

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082619\
 Data File : VW012163.D
 Acq On : 26 Aug 2019 11:13
 Operator : SY/VA
 Sample : K4496-01
 Misc : 5.72G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S600-M-1.0-1.5-082219

Quant Time: Aug 26 16:36:56 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

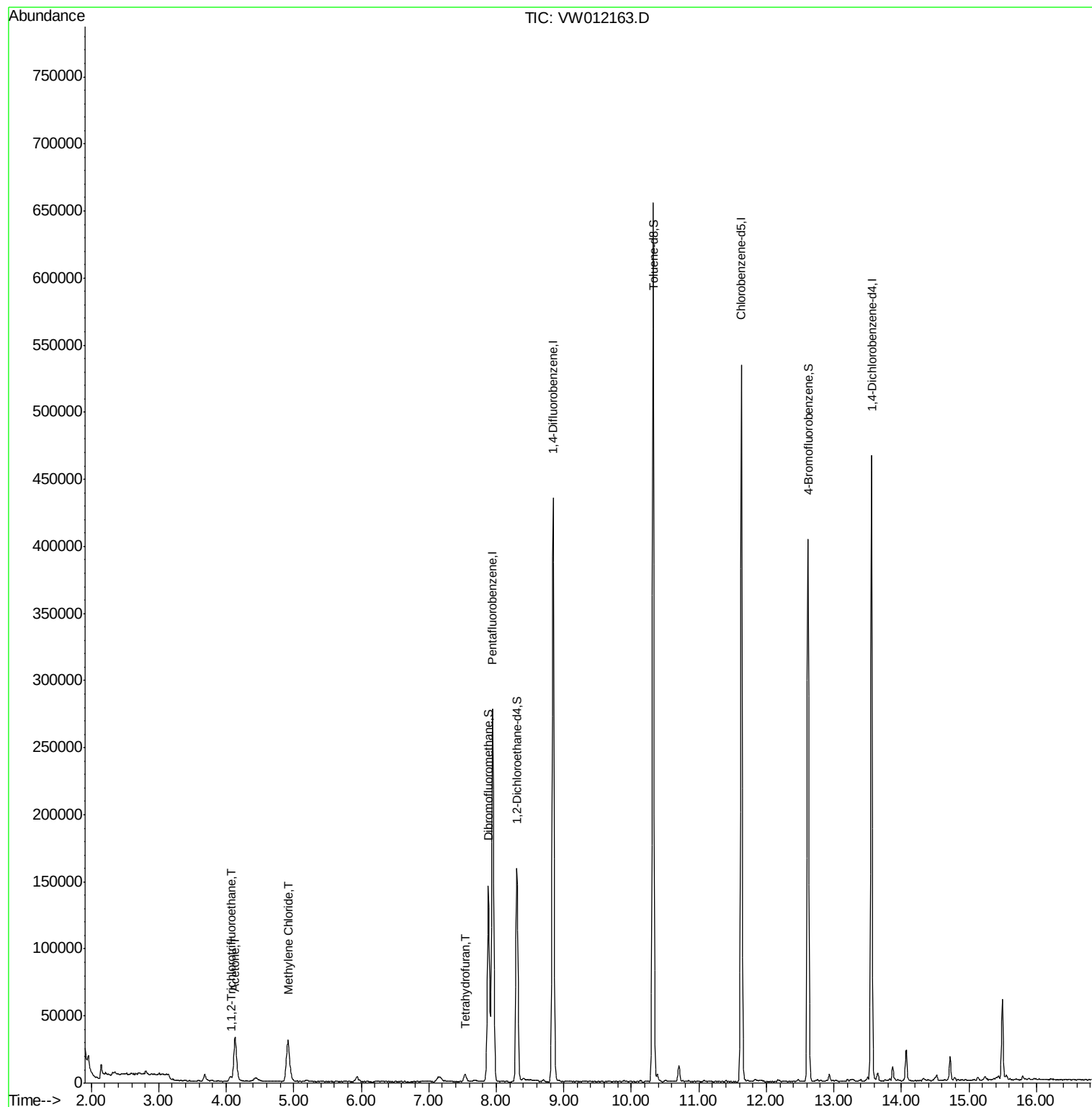
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	200798	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	337034	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	280941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	117124	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	125693	52.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.32%	
35) Dibromofluoromethane	7.88	113	102355	50.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.76%	
50) Toluene-d8	10.32	98	409970	50.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.52%	
62) 4-Bromofluorobenzene	12.62	95	131050	45.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.16%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	4.07	101	2827	1.413	ug/l	98
16) Acetone	4.14	43	66580	109.118	ug/l	99
20) Methylene Chloride	4.92	84	22942	9.946	ug/l	98
29) Tetrahydrofuran	7.54	42	5243	10.540	ug/l	99

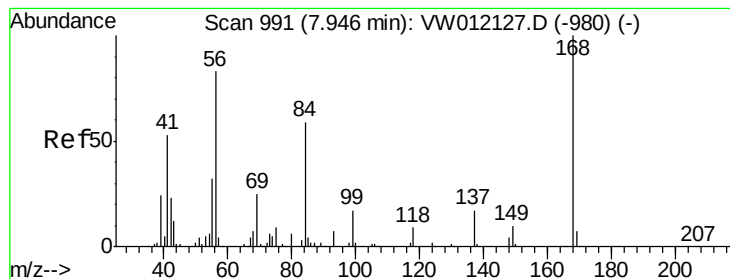
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.01 min

Lab File: VW012163.D

Acq: 26 Aug 2019 11:13

Instrument :

MSVOA_W

ClientSampleId :

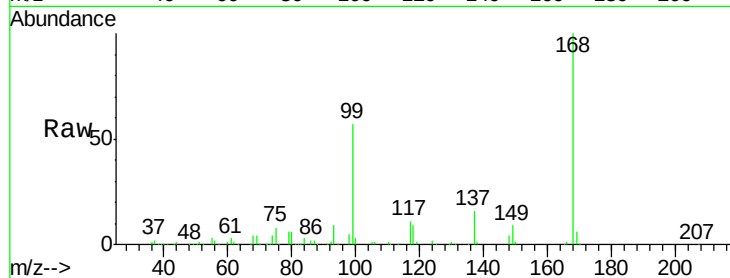
S600-M-1.0-1.5-082219

Tot Ion:168 Resp: 200798

Ion Ratio Lower Upper

168 100

99 56.8 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

100000

80000

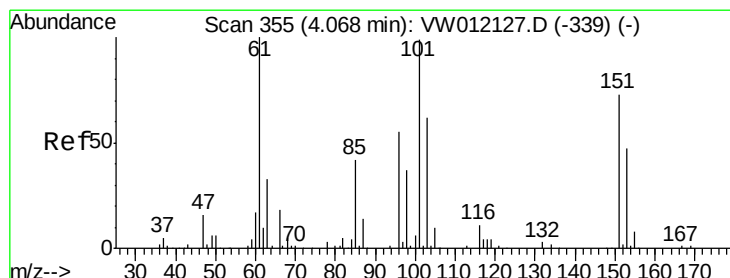
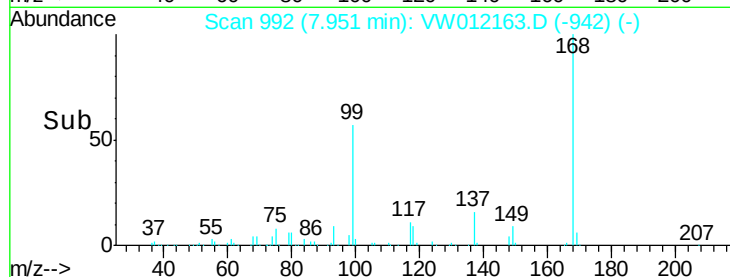
60000

40000

20000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.413 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW012163.D

Acq: 26 Aug 2019 11:13

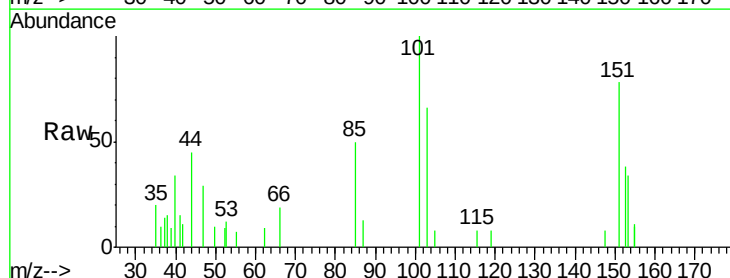
Tgt Ion:101 Resp: 2827

Ion Ratio Lower Upper

101 100

85 42.2 35.8 53.6

151 72.7 58.6 87.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VW

Ion 150.80 (150.50 to 151.50): V

4.07

1000

800

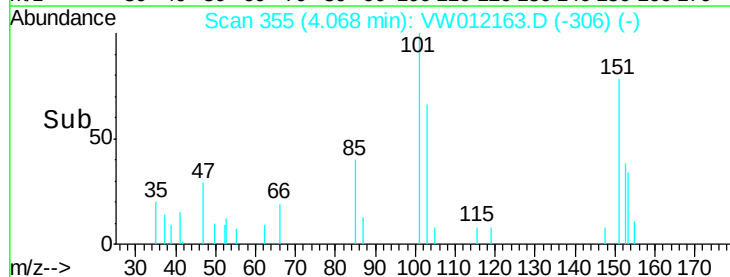
600

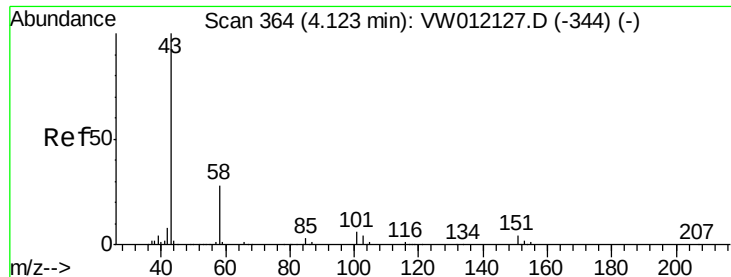
400

200

0

Time-->

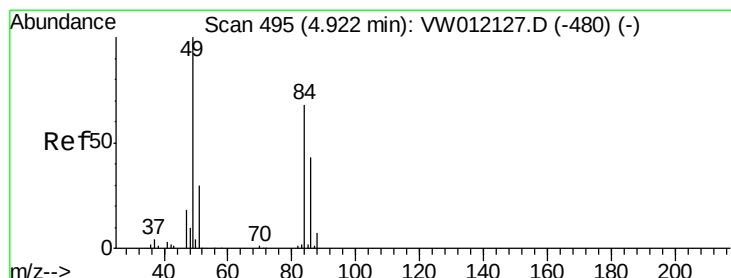
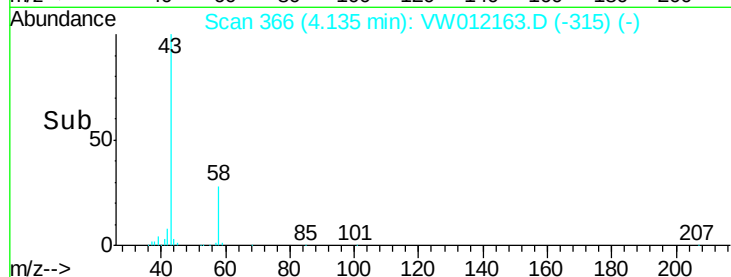
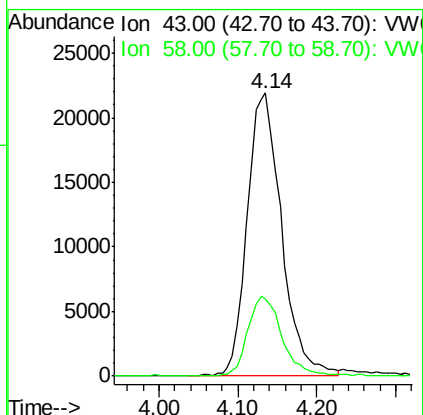
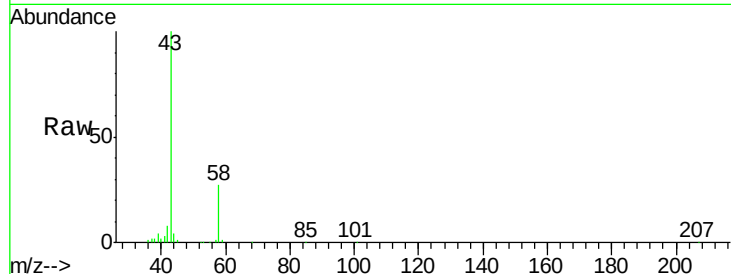




#16
Acetone
Concen: 109.118 ug/l
RT: 4.14 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW012163.D
Acq: 26 Aug 2019 11:13

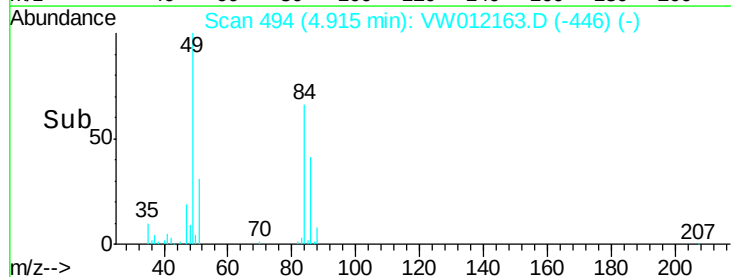
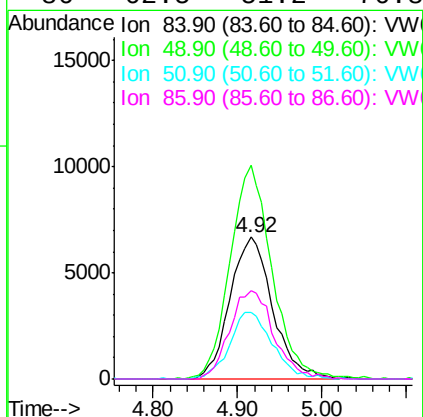
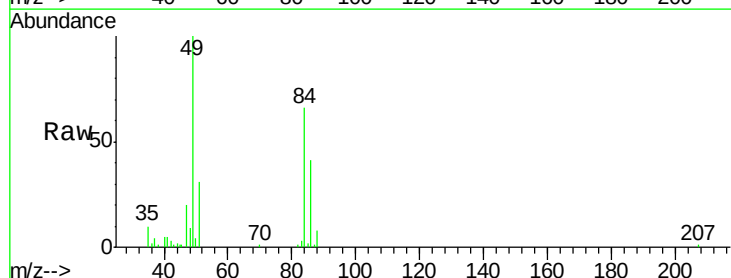
Instrument :
MSVOA_W
ClientSampleId :
S600-M-1.0-1.5-082219

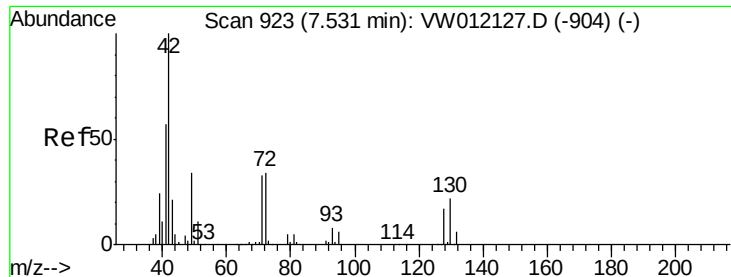
Tot Ion: 43 Resp: 66580
Ion Ratio Lower Upper
43 100
58 27.5 22.4 33.6



#20
Methylene Chloride
Concen: 9.946 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW012163.D
Acq: 26 Aug 2019 11:13

Tgt Ion: 84 Resp: 22942
Ion Ratio Lower Upper
84 100
49 149.5 117.8 176.8
51 47.2 35.6 53.4
86 62.5 51.2 76.8

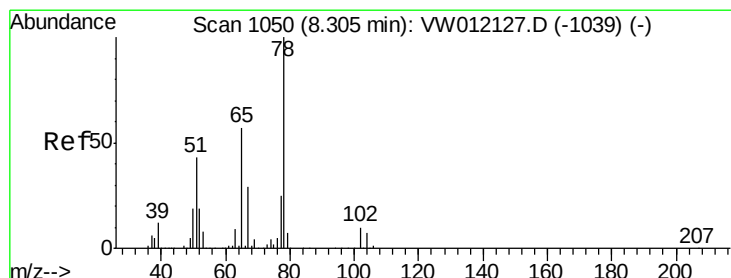
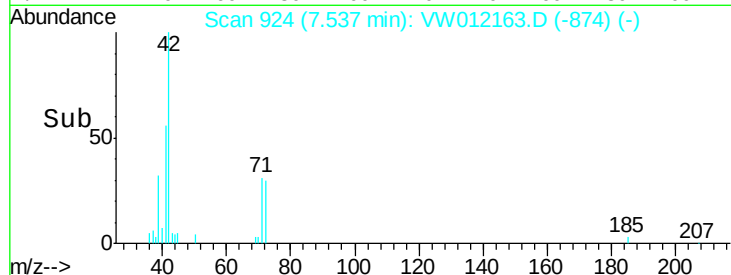
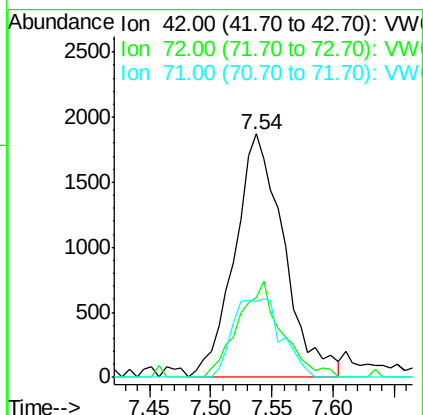
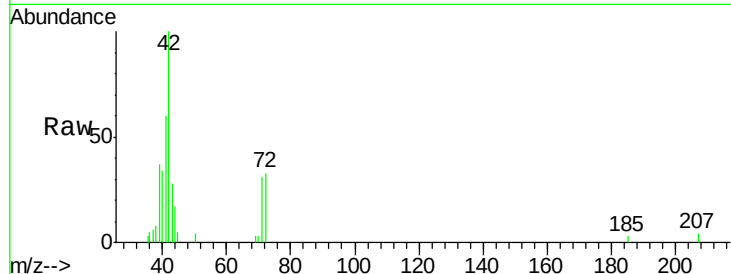




#29
Tetrahydrofuran
Concen: 10.540 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW012163.D
Acq: 26 Aug 2019 11:13

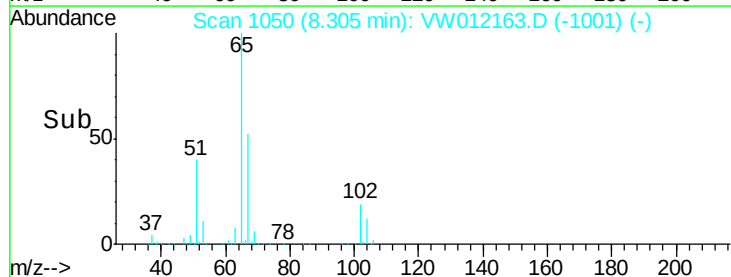
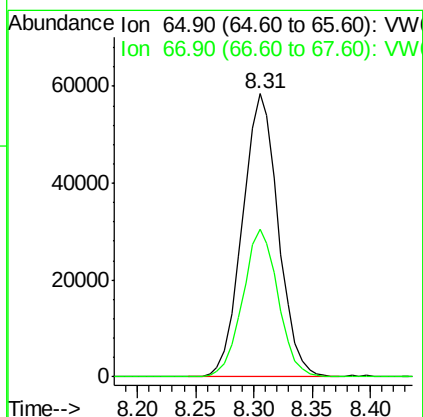
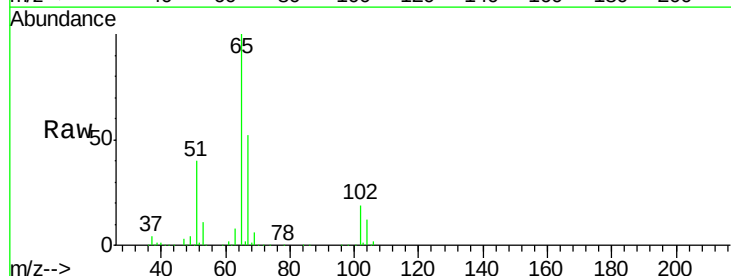
Instrument :
MSVOA_W
ClientSampleId :
S600-M-1.0-1.5-082219

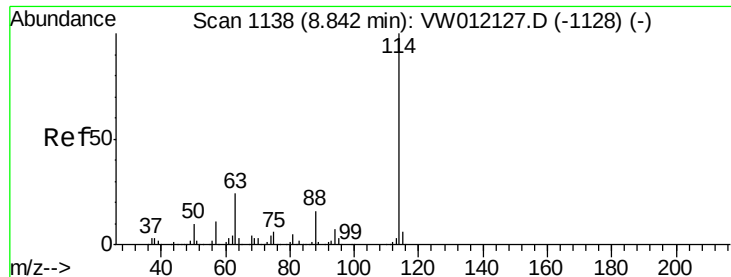
Tot Ion: 42 Resp: 5243
Ion Ratio Lower Upper
42 100
72 35.2 27.3 40.9
71 32.1 25.5 38.3



#33
1,2-Dichloroethane-d4
Concen: 52.657 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW012163.D
Acq: 26 Aug 2019 11:13

Tgt Ion: 65 Resp: 125693
Ion Ratio Lower Upper
65 100
67 51.5 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: VW012163.D

Acq: 26 Aug 2019 11:13

Instrument :

MSVOA_W

ClientSampleId :

S600-M-1.0-1.5-082219

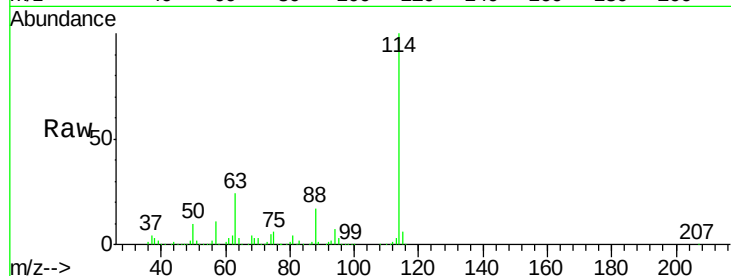
Tot Ion:114 Resp: 337034

Ion Ratio Lower Upper

114 100

63 24.4 0.0 48.6

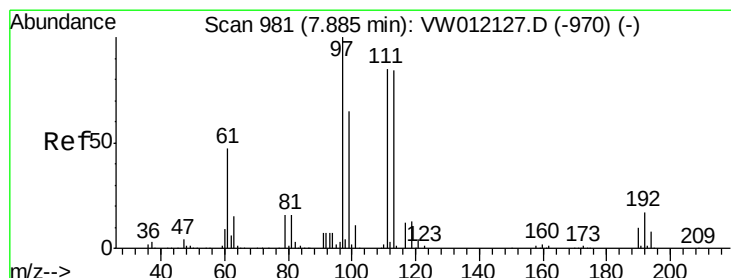
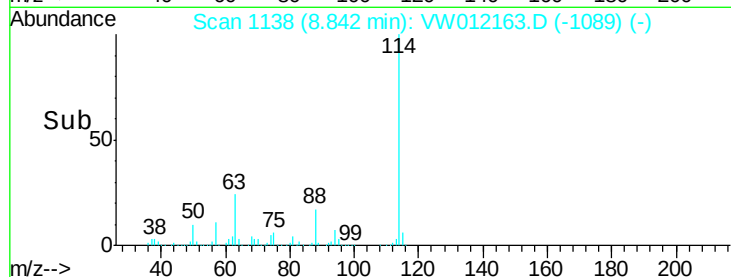
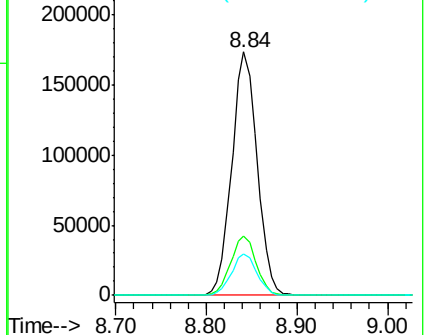
88 17.2 0.0 32.2



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: 50.878 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW012163.D

Acq: 26 Aug 2019 11:13

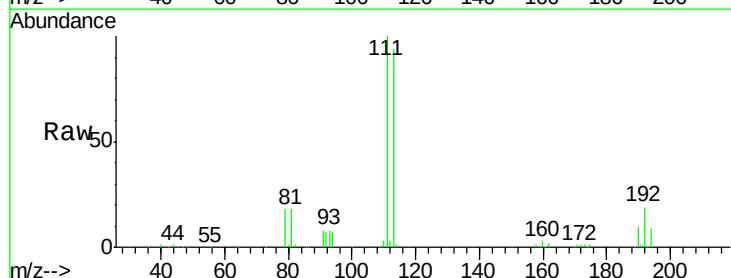
Tgt Ion:113 Resp: 102355

Ion Ratio Lower Upper

113 100

111 103.2 82.7 124.1

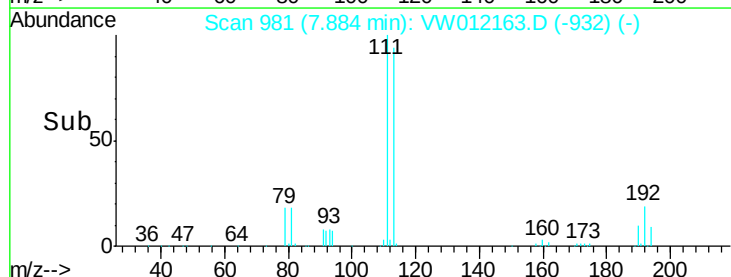
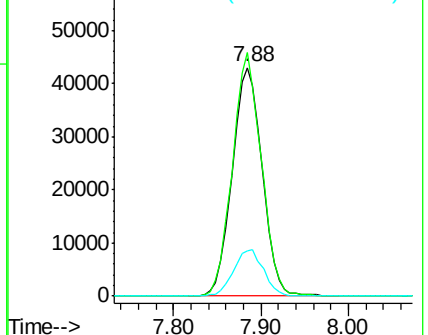
192 20.2 16.2 24.2

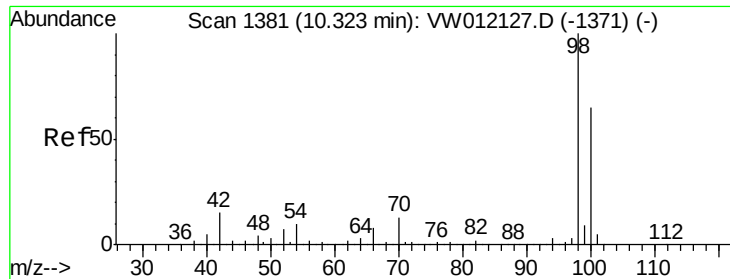


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.259 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012163.D

Acq: 26 Aug 2019 11:13

Instrument :

MSVOA_W

ClientSampleId :

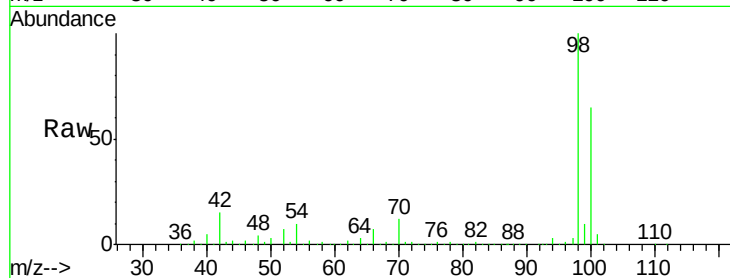
S600-M-1.0-1.5-082219

Tot Ion: 98 Resp: 409970

Ion Ratio Lower Upper

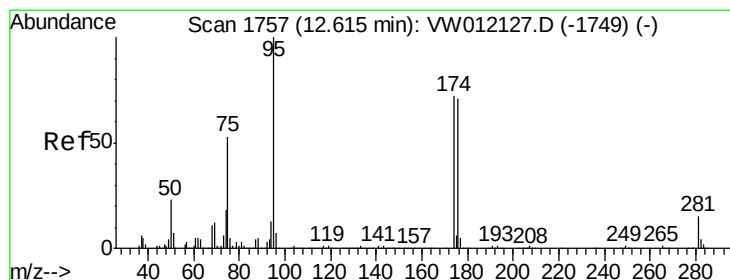
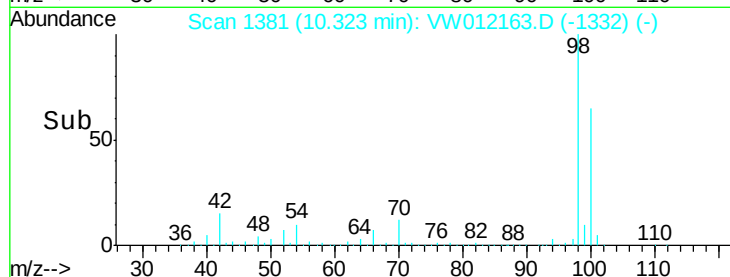
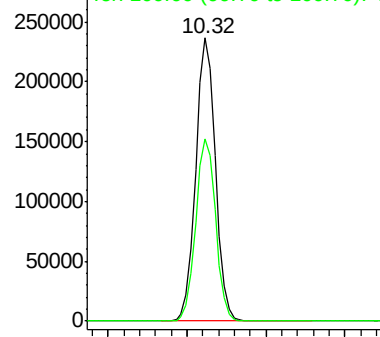
98 100

100 65.2 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: 45.577 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.01 min

Lab File: VW012163.D

Acq: 26 Aug 2019 11:13

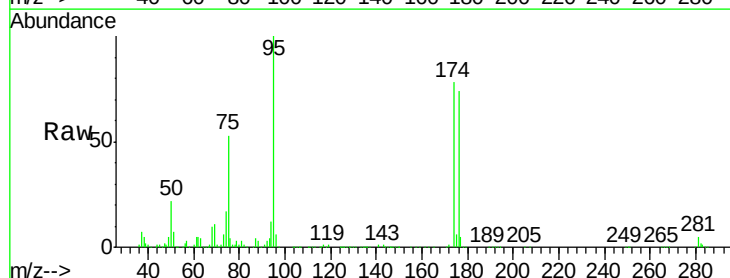
Tgt Ion: 95 Resp: 131050

Ion Ratio Lower Upper

95 100

174 76.7 0.0 150.8

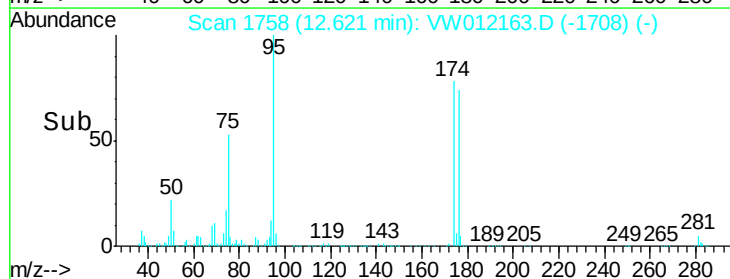
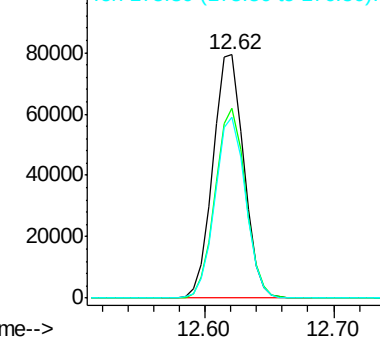
176 73.7 0.0 148.6

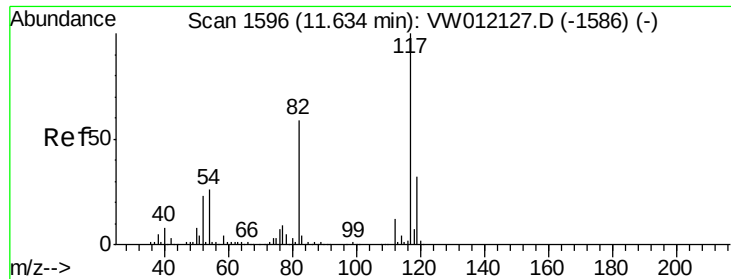


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

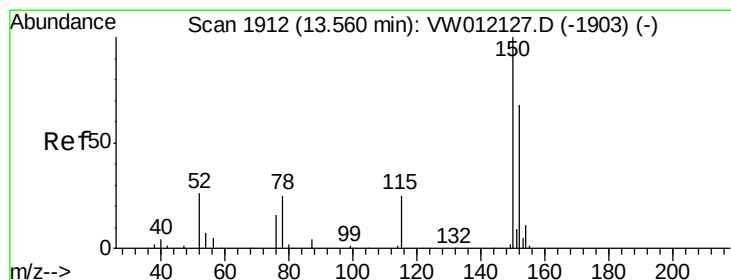
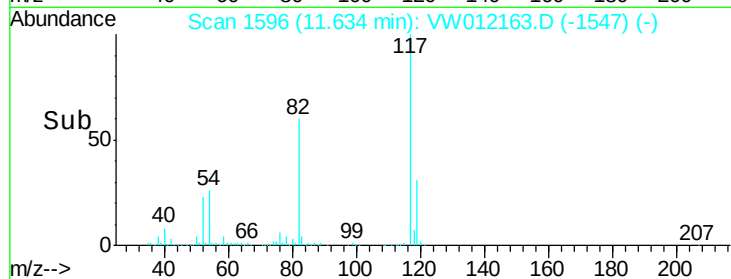
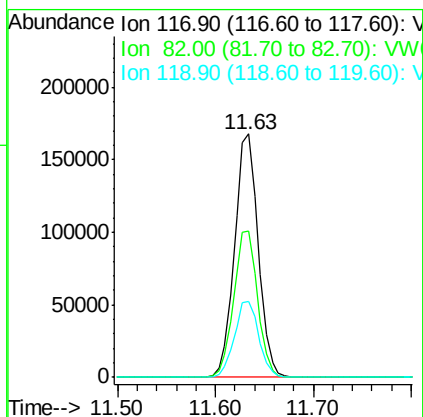
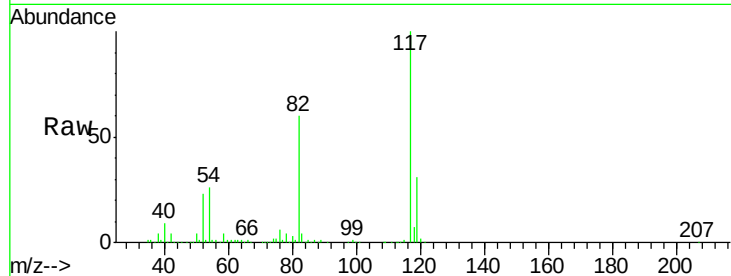




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012163.D
Acq: 26 Aug 2019 11:13

Instrument :
MSVOA_W
ClientSampleId :
S600-M-1.0-1.5-082219

Tot Ion:117 Resp: 280941
Ion Ratio Lower Upper
117 100
82 59.9 47.4 71.2
119 31.4 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: VW012163.D
Acq: 26 Aug 2019 11:13

Tgt Ion:152 Resp: 117124
Ion Ratio Lower Upper
152 100
115 59.9 30.1 90.3
150 156.1 0.0 345.8

