

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090319\
 Data File : VW012545.D
 Acq On : 03 Sep 2019 14:38
 Operator : SY/VA
 Sample : K4647-03
 Misc : 6.69G/5ML/MSVOA W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 S602-M-1.0-1.5-082319

Quant Time: Sep 03 15:15:05 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

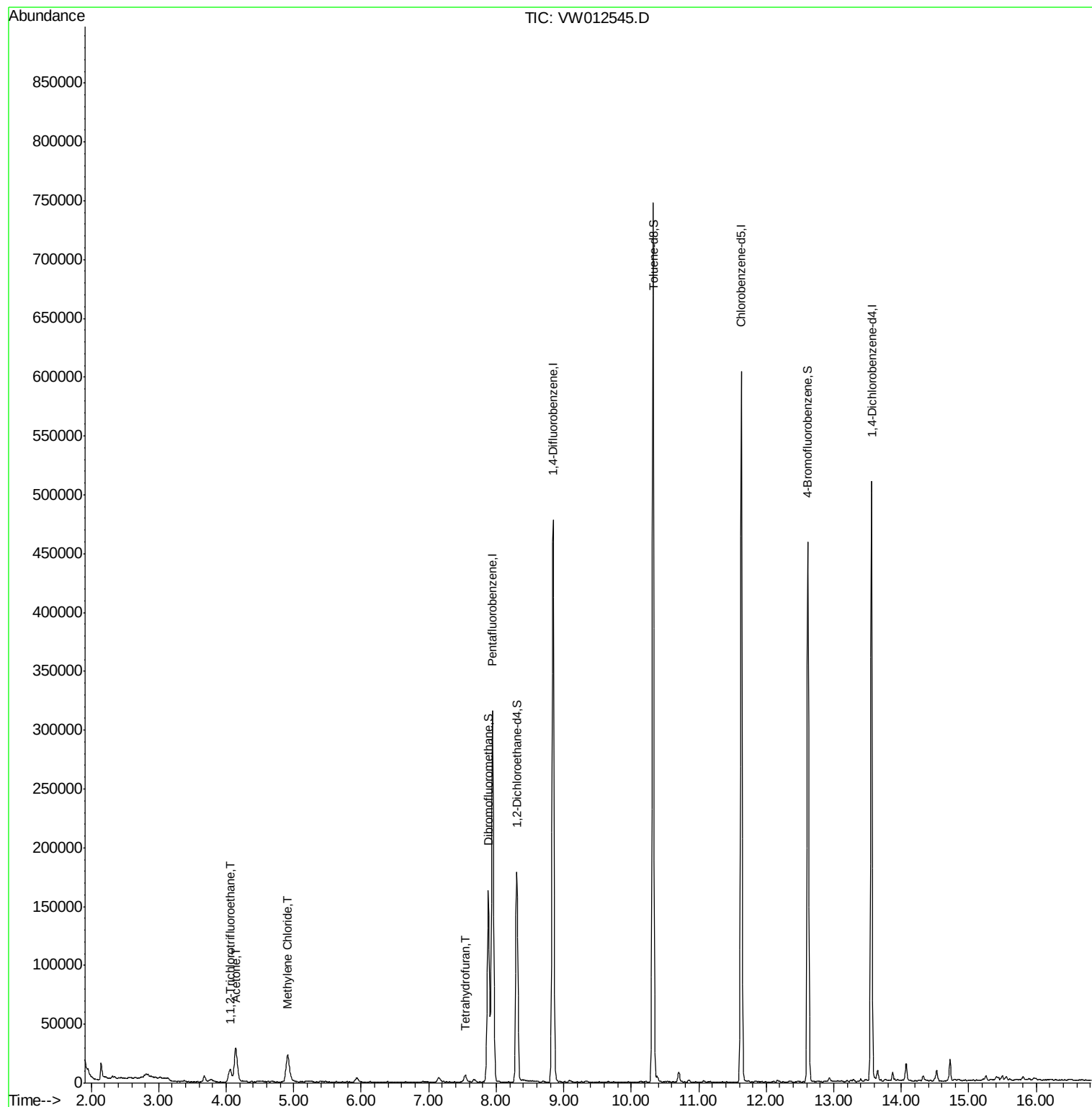
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	234437	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	383601	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	317411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	129058	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	147415	52.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.80%	
35) Dibromofluoromethane	7.88	113	116315	50.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.60%	
50) Toluene-d8	10.32	98	464513	50.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.06%	
62) 4-Bromofluorobenzene	12.62	95	147633	45.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.22%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	4.06	101	7860	3.364	ug/l	93
16) Acetone	4.14	43	62248	87.380	ug/l	94
20) Methylene Chloride	4.90	84	17935	6.660	ug/l	90
29) Tetrahydrofuran	7.54	42	6007	10.343	ug/l	96

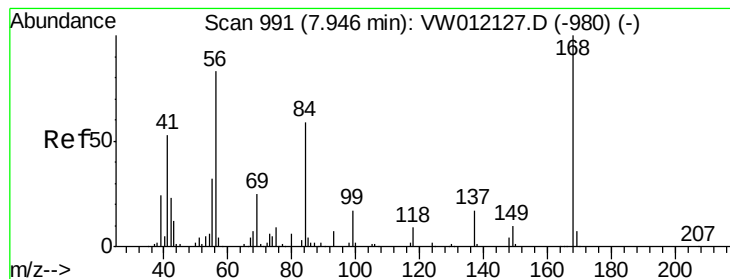
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VW012545.D

Acq: 03 Sep 2019 14:38

Instrument :

MSVOA_W

ClientSampleId :

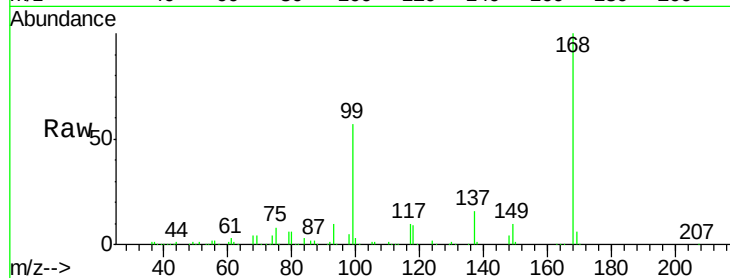
S602-M-1.0-1.5-082319

Tot Ion:168 Resp: 234437

Ion Ratio Lower Upper

168 100

99 57.1 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

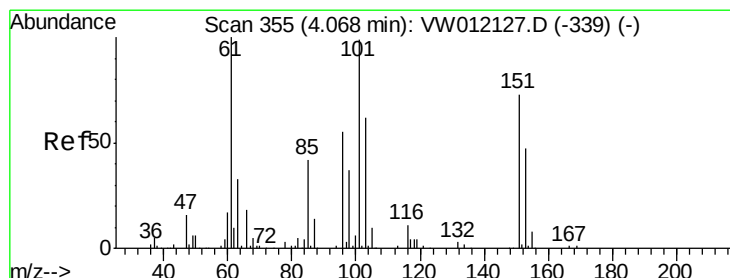
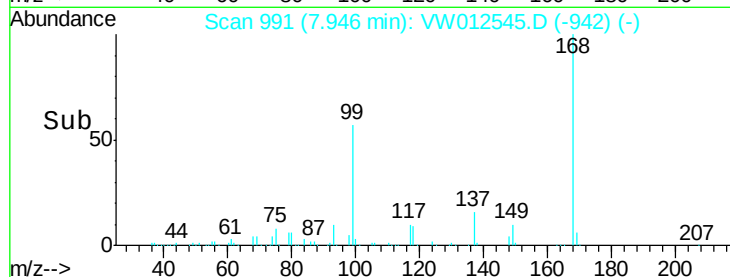
60000

40000

20000

0

Time--> 7.80 7.90 8.00 8.10



#9

1,1,2-Trichlorotrifluoroethane

Concen: 3.364 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW012545.D

Acq: 03 Sep 2019 14:38

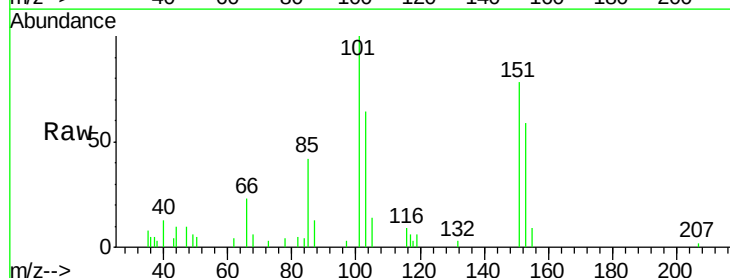
Tgt Ion:101 Resp: 7860

Ion Ratio Lower Upper

101 100

85 49.0 35.8 53.6

151 79.0 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

4.06

3000

2500

2000

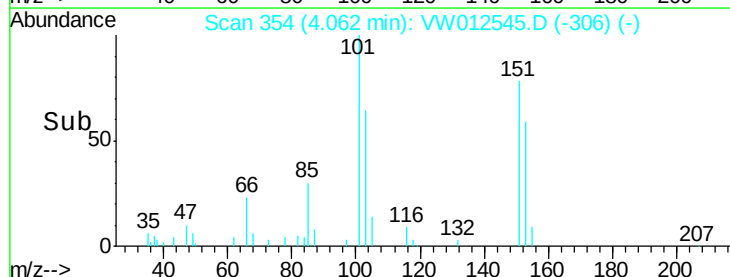
1500

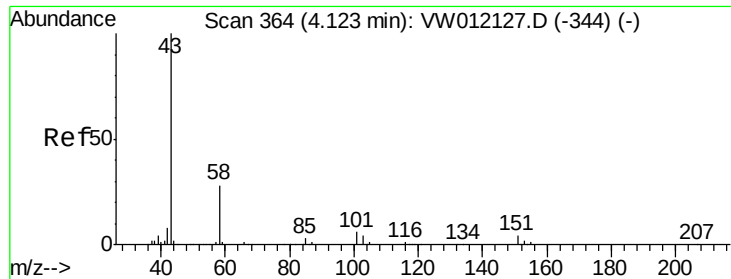
1000

500

0

Time--> 4.00 4.10

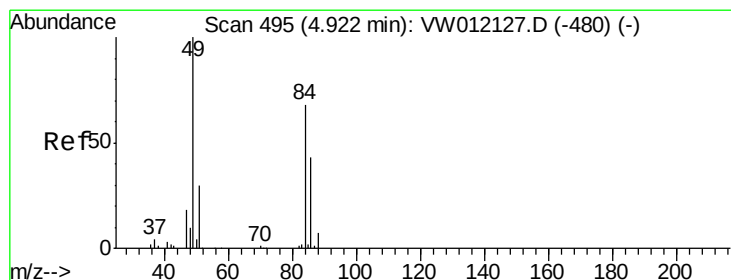
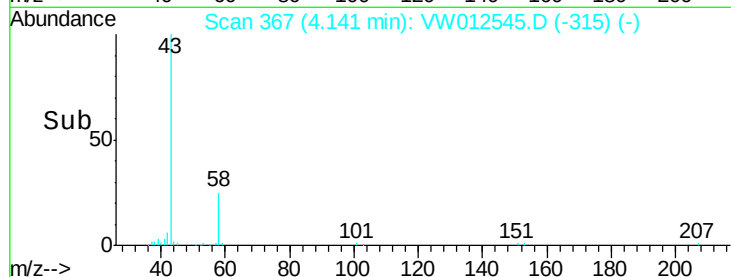
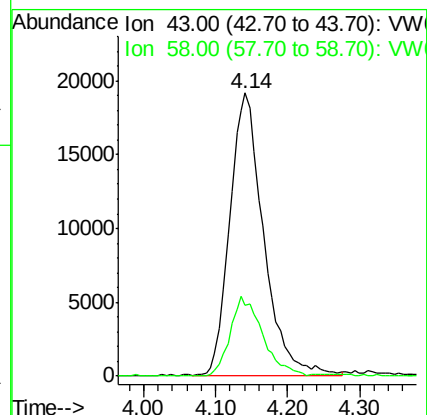
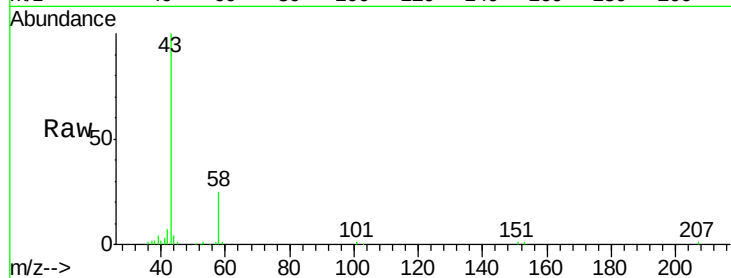




#16
Acetone
Concen: 87.380 ug/l
RT: 4.14 min Scan# 367
Delta R.T. 0.02 min
Lab File: VW012545.D
Acq: 03 Sep 2019 14:38

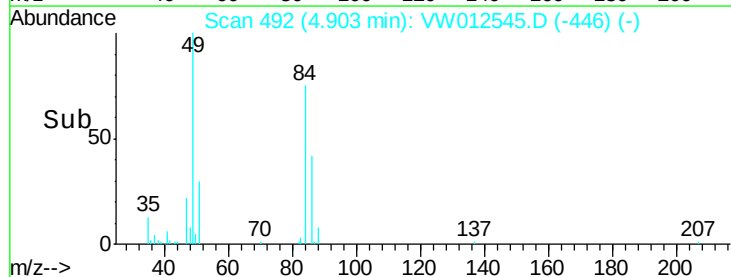
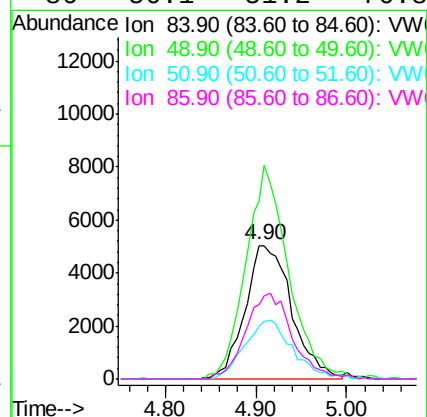
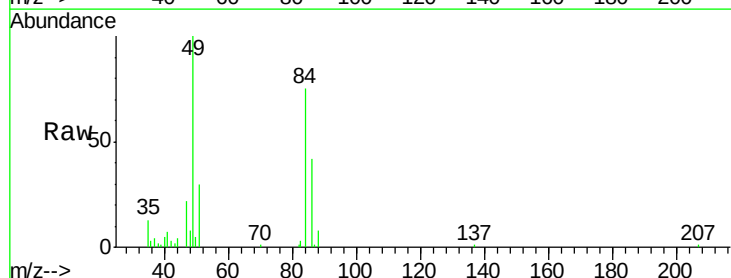
Instrument :
MSVOA_W
ClientSampleId :
S602-M-1.0-1.5-082319

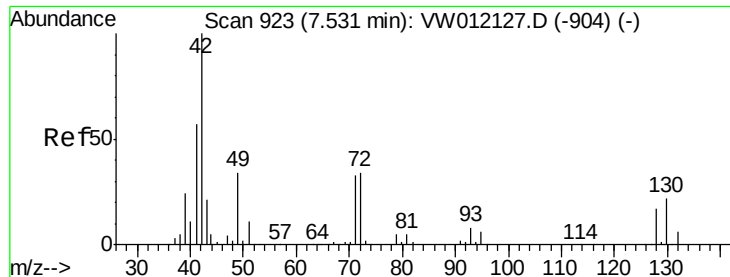
Tot Ion: 43 Resp: 62248
Ion Ratio Lower Upper
43 100
58 25.1 22.4 33.6



#20
Methylene Chloride
Concen: 6.660 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.02 min
Lab File: VW012545.D
Acq: 03 Sep 2019 14:38

Tgt Ion: 84 Resp: 17935
Ion Ratio Lower Upper
84 100
49 134.0 117.8 176.8
51 39.7 35.6 53.4
86 56.1 51.2 76.8





#29

Tetrahydrofuran

Concen: 10.343 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW012545.D

Acq: 03 Sep 2019 14:38

Instrument :

MSVOA_W

ClientSampleId :

S602-M-1.0-1.5-082319

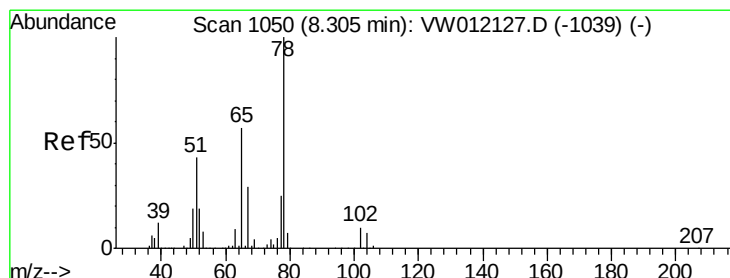
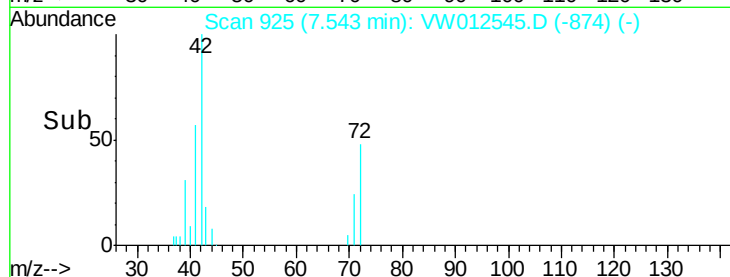
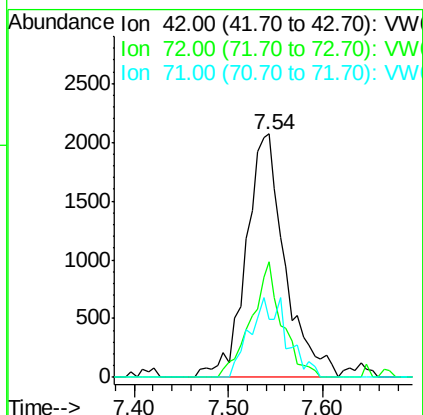
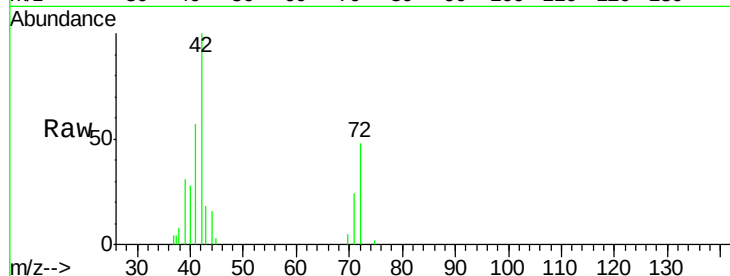
Tot Ion: 42 Resp: 6007

Ion Ratio Lower Upper

42 100

72 37.8 27.3 40.9

71 30.8 25.5 38.3



#33

1,2-Dichloroethane-d4

Concen: 52.896 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VW012545.D

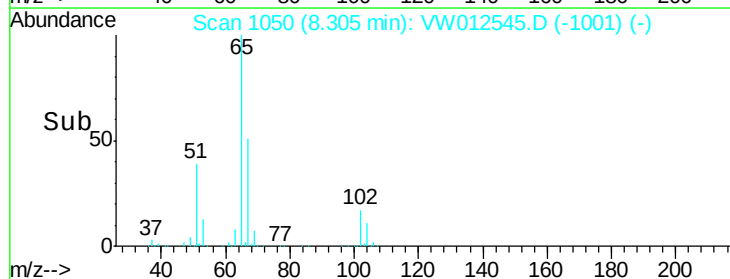
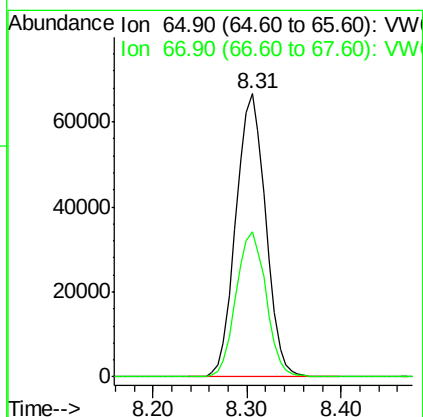
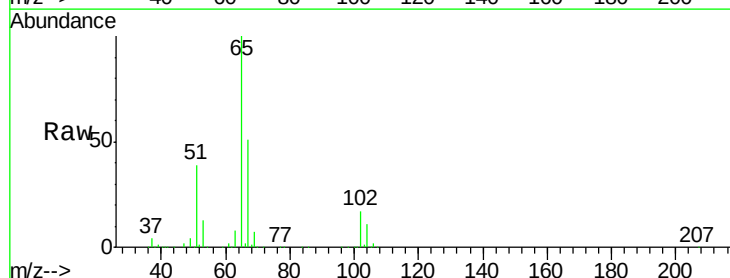
Acq: 03 Sep 2019 14:38

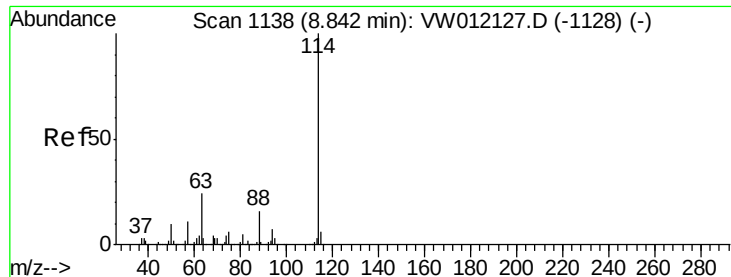
Tgt Ion: 65 Resp: 147415

Ion Ratio Lower Upper

65 100

67 51.7 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: VW012545.D

Acq: 03 Sep 2019 14:38

Instrument :

MSVOA_W

ClientSampleId :

S602-M-1.0-1.5-082319

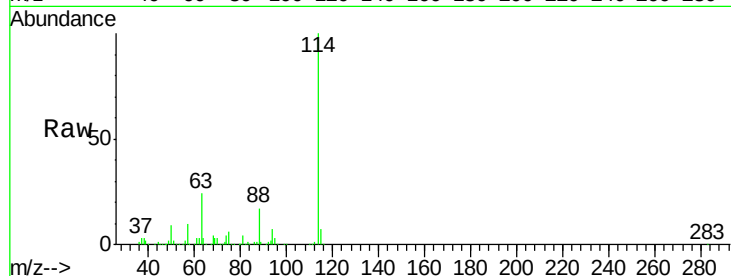
Tot Ion:114 Resp: 383601

Ion Ratio Lower Upper

114 100

63 23.6 0.0 48.6

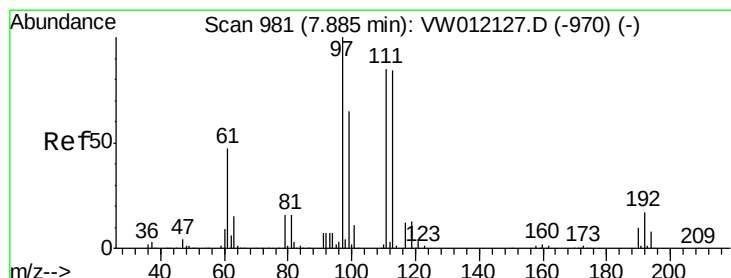
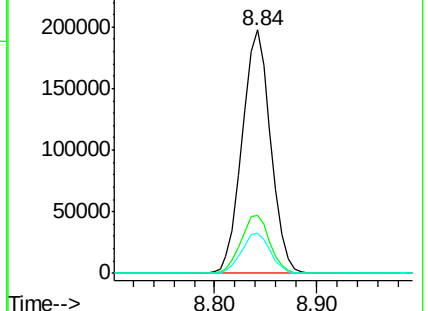
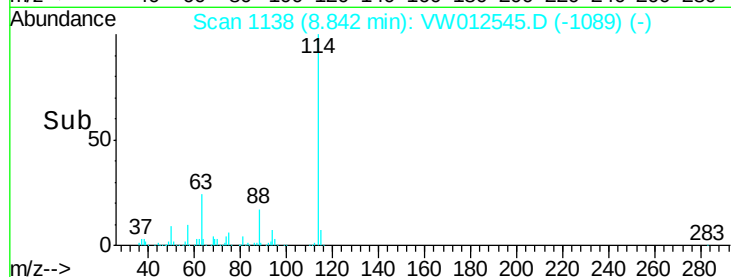
88 16.7 0.0 32.2



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: 50.799 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW012545.D

Acq: 03 Sep 2019 14:38

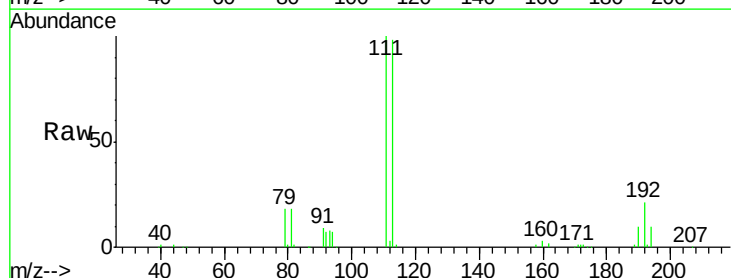
Tgt Ion:113 Resp: 116315

Ion Ratio Lower Upper

113 100

111 102.4 82.7 124.1

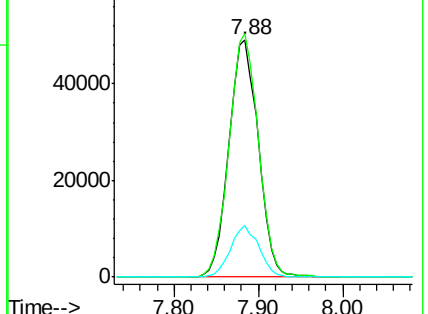
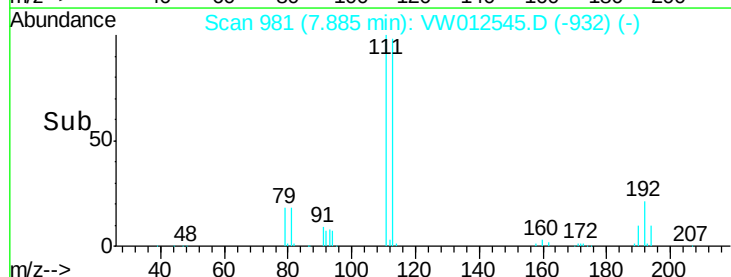
192 21.0 16.2 24.2

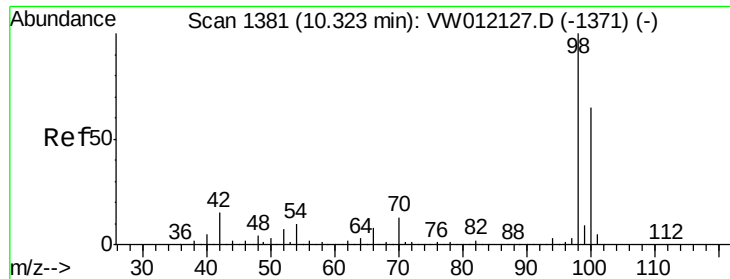


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.033 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW012545.D

Acq: 03 Sep 2019 14:38

Instrument :

MSVOA_W

ClientSampleId :

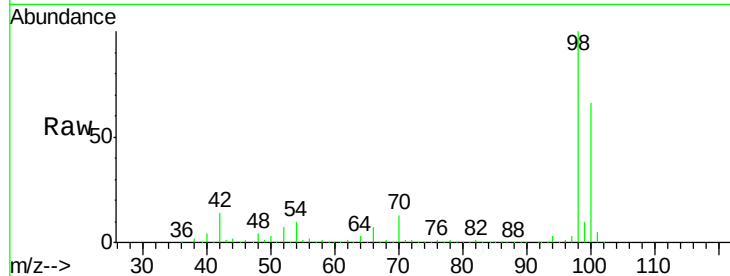
S602-M-1.0-1.5-082319

Tot Ion: 98 Resp: 464513

Ion Ratio Lower Upper

98 100

100 65.6 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

250000

200000

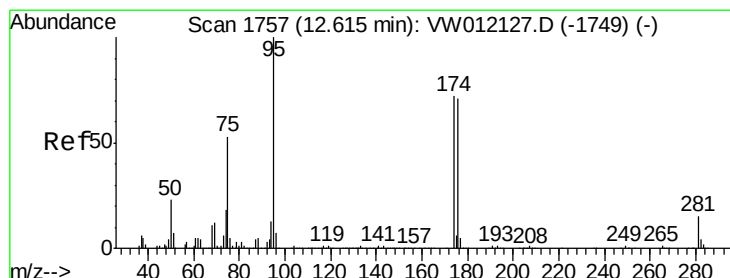
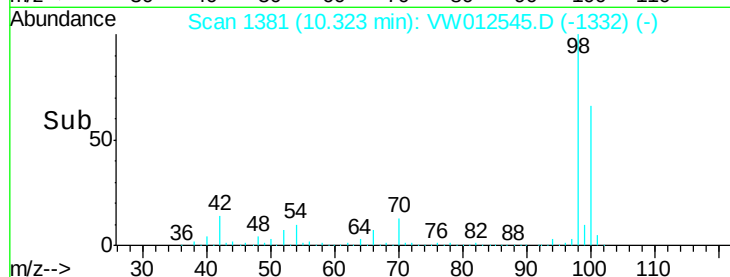
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 45.111 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VW012545.D

Acq: 03 Sep 2019 14:38

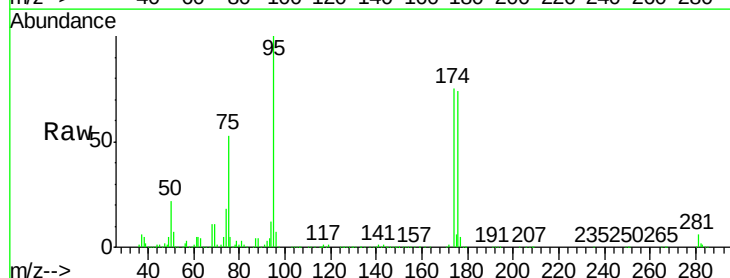
Tgt Ion: 95 Resp: 147633

Ion Ratio Lower Upper

95 100

174 78.6 0.0 150.8

176 77.0 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

12.62

120000

100000

80000

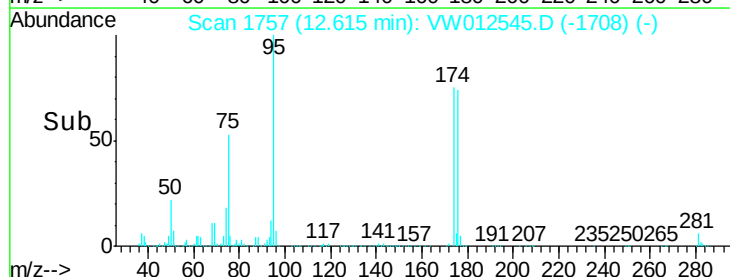
60000

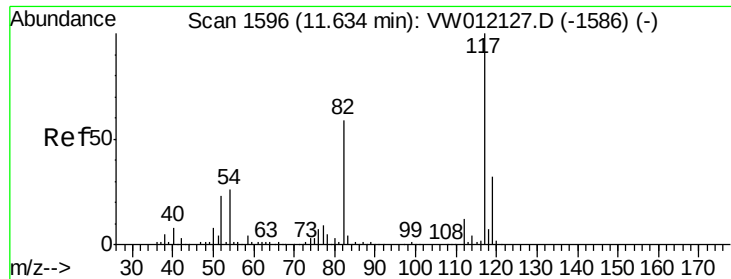
40000

20000

0

Time-->

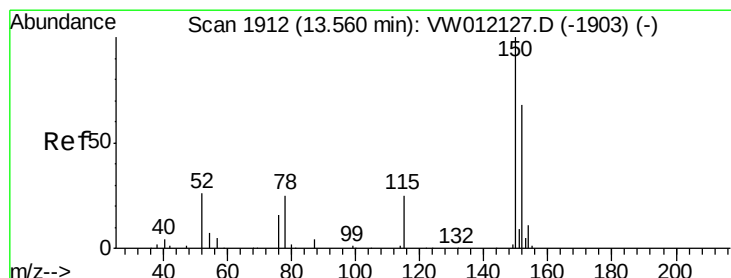
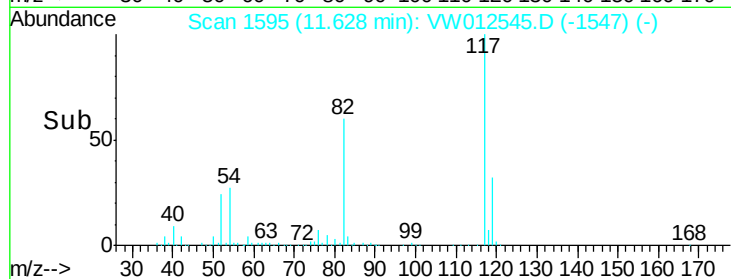
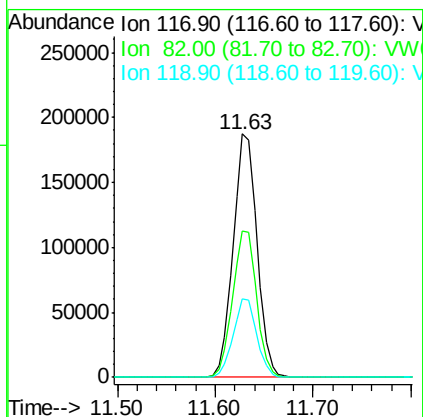
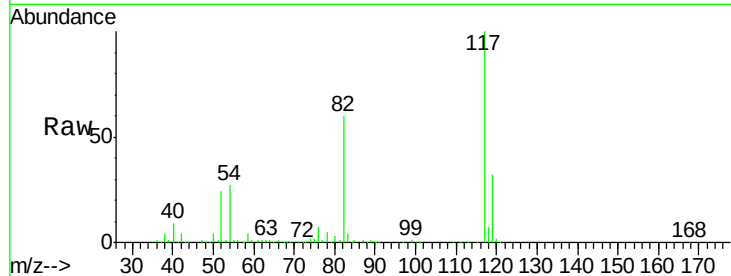




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012545.D
Acq: 03 Sep 2019 14:38

Instrument :
MSVOA_W
ClientSampleId :
S602-M-1.0-1.5-082319

Tot Ion:117 Resp: 317411
Ion Ratio Lower Upper
117 100
82 60.0 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: VW012545.D
Acq: 03 Sep 2019 14:38

Tgt Ion:152 Resp: 129058
Ion Ratio Lower Upper
152 100
115 59.3 30.1 90.3
150 155.9 0.0 345.8

