

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082319\
 Data File : VW012142.D
 Acq On : 23 Aug 2019 19:24
 Operator : SY/VA
 Sample : K4474-04
 Misc : 6.49G/5ML/MSVOA W/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-2-F2-(2.5)

Quant Time: Aug 26 07:57:45 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

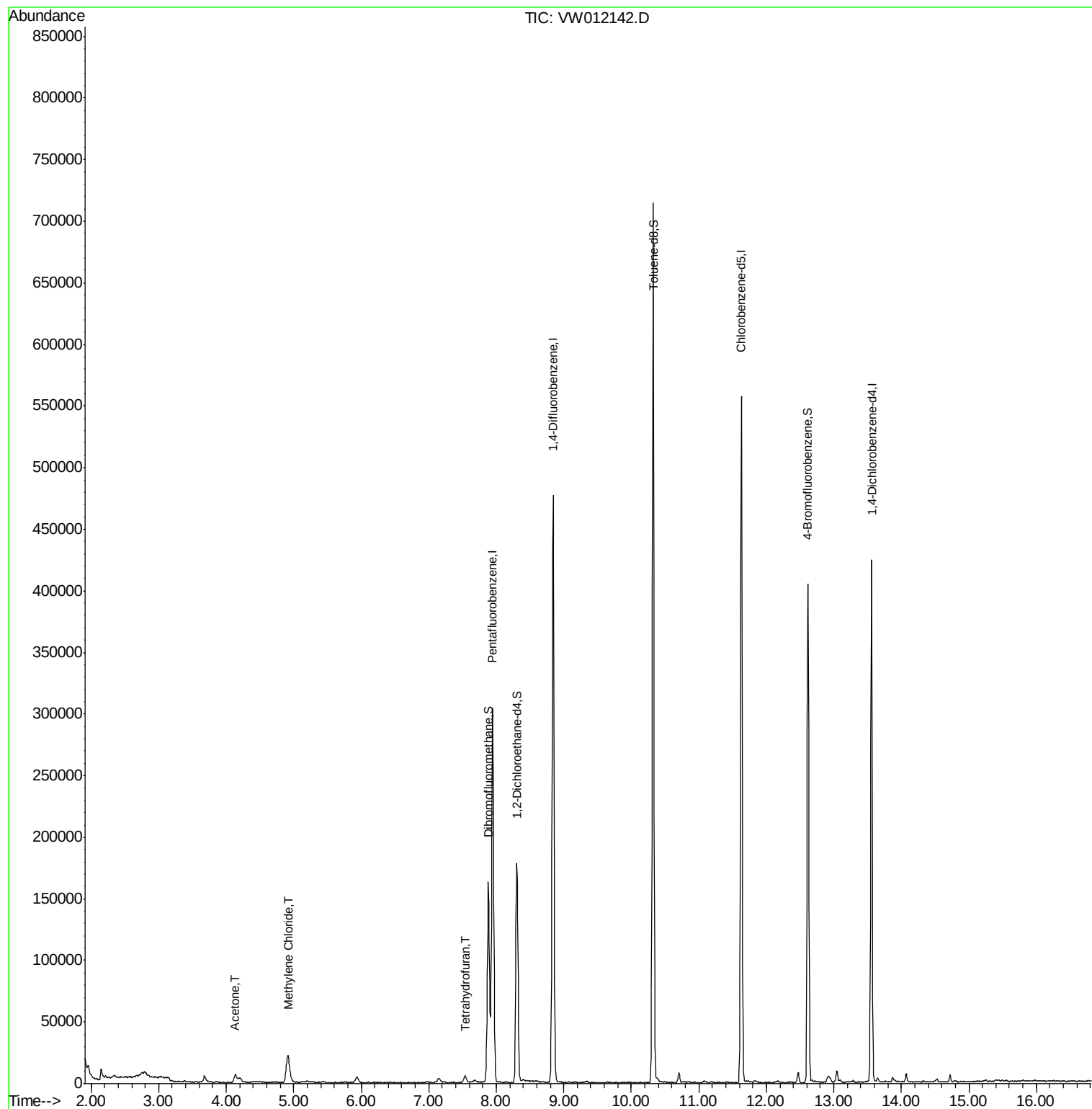
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	220164	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	366090	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	293294	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	103491	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	143495	54.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.66%	
35) Dibromofluoromethane	7.88	113	112114	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.62%	
50) Toluene-d8	10.32	98	445506	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
62) 4-Bromofluorobenzene	12.62	95	130806	41.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.76%	
Target Compounds						
16) Acetone	4.14	43	13425	20.067	ug/l	91
20) Methylene Chloride	4.92	84	17613	6.964	ug/l	92
29) Tetrahydrofuran	7.54	42	5054	9.266	ug/l	97

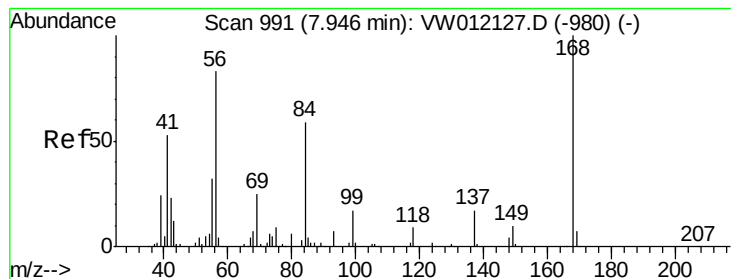
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VW012142.D

Acq: 23 Aug 2019 19:24

Instrument :

MSVOA_W

ClientSampleId :

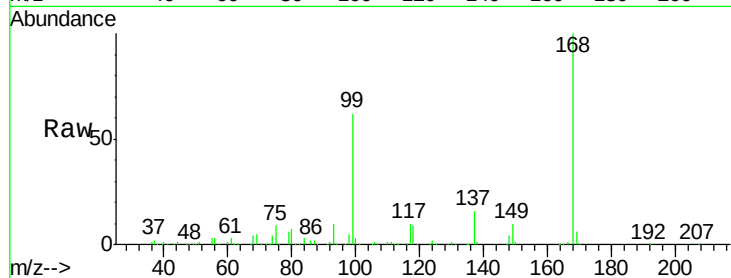
T1-2-F2-(2.5)

Tot Ion:168 Resp: 220164

Ion Ratio Lower Upper

168 100

99 61.9 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

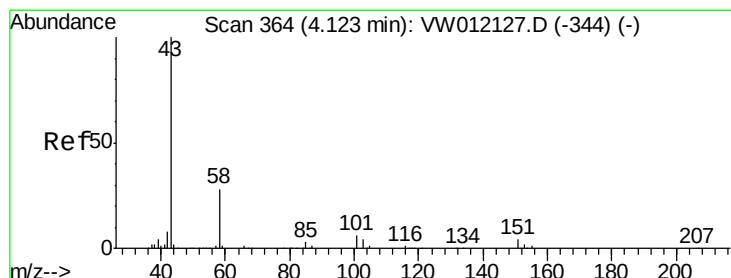
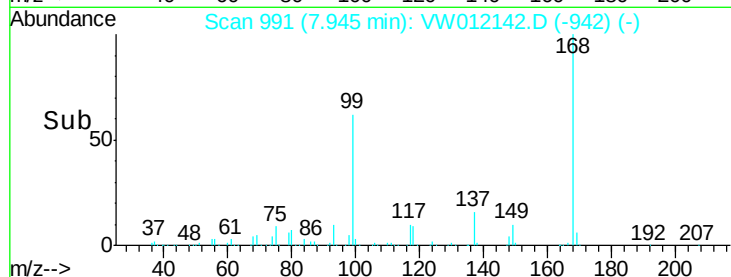
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 20.067 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW012142.D

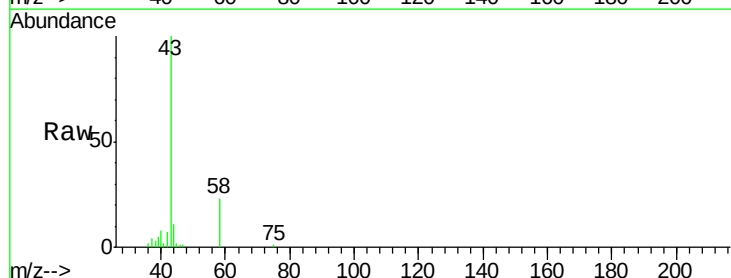
Acq: 23 Aug 2019 19:24

Tgt Ion: 43 Resp: 13425

Ion Ratio Lower Upper

43 100

58 23.2 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

5000

4000

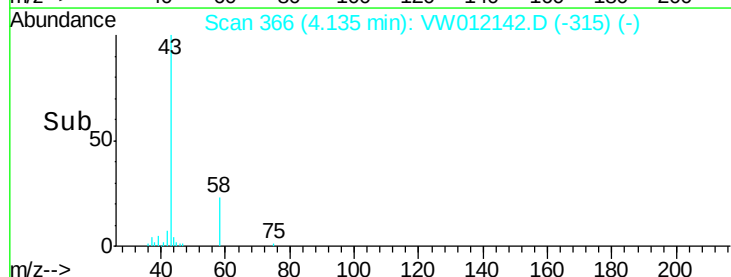
3000

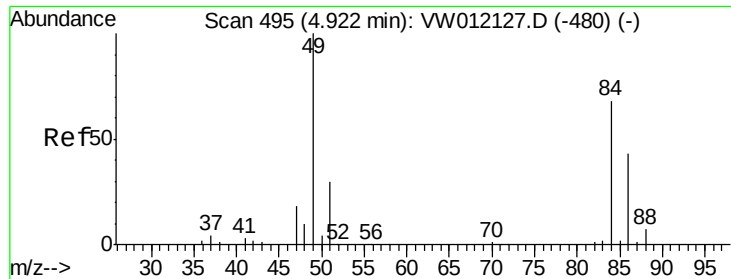
2000

1000

0

Time-->

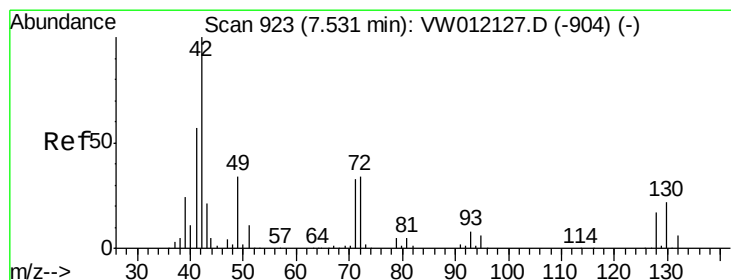
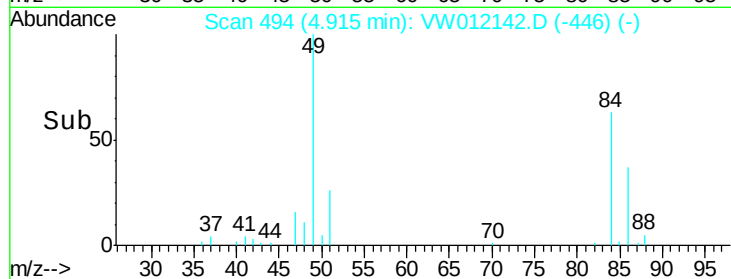
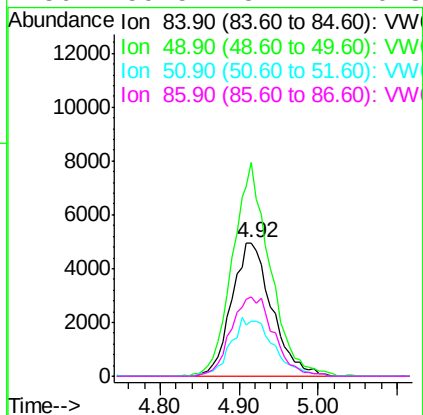
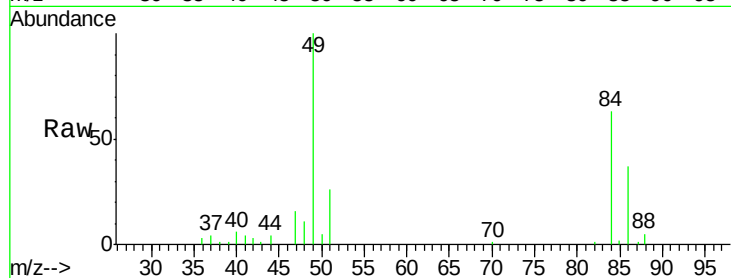




#20
Methvlene Chloride
Concen: 6.964 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012142.D
Acq: 23 Aug 2019 19:24

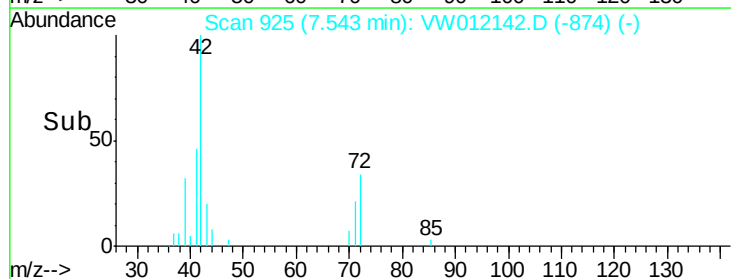
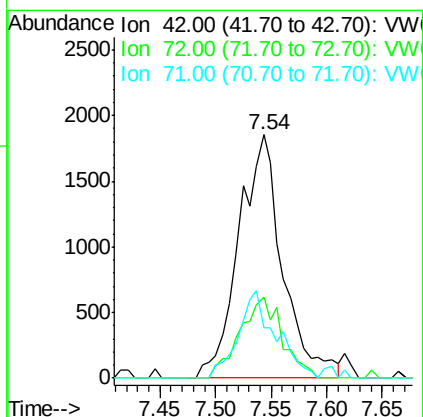
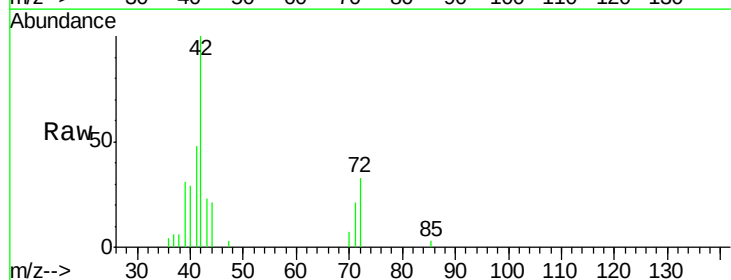
Instrument :
MSVOA_W
ClientSampleId :
T1-2-F2-(2.5)

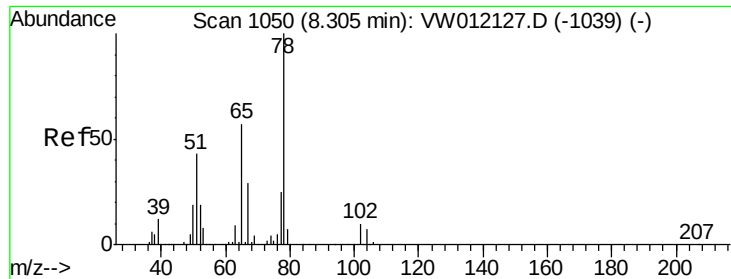
Tot Ion:	84	Resp:	17613
Ion	Ratio	Lower	Upper
84	100		
49	159.7	117.8	176.8
51	41.4	35.6	53.4
86	59.5	51.2	76.8



#29
Tetrahydrofuran
Concen: 9.266 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW012142.D
Acq: 23 Aug 2019 19:24

Tgt Ion:	42	Resp:	5054
Ion	Ratio	Lower	Upper
42	100		
72	32.1	27.3	40.9
71	30.4	25.5	38.3

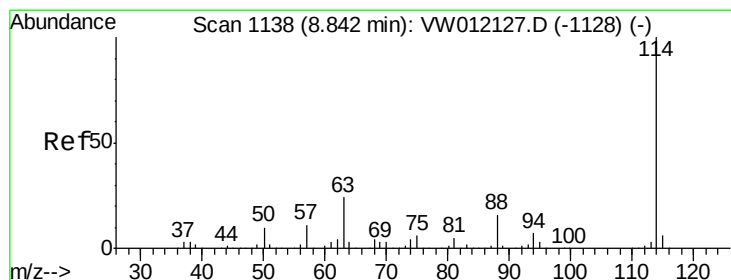
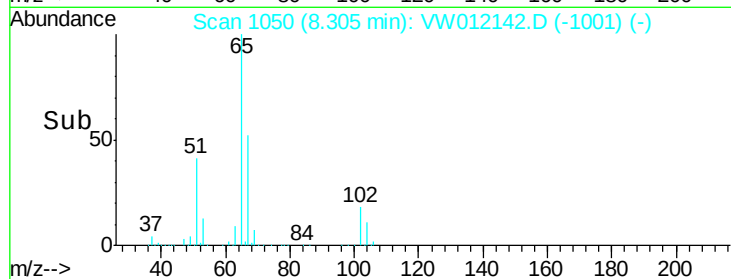
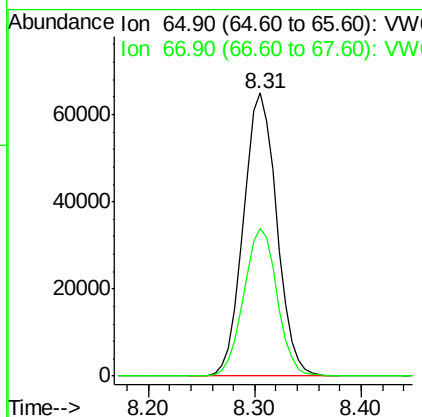
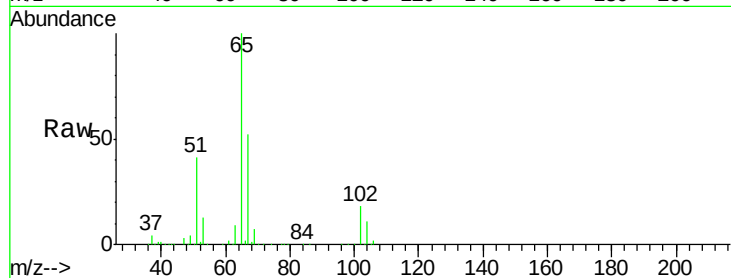




#33
 1,2-Dichloroethane-d4
 Concen: 54.827 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012142.D
 Acq: 23 Aug 2019 19:24

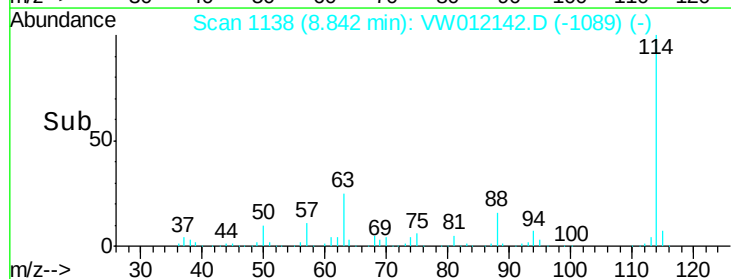
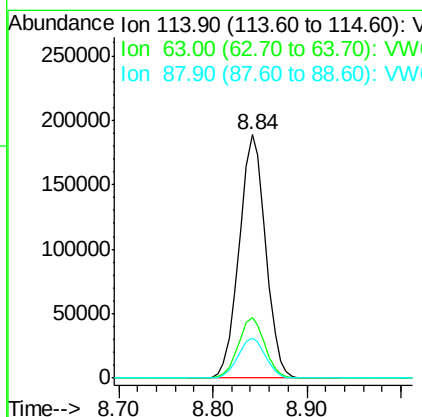
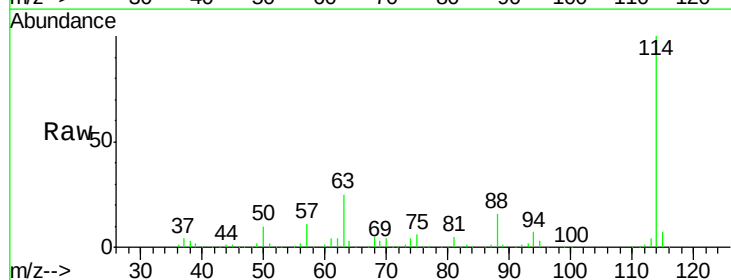
Instrument :
 MSVOA_W
 ClientSampleId :
 T1-2-F2-(2.5)

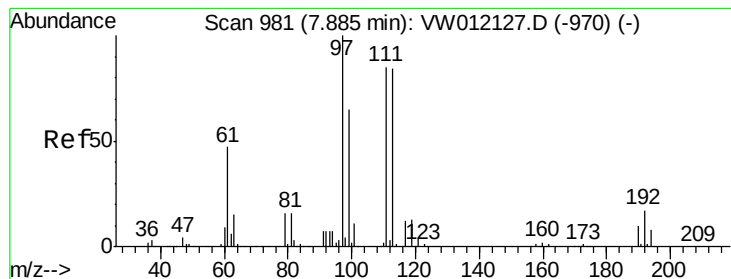
Tot Ion: 65 Resp: 143495
 Ion Ratio Lower Upper
 65 100
 67 52.2 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012142.D
 Acq: 23 Aug 2019 19:24

Tgt Ion: 114 Resp: 366090
 Ion Ratio Lower Upper
 114 100
 63 24.9 0.0 48.6
 88 16.4 0.0 32.2





#35

Dibromofluoromethane

Concen: 51.306 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012142.D

Acq: 23 Aug 2019 19:24

Instrument :

MSVOA_W

ClientSampleId :

T1-2-F2-(2.5)

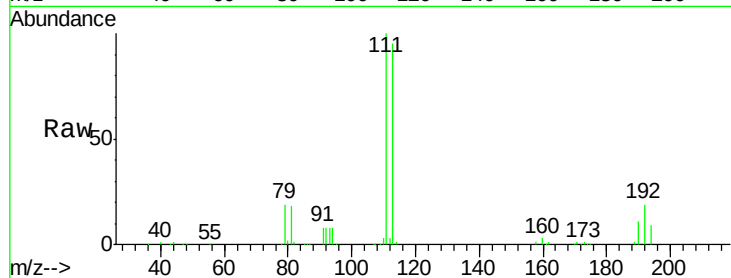
Tot Ion:113 Resp: 112114

Ion Ratio Lower Upper

113 100

111 106.1 82.7 124.1

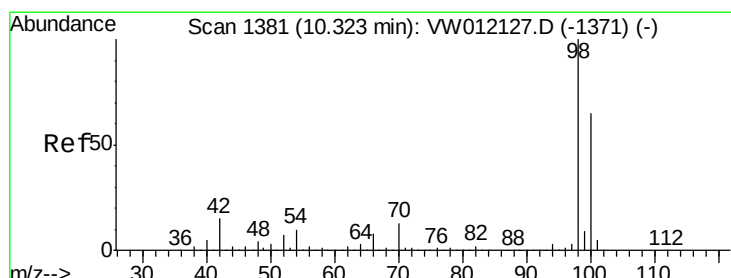
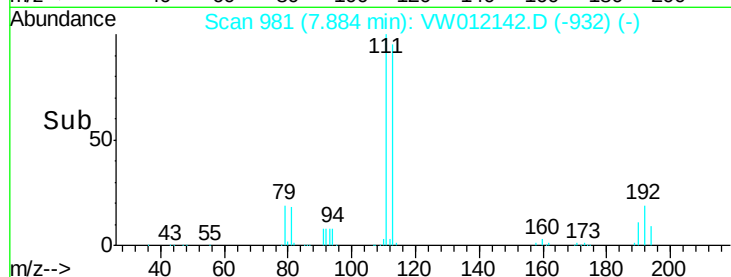
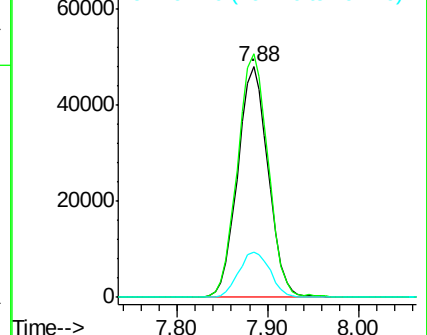
192 20.3 16.2 24.2



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: 50.281 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012142.D

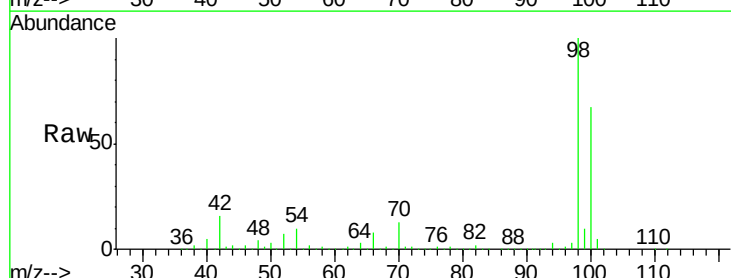
Acq: 23 Aug 2019 19:24

Tgt Ion: 98 Resp: 445506

Ion Ratio Lower Upper

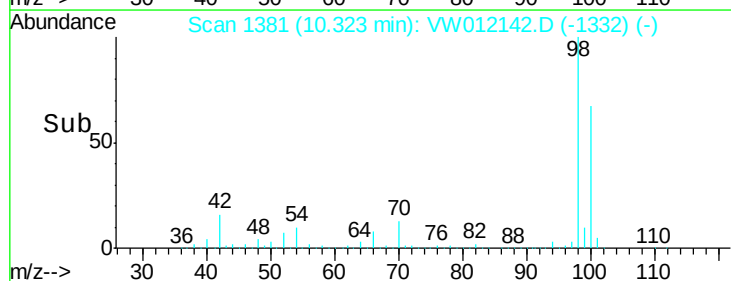
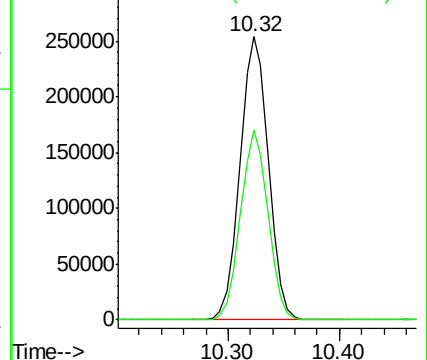
98 100

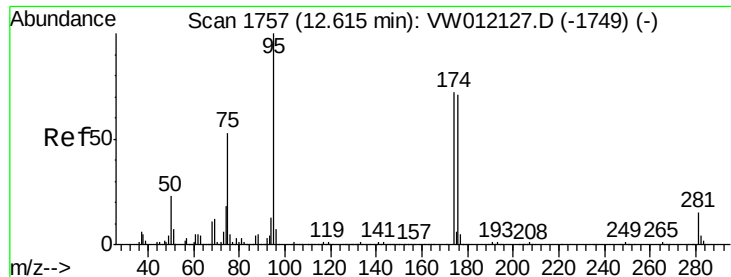
100 65.4 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

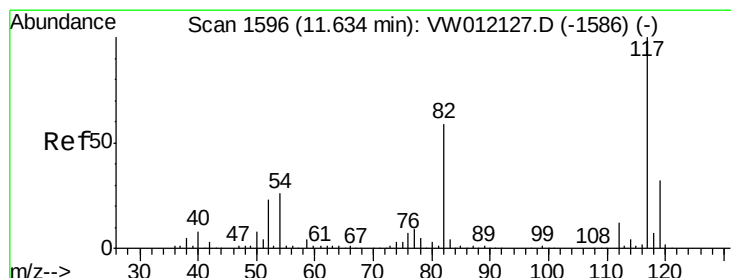
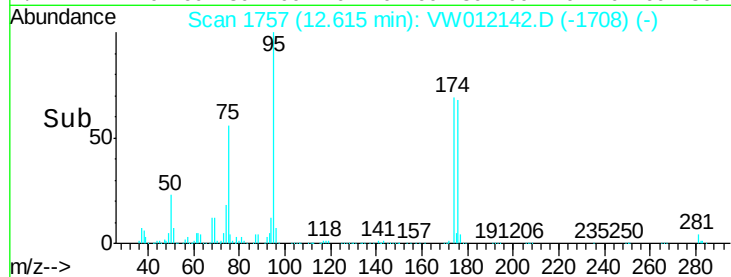
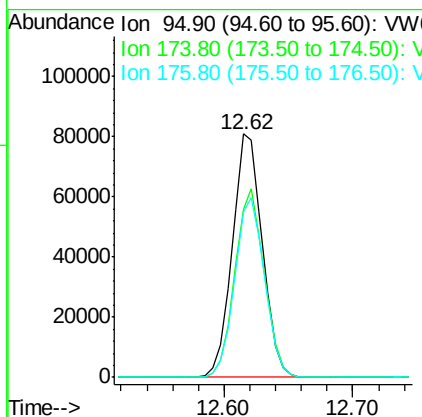
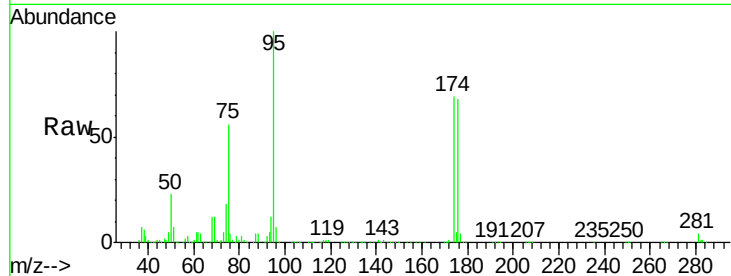




#62
4-Bromofluorobenzene
Concen: 41.881 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW012142.D
Acq: 23 Aug 2019 19:24

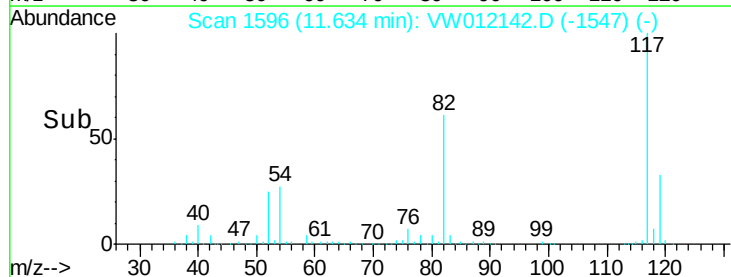
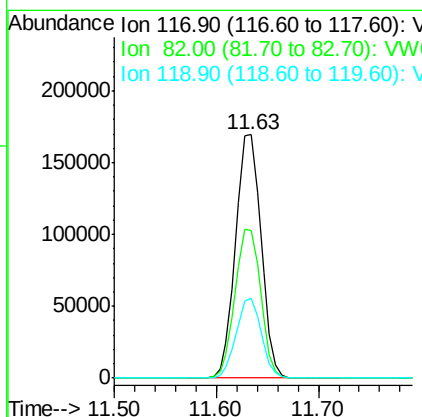
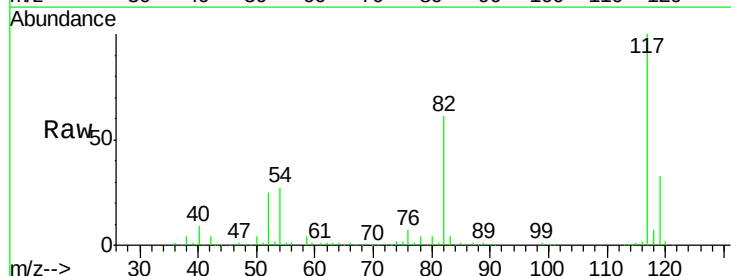
Instrument :
MSVOA_W
ClientSampleId :
T1-2-F2-(2.5)

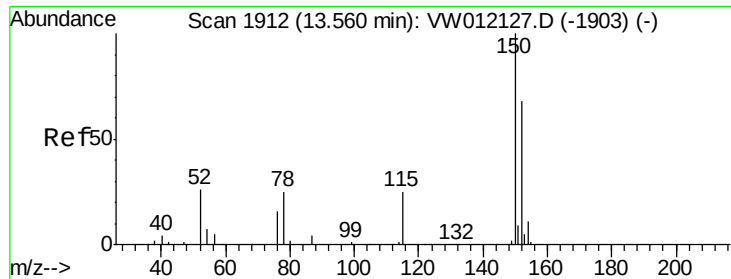
Tot Ion: 95 Resp: 130806
Ion Ratio Lower Upper
95 100
174 76.0 0.0 150.8
176 73.4 0.0 148.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012142.D
Acq: 23 Aug 2019 19:24

Tgt Ion: 117 Resp: 293294
Ion Ratio Lower Upper
117 100
82 60.9 47.4 71.2
119 32.7 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: VW012142.D

Acq: 23 Aug 2019 19:24

Instrument :

MSVOA_W

ClientSampleId :

T1-2-F2-(2.5)

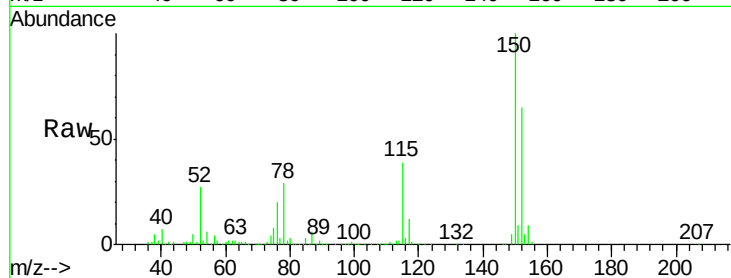
Tot Ion:152 Resp: 103491

Ion Ratio Lower Upper

152 100

115 61.0 30.1 90.3

150 156.9 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

