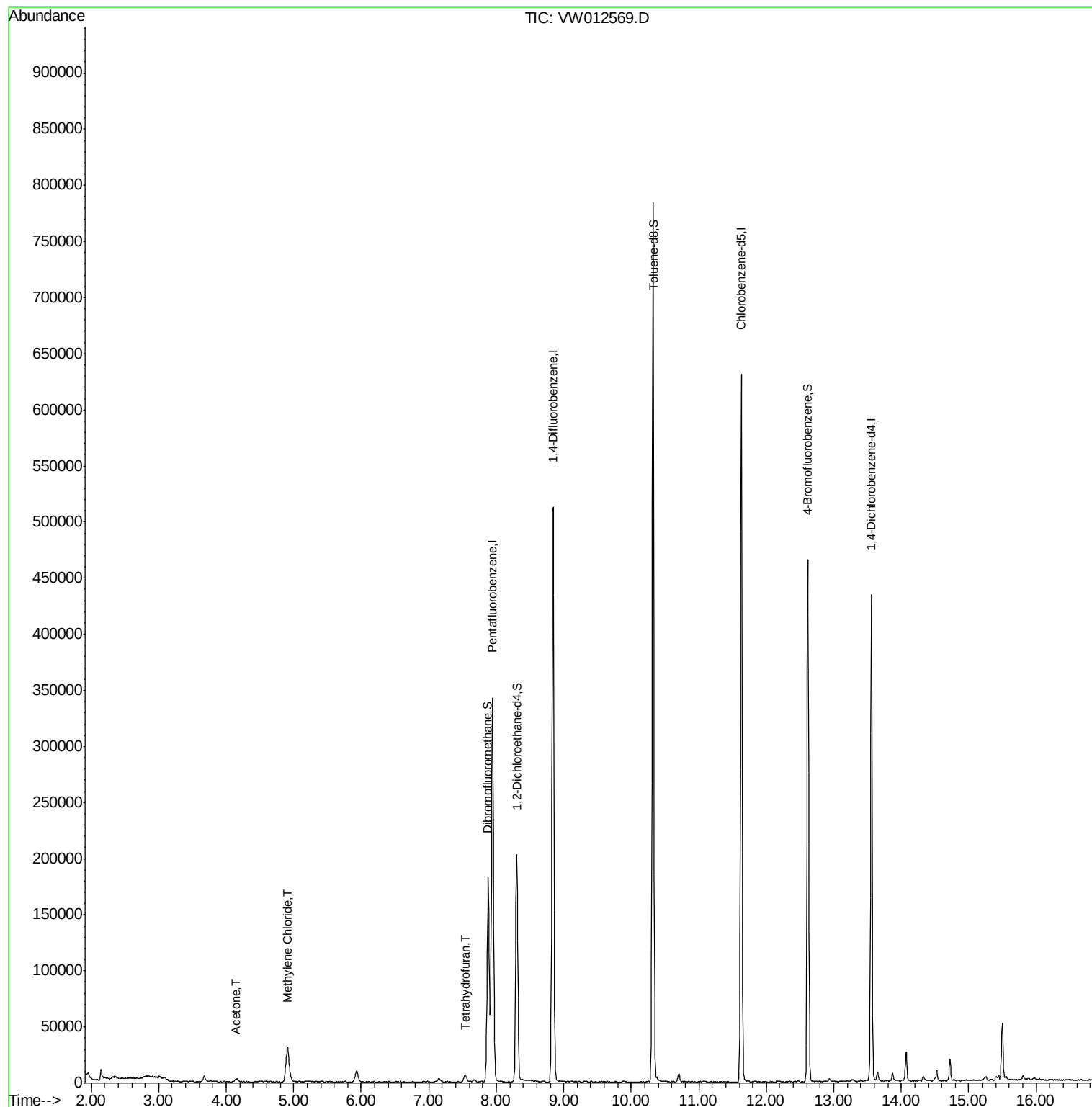
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	248394	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	411408	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	320199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	108898	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	166801	56.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.98%	
35) Dibromofluoromethane	7.88	113	127434	51.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.78%	
50) Toluene-d8	10.32	98	492367	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
62) 4-Bromofluorobenzene	12.62	95	141224	40.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.48%	
Target Compounds						
16) Acetone	4.14	43	6071	8.043	ug/l	94
20) Methylene Chloride	4.92	84	23112	8.100	ug/l	91
29) Tetrahydrofuran	7.54	42	6195	10.067	ug/l	99

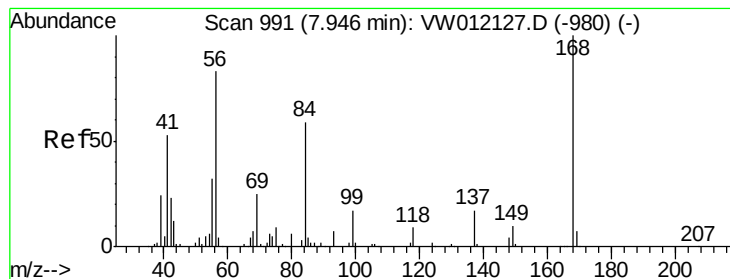
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012569.D

Acq: 04 Sep 2019 02:15

Instrument :

MSVOA_W

ClientSampleId :

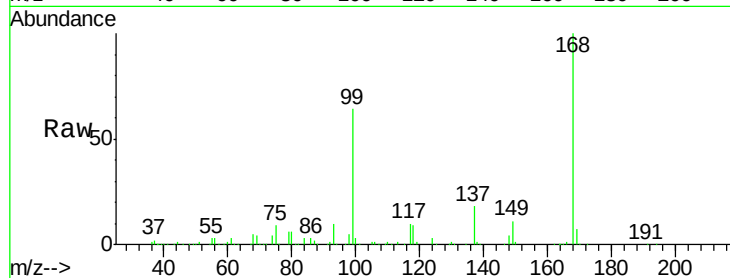
T16-17-C4-(2.25)

Tot Ion:168 Resp: 248394

Ion Ratio Lower Upper

168 100

99 63.8 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

120000

100000

80000

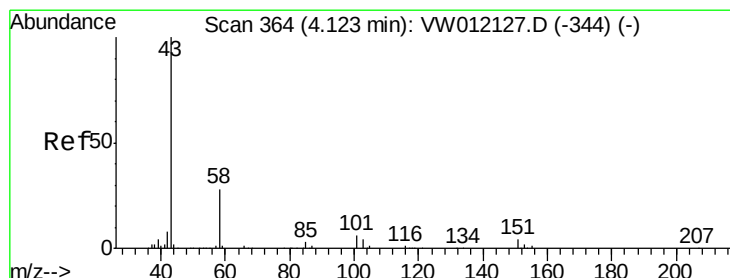
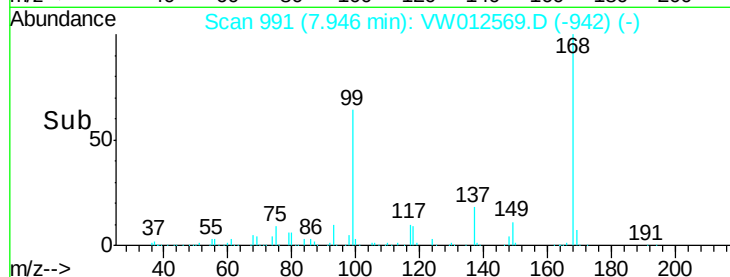
60000

40000

20000

0

Time--> 7.80 7.90 8.00



#16

Acetone

Concen: 8.043 ug/l

RT: 4.14 min Scan# 367

Delta R.T. 0.02 min

Lab File: VW012569.D

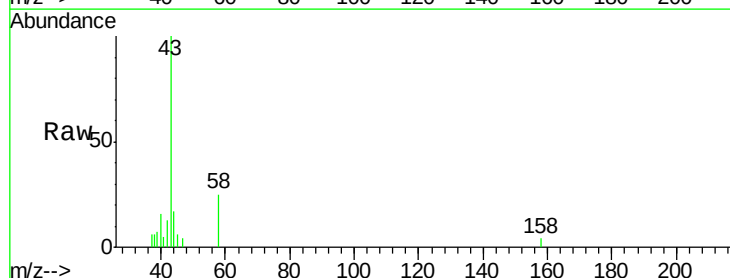
Acq: 04 Sep 2019 02:15

Tgt Ion: 43 Resp: 6071

Ion Ratio Lower Upper

43 100

58 24.7 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.14

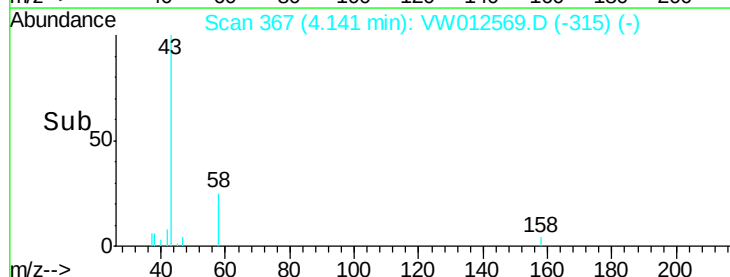
1500

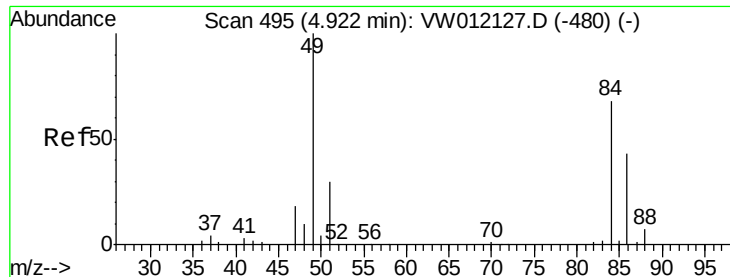
1000

500

0

Time--> 4.00 4.10 4.20 4.30

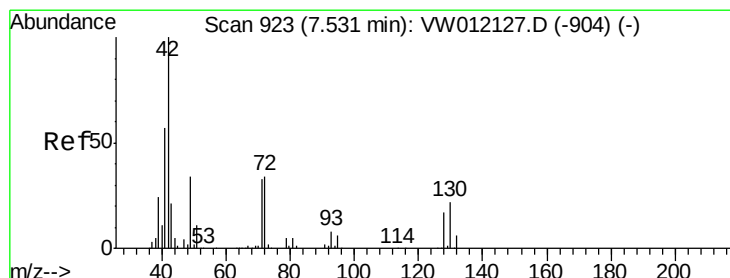
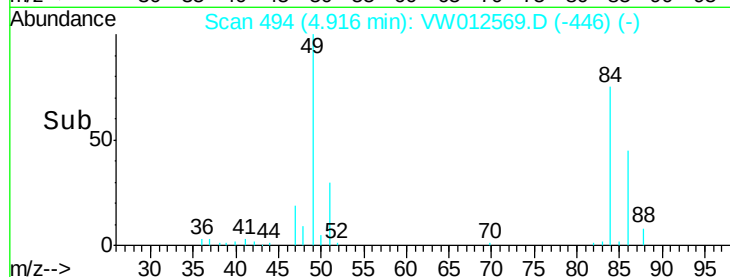
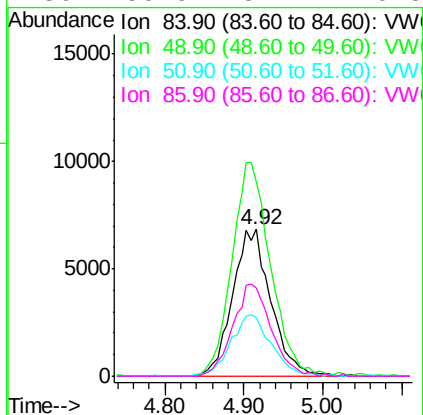
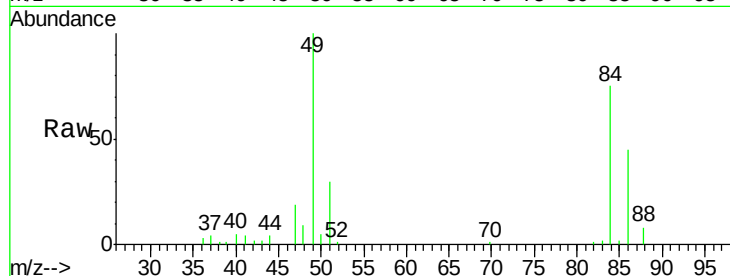




#20
Methvlene Chloride
Concen: 8.100 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012569.D
Acq: 04 Sep 2019 02:15

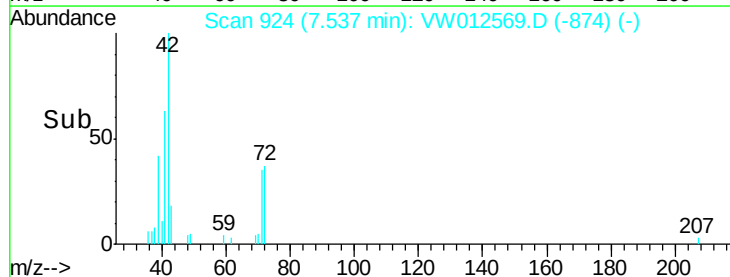
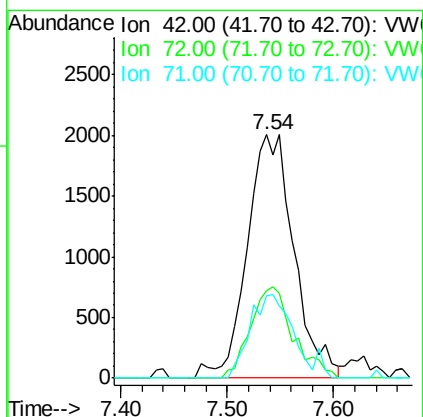
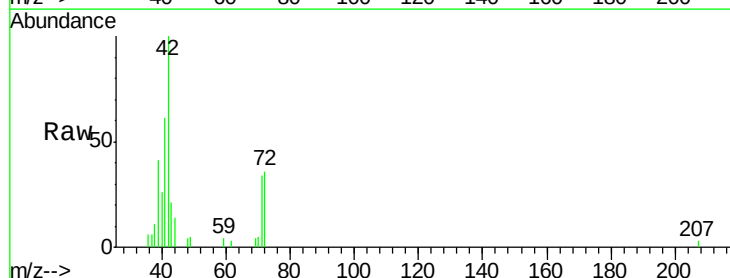
Instrument :
MSVOA_W
ClientSampleId :
T16-17-C4-(2.25)

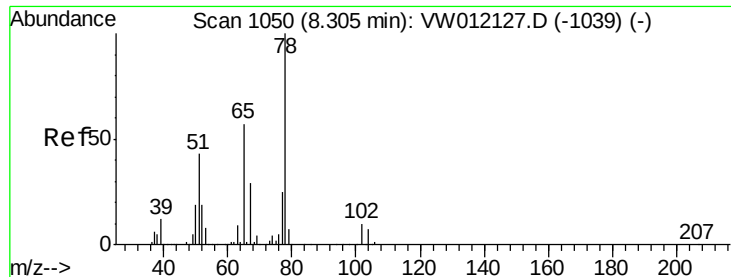
Tot Ion:	84	Resp:	23112
Ion	Ratio	Lower	Upper
84	100		
49	132.7	117.8	176.8
51	40.3	35.6	53.4
86	59.9	51.2	76.8



#29
Tetrahydrofuran
Concen: 10.067 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012569.D
Acq: 04 Sep 2019 02:15

Tgt Ion:	42	Resp:	6195
Ion	Ratio	Lower	Upper
42	100		
72	34.0	27.3	40.9
71	30.5	25.5	38.3

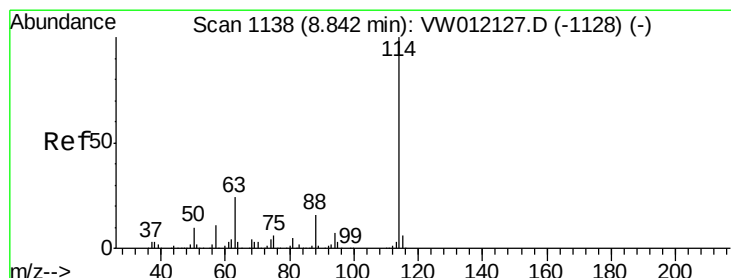
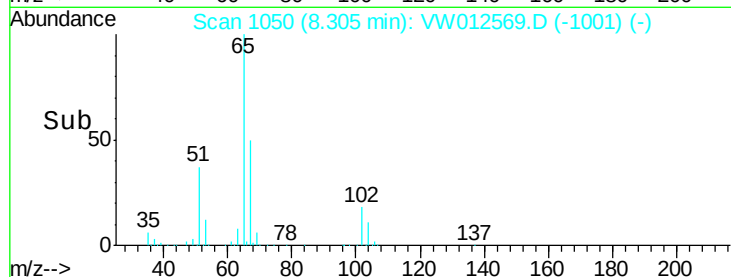
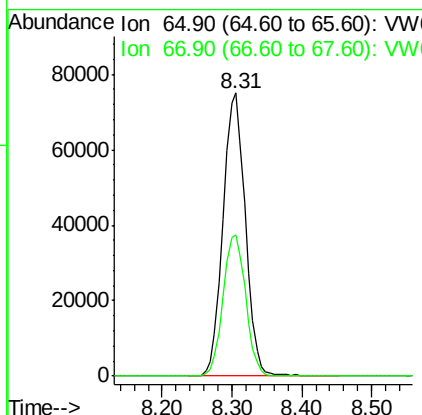
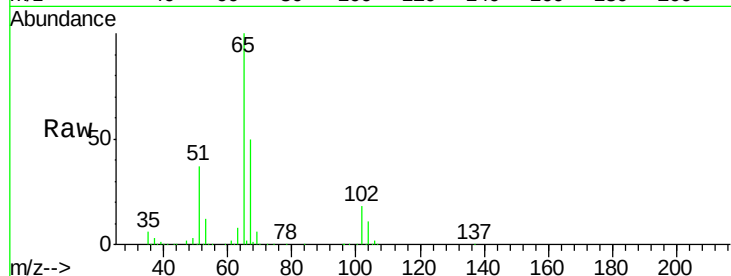




#33
 1,2-Dichloroethane-d4
 Concen: 56.489 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012569.D
 Acq: 04 Sep 2019 02:15

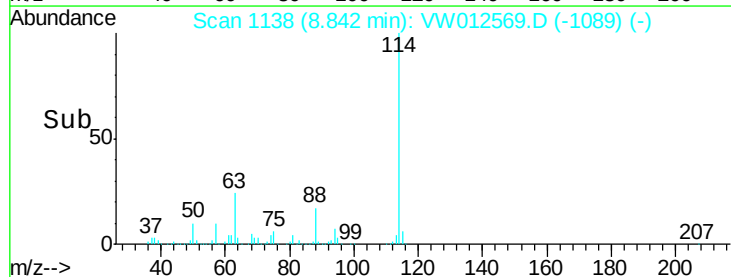
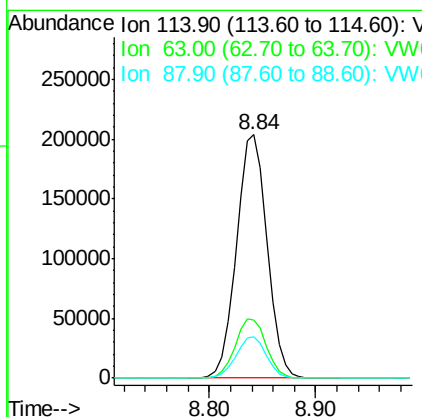
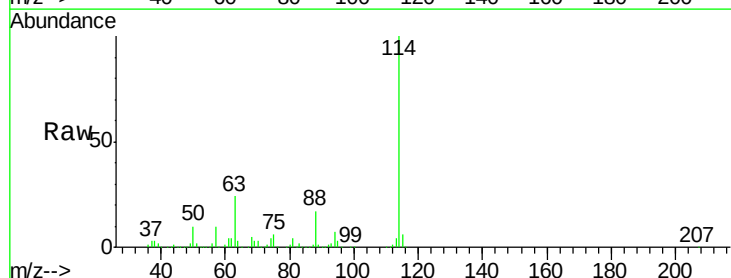
Instrument :
 MSVOA_W
 ClientSampleId :
 T16-17-C4-(2.25)

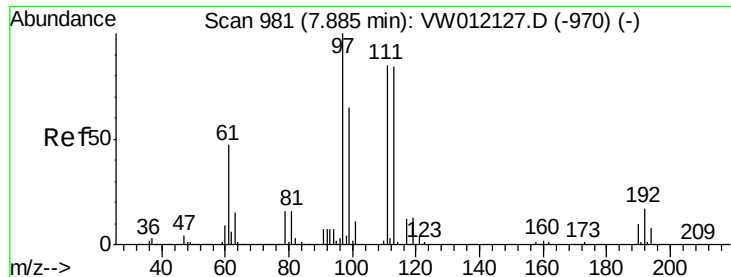
Tot Ion: 65 Resp: 166801
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012569.D
 Acq: 04 Sep 2019 02:15

Tgt Ion: 114 Resp: 411408
 Ion Ratio Lower Upper
 114 100
 63 24.0 0.0 48.6
 88 16.9 0.0 32.2

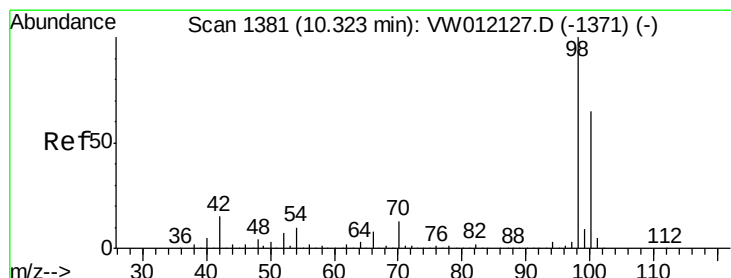
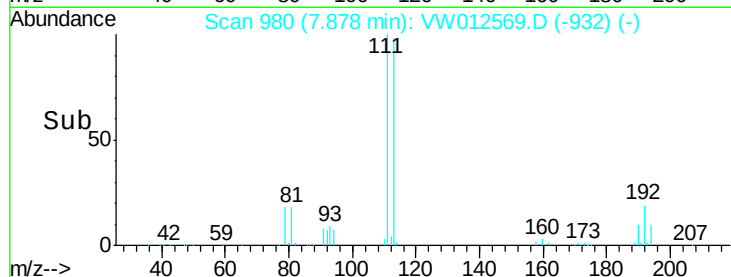
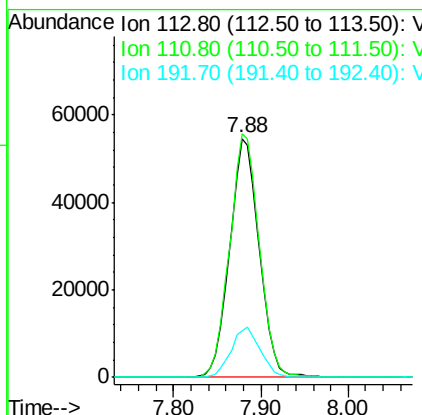
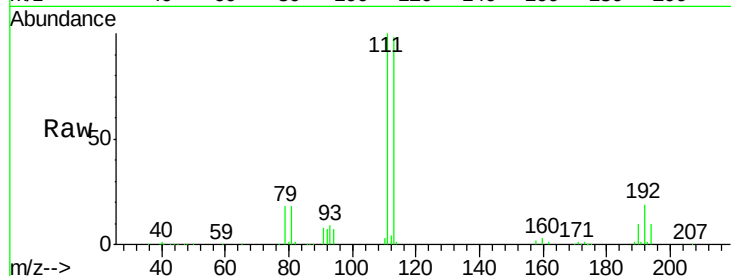




#35
 Dibromofluoromethane
 Concen: 51.893 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: VW012569.D
 Acq: 04 Sep 2019 02:15

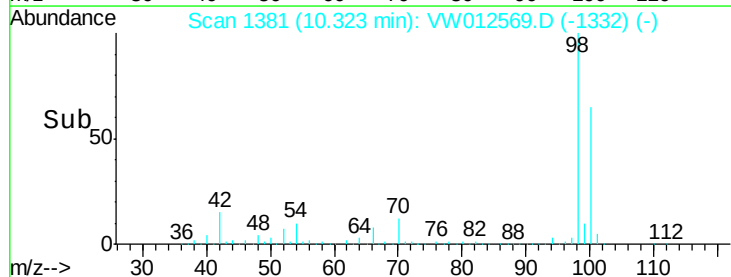
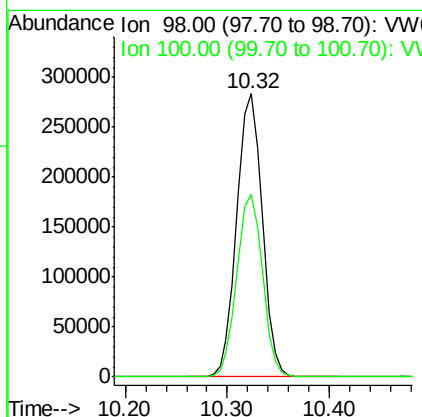
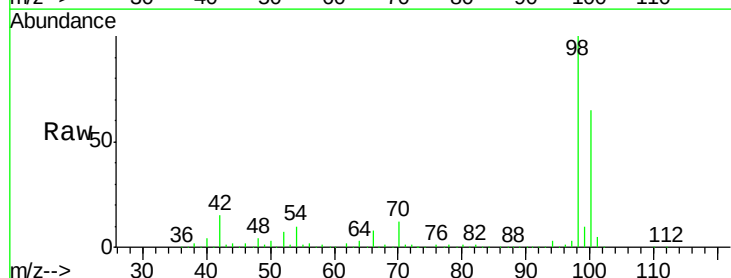
Instrument :
 MSVOA_W
 ClientSampleId :
 T16-17-C4-(2.25)

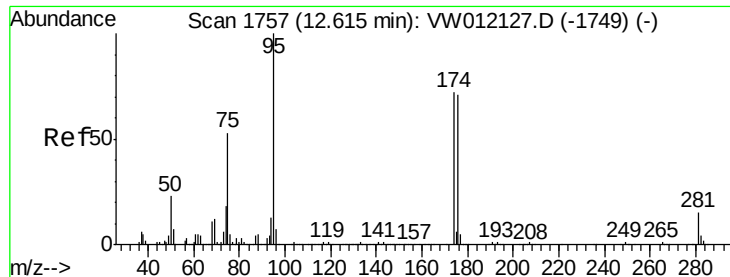
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.7	124.1
192	20.8	16.2	24.2



#50
 Toluene-d8
 Concen: 49.448 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW012569.D
 Acq: 04 Sep 2019 02:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.4	78.6

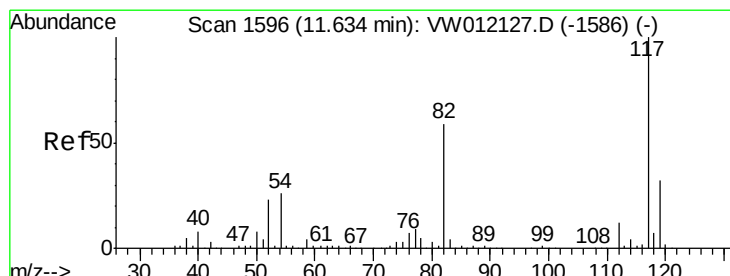
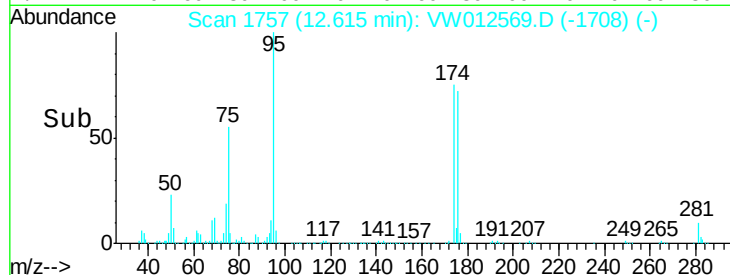
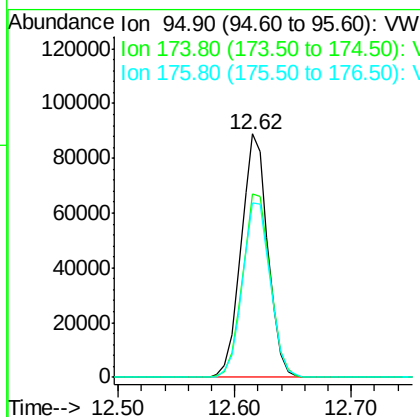
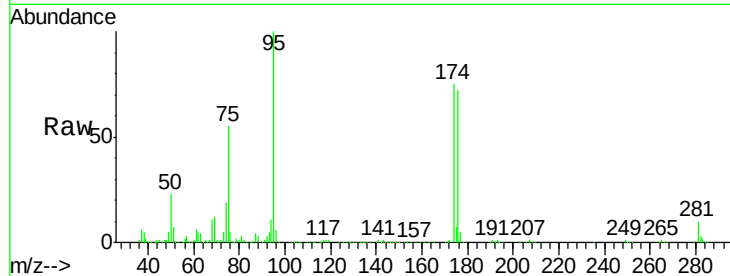




#62
4-Bromofluorobenzene
Concen: 40.236 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012569.D
Acq: 04 Sep 2019 02:15

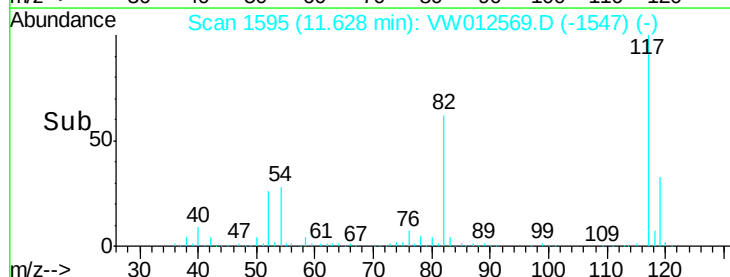
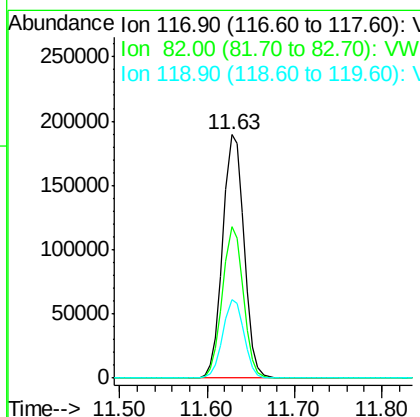
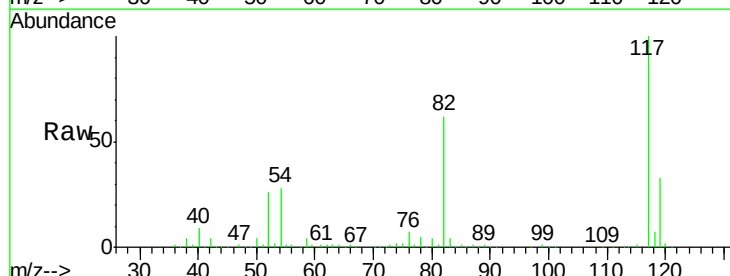
Instrument :
MSVOA_W
ClientSampleId :
T16-17-C4-(2.25)

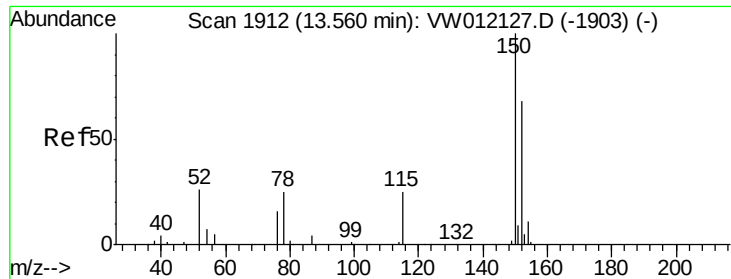
Tot Ion: 95 Resp: 141224
Ion Ratio Lower Upper
95 100
174 78.6 0.0 150.8
176 75.2 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012569.D
Acq: 04 Sep 2019 02:15

Tgt Ion: 117 Resp: 320199
Ion Ratio Lower Upper
117 100
82 62.2 47.4 71.2
119 32.5 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: VW012569.D

Acq: 04 Sep 2019 02:15

Instrument :

MSVOA_W

ClientSampleId :

T16-17-C4-(2.25)

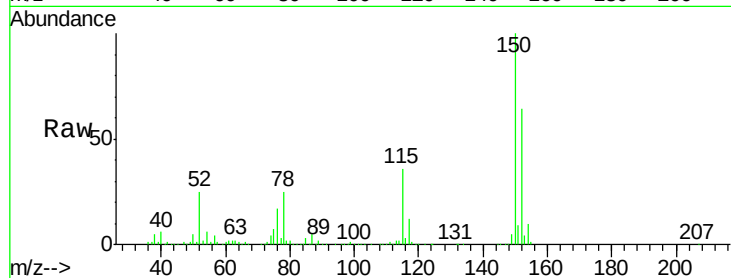
Tot Ion:152 Resp: 108898

Ion Ratio Lower Upper

152 100

115 60.4 30.1 90.3

150 158.7 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

