

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082619\
 Data File : VW012168.D
 Acq On : 26 Aug 2019 13:23
 Operator : SY/VA
 Sample : K4474-02
 Misc : 4.99G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-2-F1-(2.5)

Quant Time: Aug 27 05:24:01 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

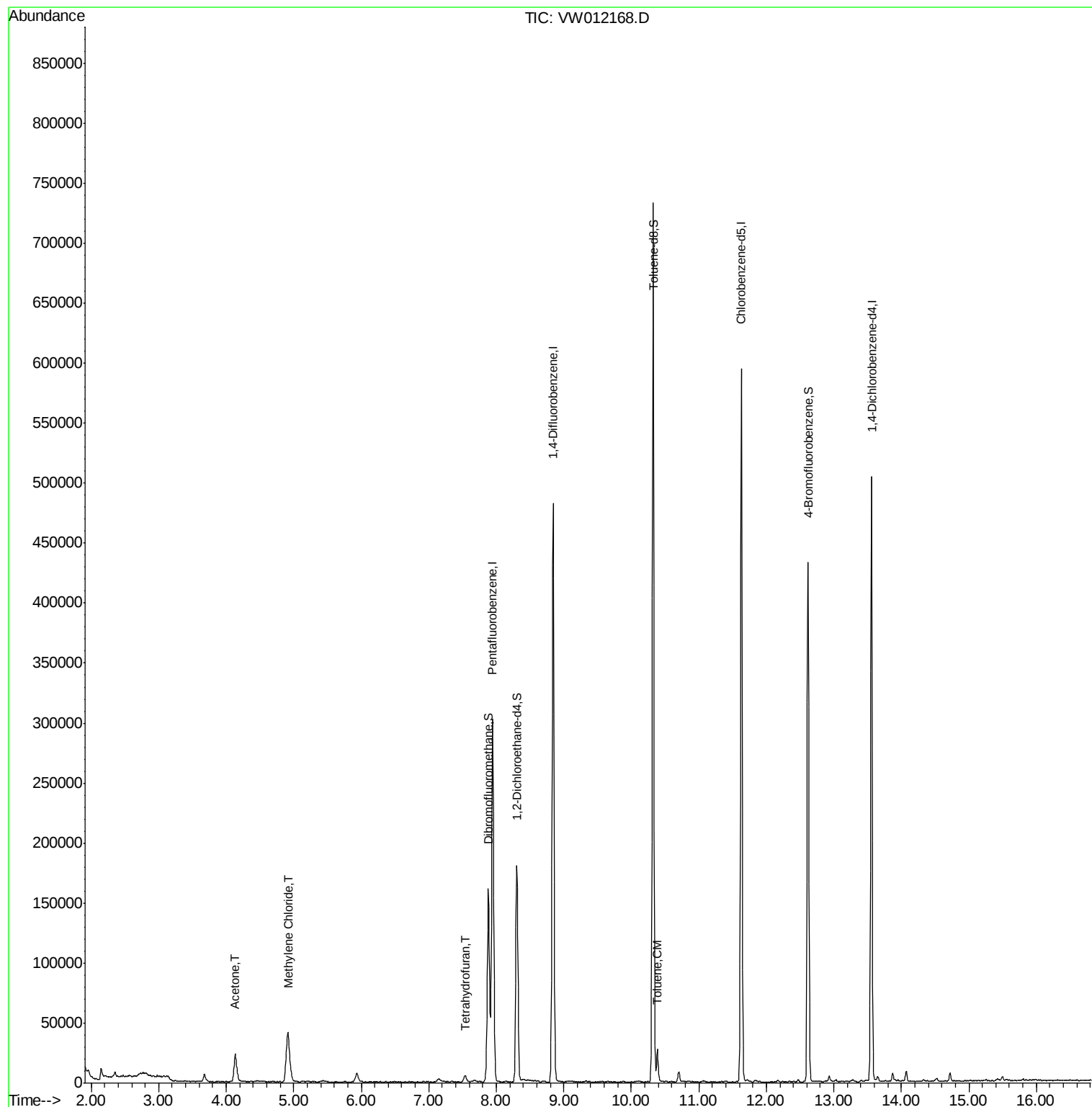
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	218846	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	366104	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	309123	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	126582	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	141939	54.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.12%	
35) Dibromofluoromethane	7.88	113	113929	52.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.26%	
50) Toluene-d8	10.32	98	450712	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
62) 4-Bromofluorobenzene	12.62	95	143869	46.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.12%	
Target Compounds						
16) Acetone	4.14	43	44609	67.080	ug/l	100
20) Methylene Chloride	4.92	84	32378	12.879	ug/l	98
29) Tetrahydrofuran	7.54	42	4958	9.145	ug/l	95
52) Toluene	10.39	92	10427	1.680	ug/l	99

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

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW012168.D

Acq: 26 Aug 2019 13:23

Instrument :

MSVOA_W

ClientSampled :

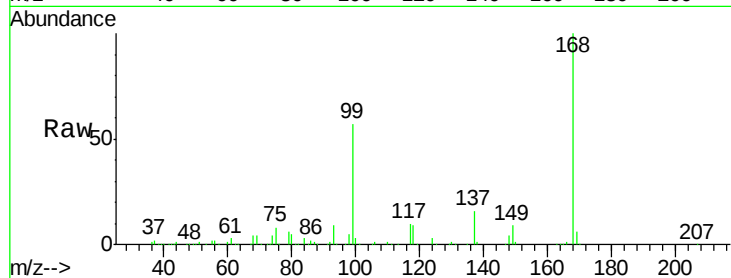
T1-2-F1-(2.5)

Tot Ion:168 Resp: 218846

Ion Ratio Lower Upper

168 100

99 57.2 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

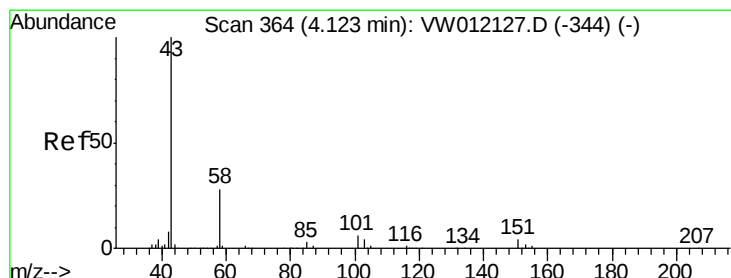
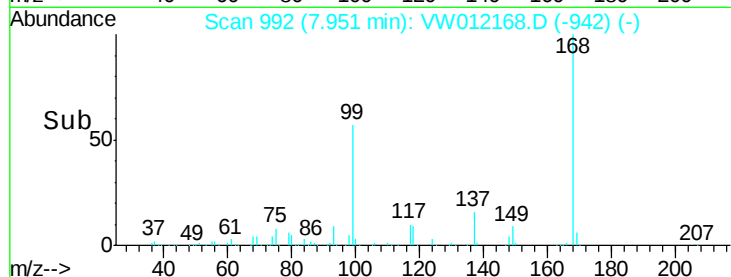
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 67.080 ug/l

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

Lab File: VW012168.D

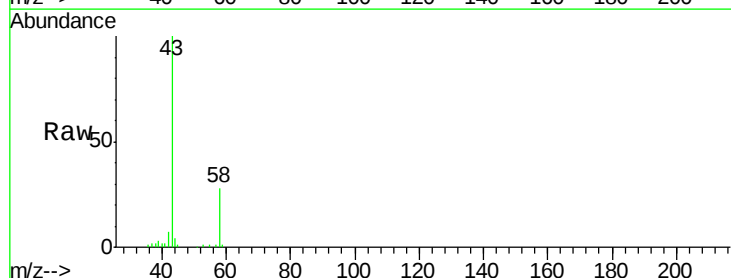
Acq: 26 Aug 2019 13:23

Tgt Ion: 43 Resp: 44609

Ion Ratio Lower Upper

43 100

58 27.9 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

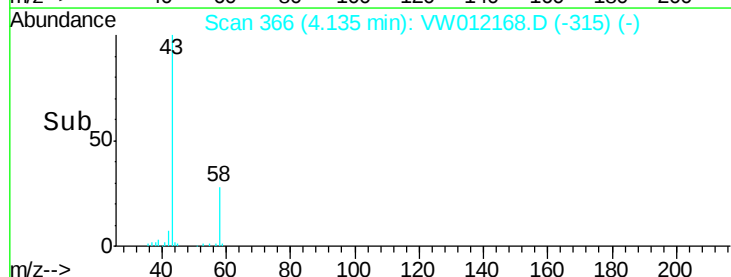
15000

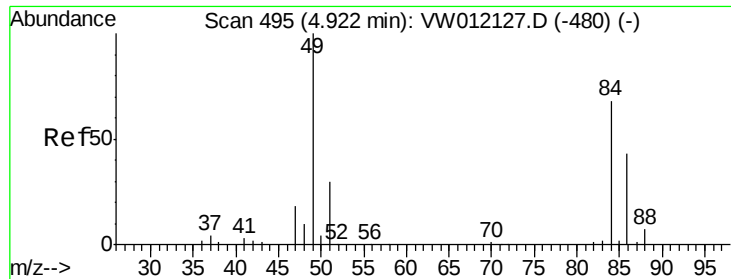
10000

5000

0

Time-->

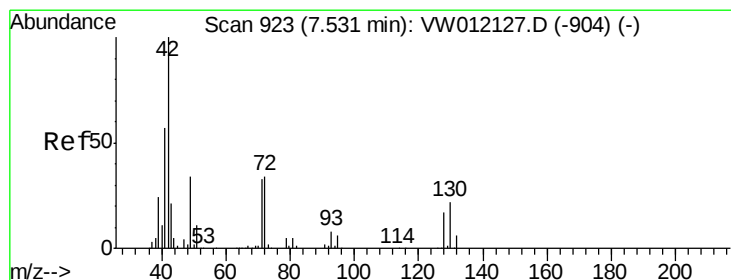
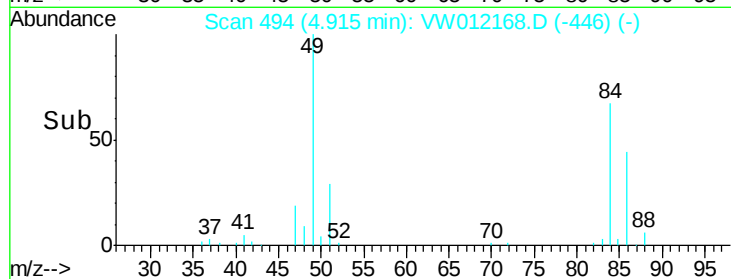
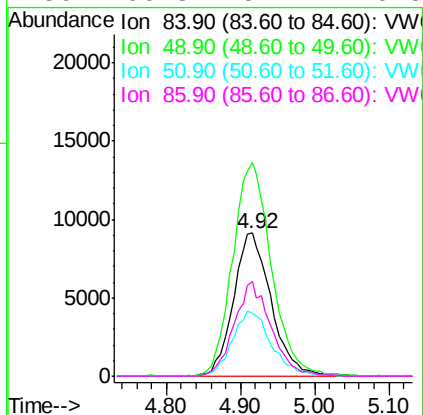
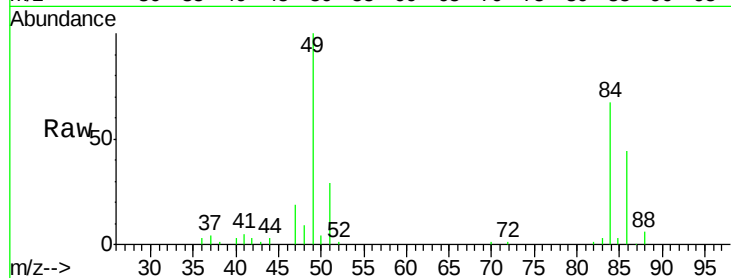




#20
Methvlene Chloride
Concen: 12.879 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012168.D
Acq: 26 Aug 2019 13:23

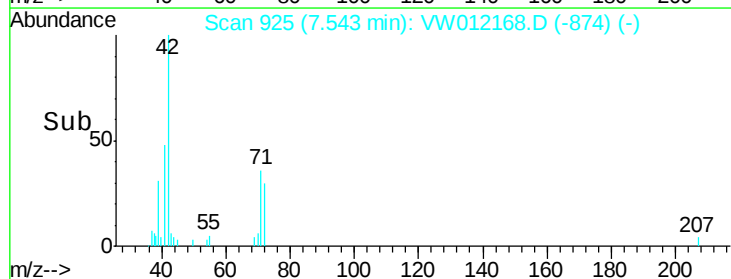
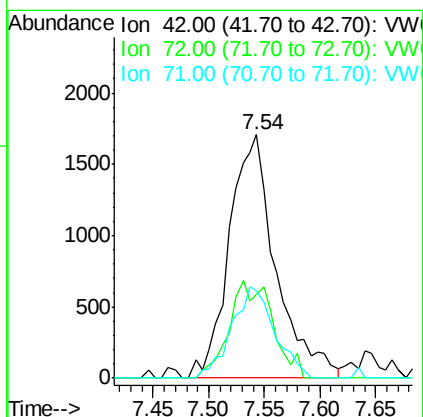
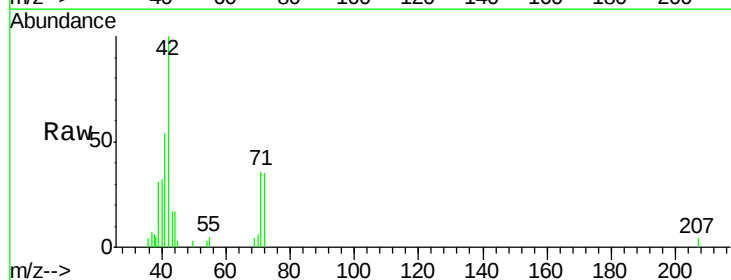
Instrument :
MSVOA_W
ClientSampleId :
T1-2-F1-(2.5)

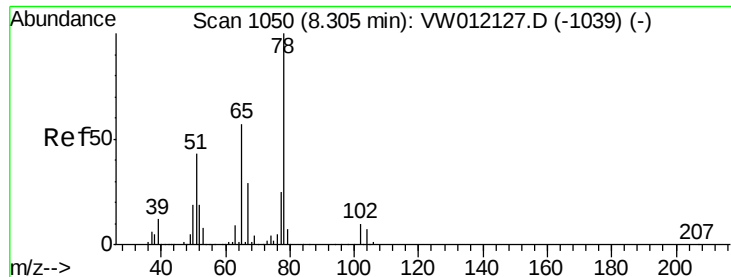
Tot Ion:	84	Resp:	32378
Ion	Ratio	Lower	Upper
84	100		
49	149.0	117.8	176.8
51	43.5	35.6	53.4
86	66.3	51.2	76.8



#29
Tetrahydrofuran
Concen: 9.145 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW012168.D
Acq: 26 Aug 2019 13:23

Tgt Ion:	42	Resp:	4958
Ion	Ratio	Lower	Upper
42	100		
72	37.2	27.3	40.9
71	34.5	25.5	38.3

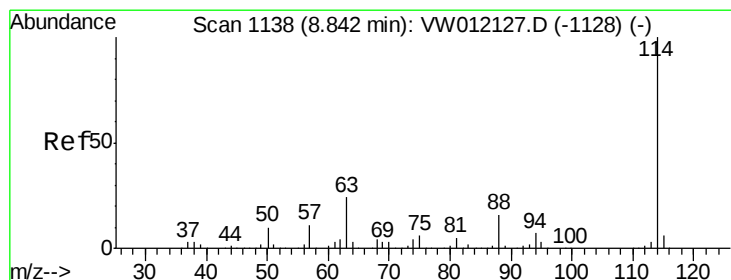
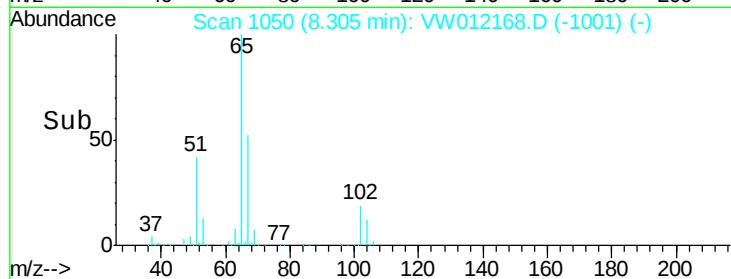
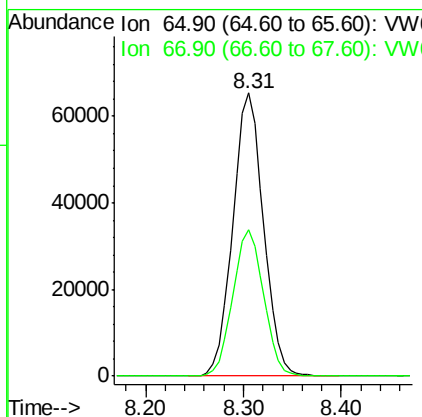
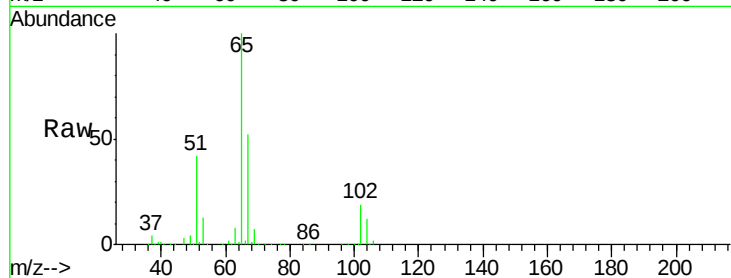




#33
 1,2-Dichloroethane-d4
 Concen: 54.560 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012168.D
 Acq: 26 Aug 2019 13:23

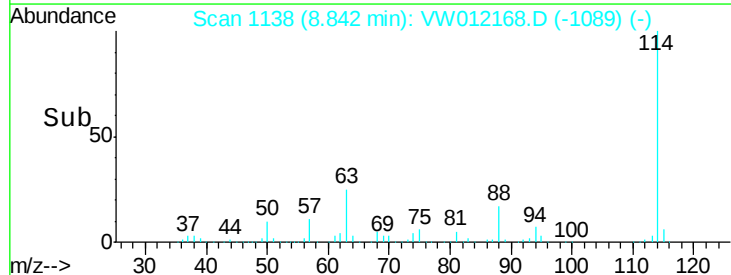
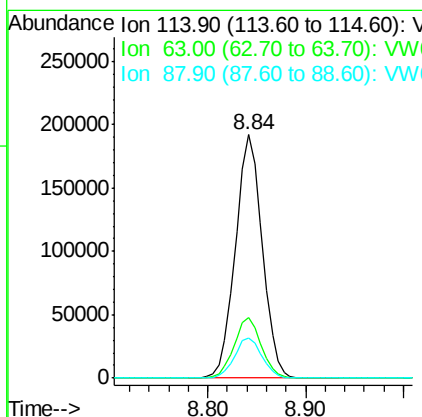
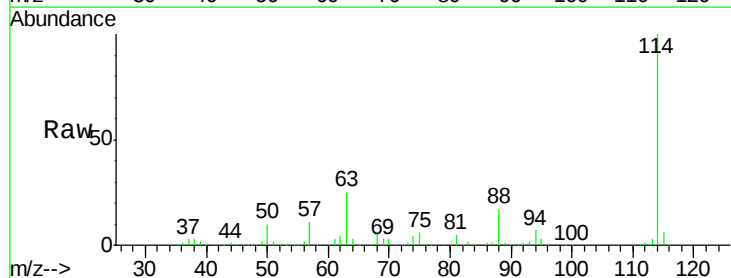
Instrument :
 MSVOA_W
 ClientSampleId :
 T1-2-F1-(2.5)

Tot Ion: 65 Resp: 141939
 Ion Ratio Lower Upper
 65 100
 67 52.0 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: VW012168.D
 Acq: 26 Aug 2019 13:23

Tgt Ion: 114 Resp: 366104
 Ion Ratio Lower Upper
 114 100
 63 25.1 0.0 48.6
 88 16.7 0.0 32.2





#35

Dibromofluoromethane

Concen: 52.135 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012168.D

Acq: 26 Aug 2019 13:23

Instrument :

MSVOA_W

ClientSampleId :

T1-2-F1-(2.5)

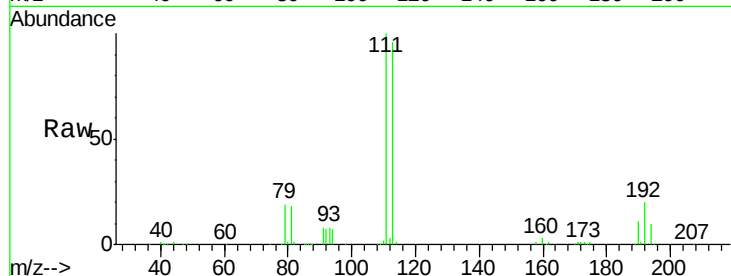
Tot Ion:113 Resp: 113929

Ion Ratio Lower Upper

113 100

111 103.5 82.7 124.1

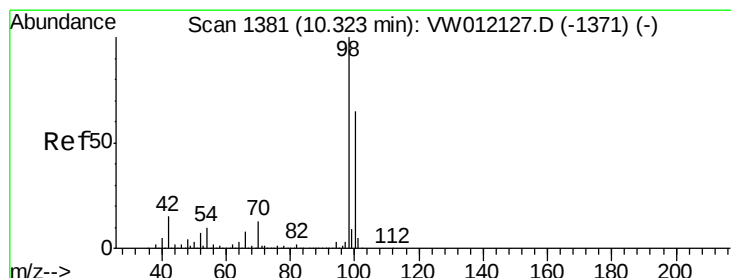
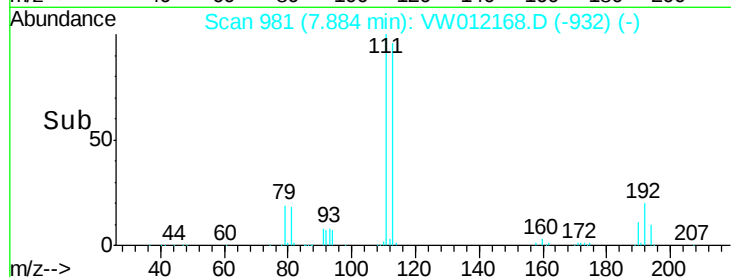
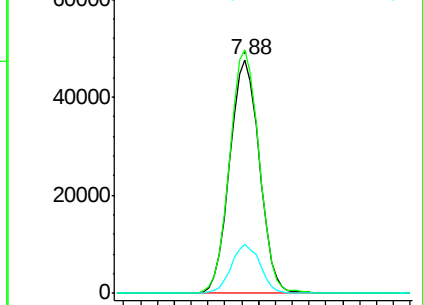
192 20.5 16.2 24.2



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: 50.866 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012168.D

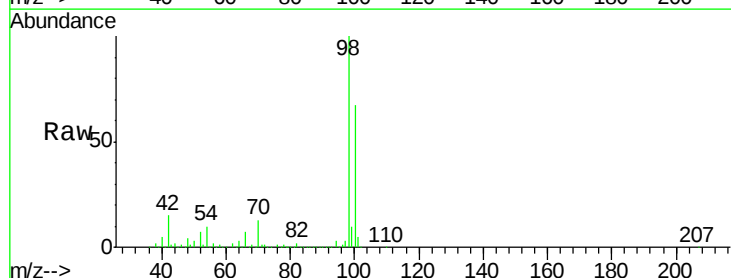
Acq: 26 Aug 2019 13:23

Tgt Ion: 98 Resp: 450712

Ion Ratio Lower Upper

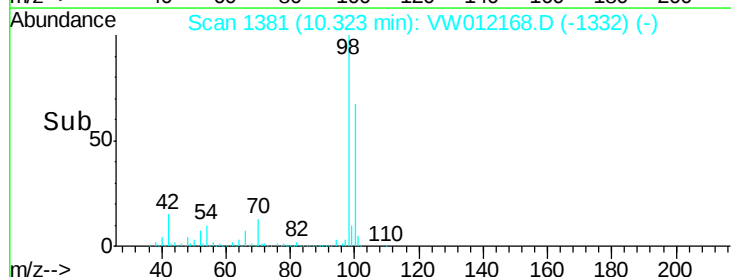
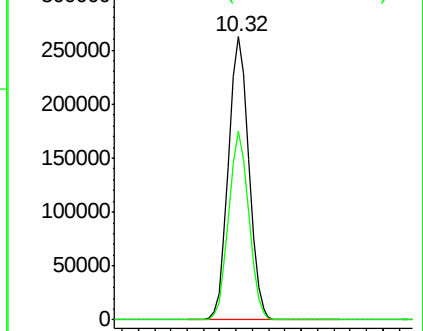
98 100

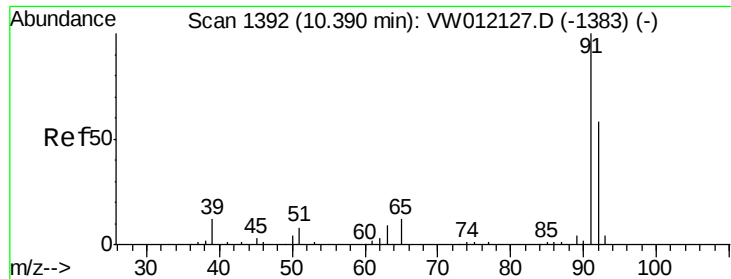
100 65.5 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 1.680 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW012168.D

Acq: 26 Aug 2019 13:23

Instrument :

MSVOA_W

ClientSampleId :

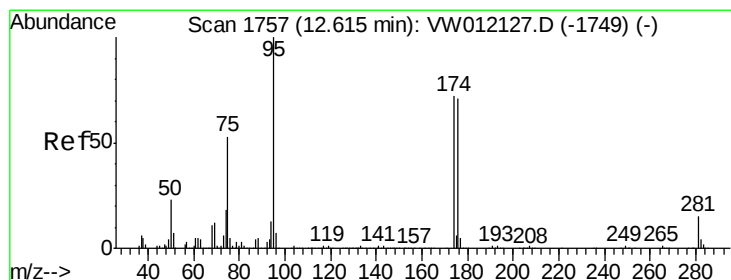
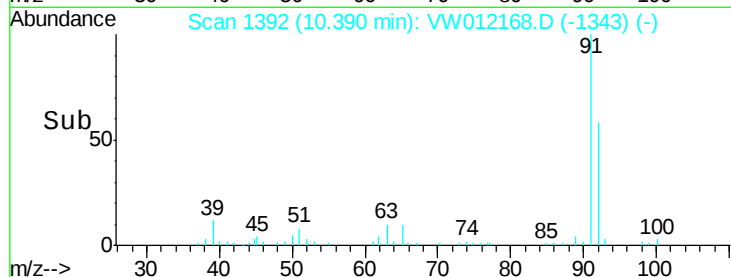
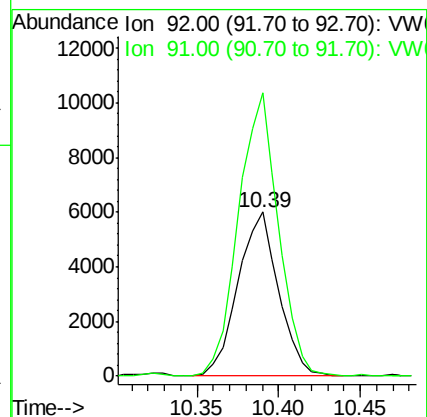
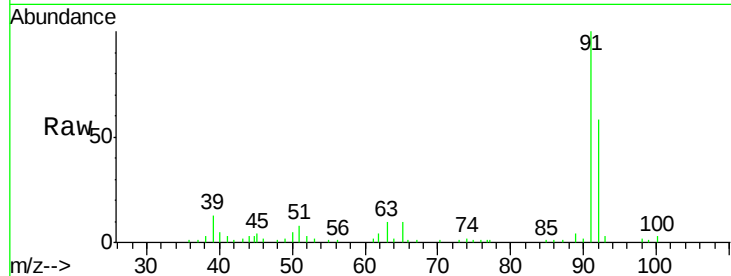
T1-2-F1-(2.5)

Tot Ion: 92 Resp: 10427

Ion Ratio Lower Upper

92 100

91 169.4 136.6 204.8



#62

4-Bromofluorobenzene

Concen: 46.062 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012168.D

Acq: 26 Aug 2019 13:23

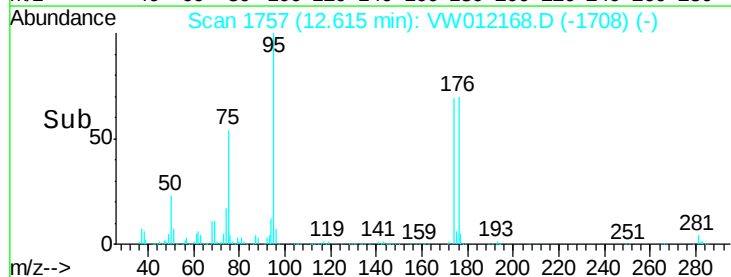
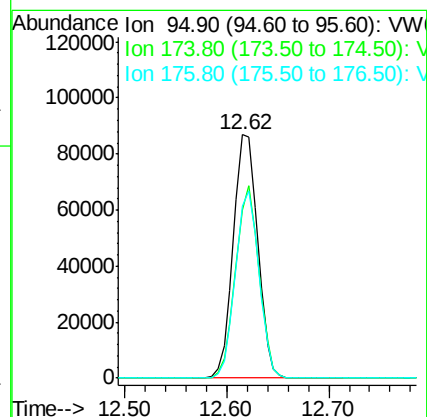
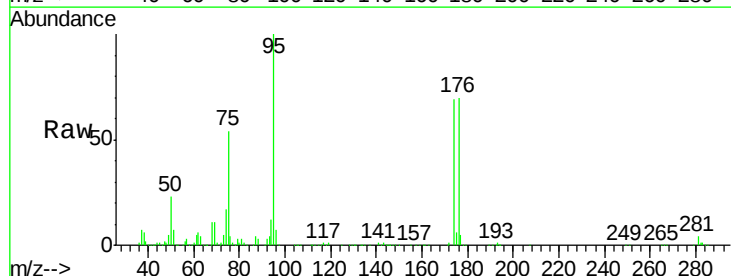
Tgt Ion: 95 Resp: 143869

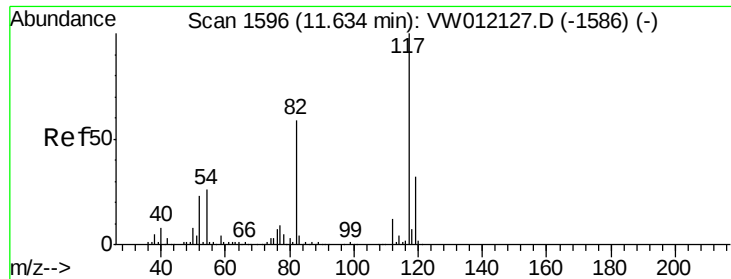
Ion Ratio Lower Upper

95 100

174 75.4 0.0 150.8

176 74.0 0.0 148.6

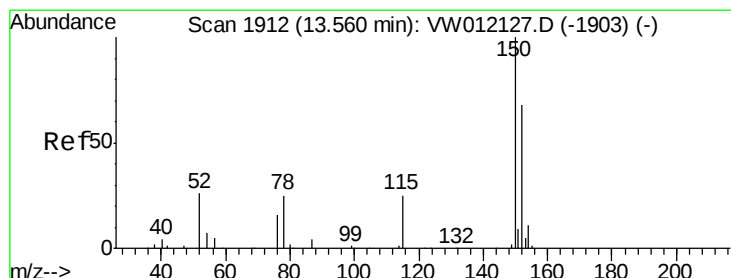
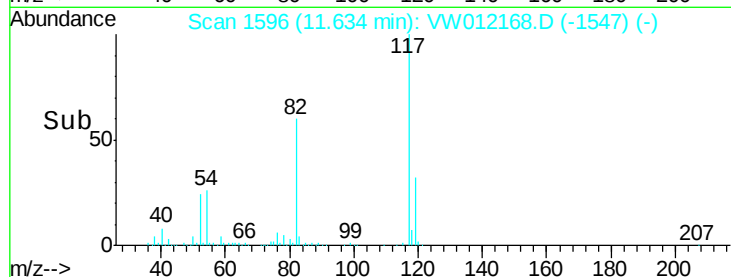
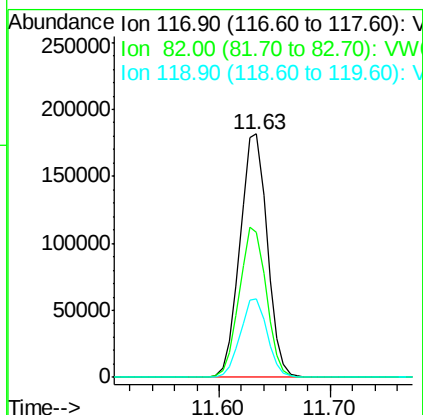
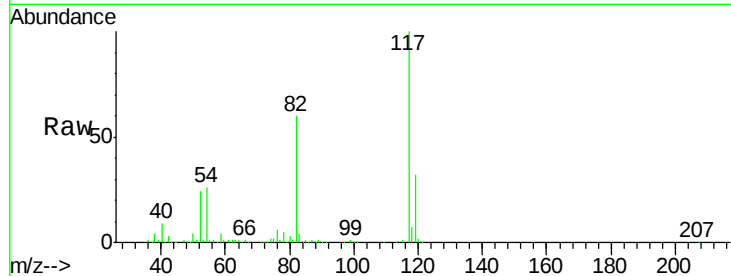




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012168.D
Acq: 26 Aug 2019 13:23

Instrument :
MSVOA_W
ClientSampleId :
T1-2-F1-(2.5)

Tot Ion:117 Resp: 309123
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.2
119 32.4 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: VW012168.D
Acq: 26 Aug 2019 13:23

Tgt Ion:152 Resp: 126582
Ion Ratio Lower Upper
152 100
115 59.8 30.1 90.3
150 157.5 0.0 345.8

