

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090519\
 Data File : VW012651.D
 Acq On : 05 Sep 2019 19:45
 Operator : SY/VA
 Sample : K4547-08RE
 Misc : 2.50G/5ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T3-S-F-(0)RE

Quant Time: Sep 06 08:20:23 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

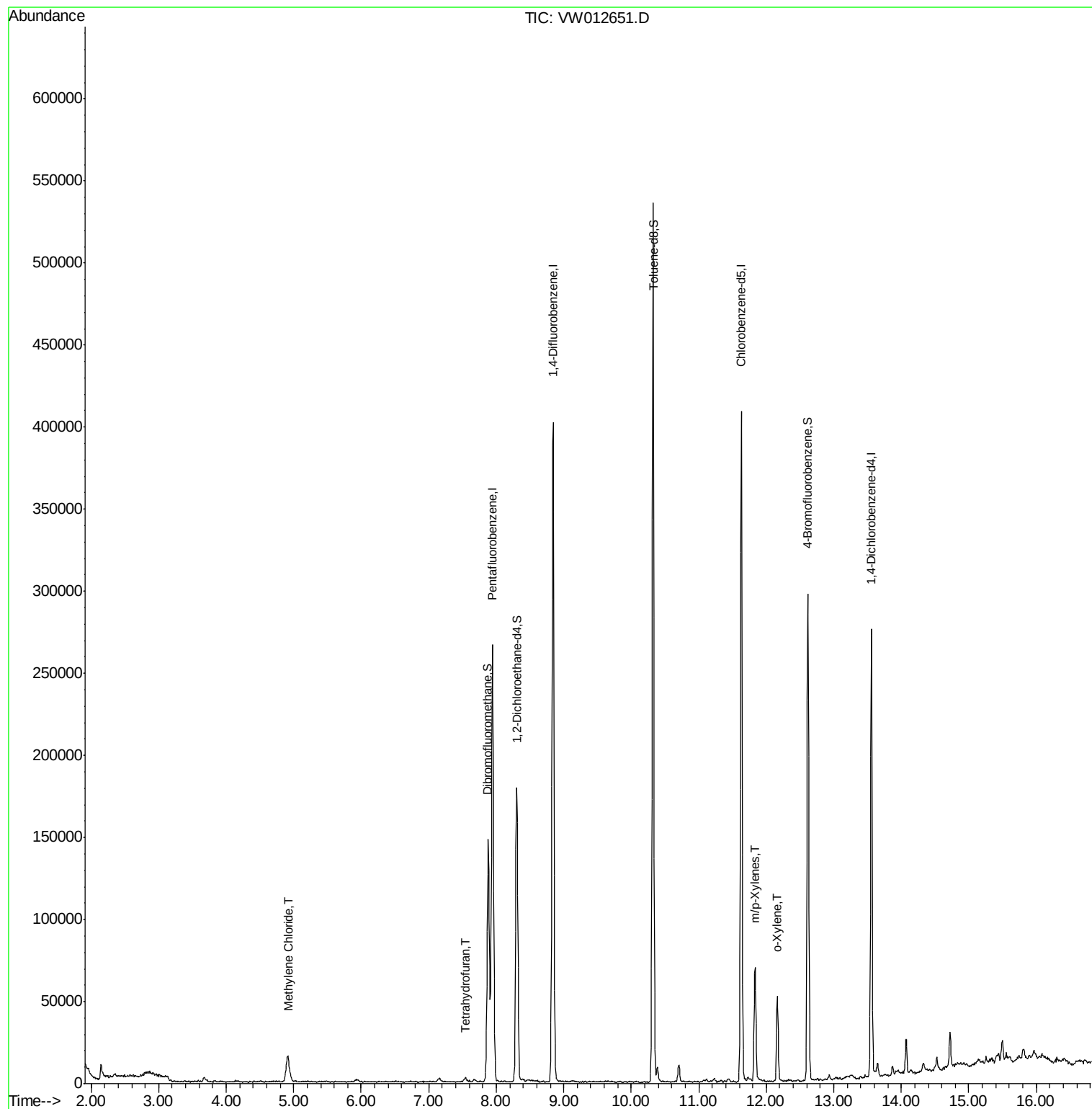
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	193981	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	320365	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	215911	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	69656	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	147618	64.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.04%	
35) Dibromofluoromethane	7.88	113	107242	56.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.16%	
50) Toluene-d8	10.32	98	341095	43.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.98%	
62) 4-Bromofluorobenzene	12.62	95	94879	34.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.42%	
Target Compounds						
20) Methylene Chloride	4.91	84	12247	5.496	ug/l	92
29) Tetrahydrofuran	7.54	42	2411	5.017	ug/l #	90
68) m/p-Xylenes	11.83	106	19356	6.561	ug/l	95
69) o-Xylene	12.16	106	12977	4.753	ug/l	99

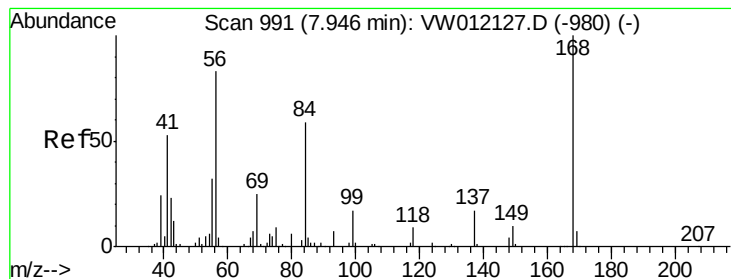
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW090519\
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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: VW012651.D

Acq: 05 Sep 2019 19:45

Instrument :

MSVOA_W

ClientSampleId :

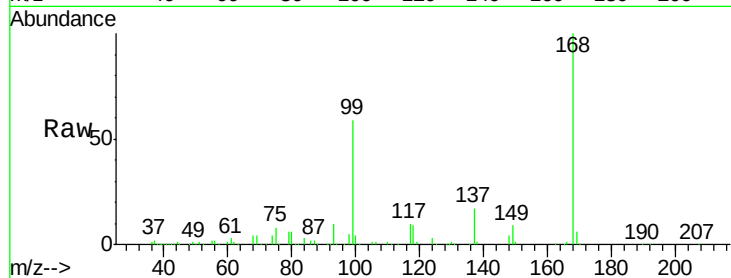
T3-S-F(0)RE

Tot Ion:168 Resp: 193981

Ion Ratio Lower Upper

168 100

99 59.2 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

80000

60000

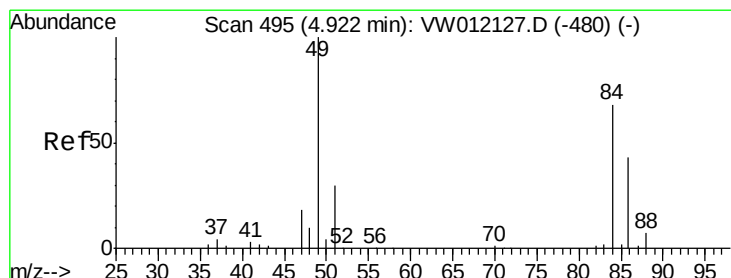
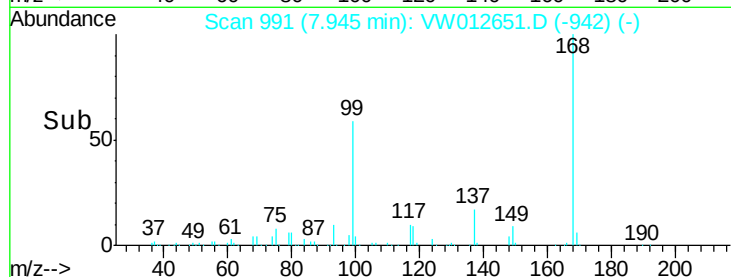
40000

20000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#20

Methylene Chloride

Concen: 5.496 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012651.D

Acq: 05 Sep 2019 19:45

Tgt Ion: 84 Resp: 12247

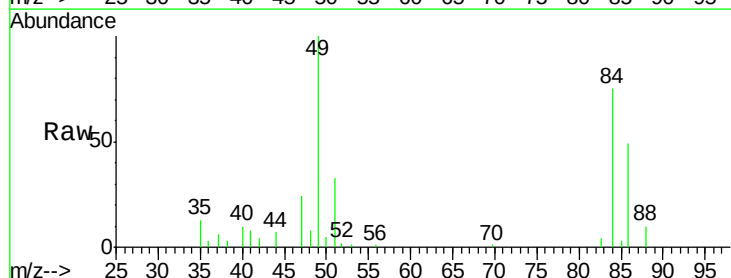
Ion Ratio Lower Upper

84 100

49 133.6 117.8 176.8

51 42.3 35.6 53.4

86 66.0 51.2 76.8



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

4.91

8000

6000

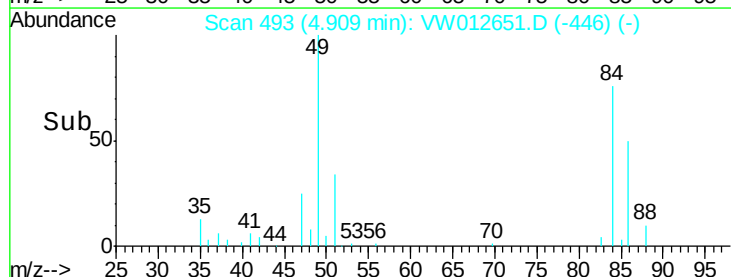
4000

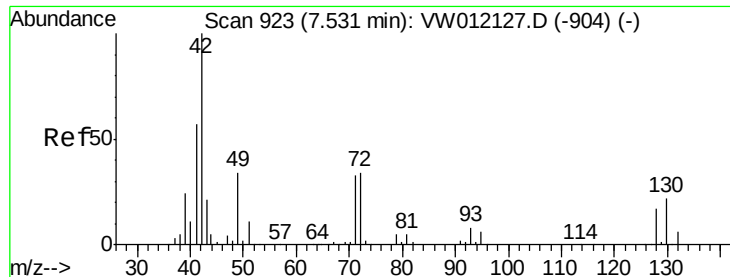
2000

0

4.80 4.90 5.00

Time-->





#29

Tetrahydrofuran

Concen: 5.017 ug/l

RT: 7.54 min Scan# 924

Delta R.T. 0.01 min

Lab File: VW012651.D

Acq: 05 Sep 2019 19:45

Instrument :

MSVOA_W

ClientSampled :

T3-S-F(0)RE

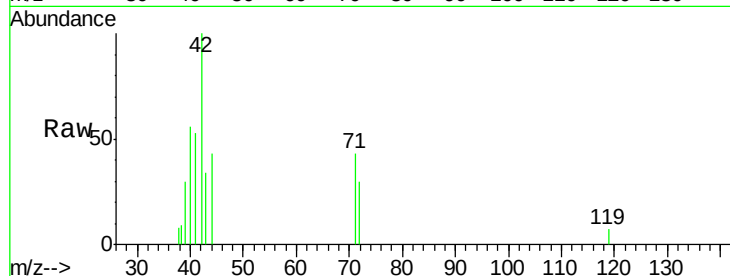
Tot Ion: 42 Resp: 2411

Ion Ratio Lower Upper

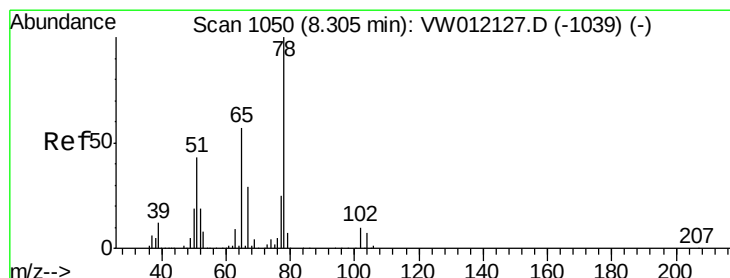
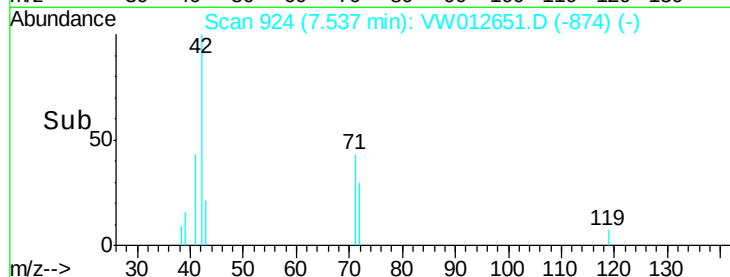
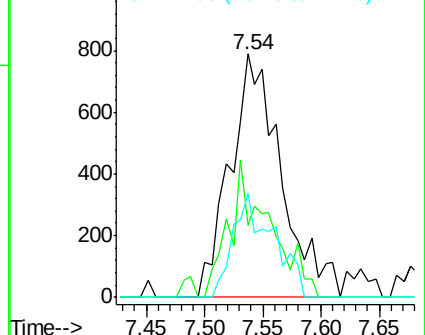
42 100

72 44.0 27.3 40.9#

71 33.3 25.5 38.3



Abundance Ion 42.00 (41.70 to 42.70): VW
Ion 72.00 (71.70 to 72.70): VW
Ion 71.00 (70.70 to 71.70): VW



#33

1,2-Dichloroethane-d4

Concen: 64.016 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.00 min

Lab File: VW012651.D

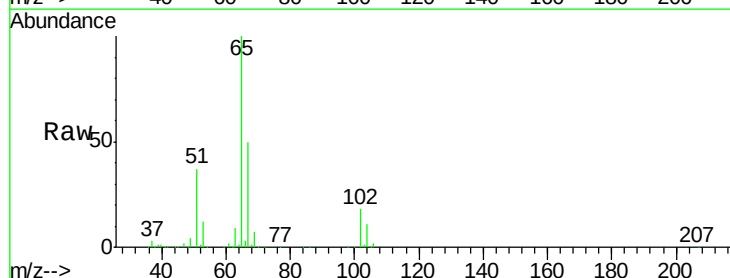
Acq: 05 Sep 2019 19:45

Tgt Ion: 65 Resp: 147618

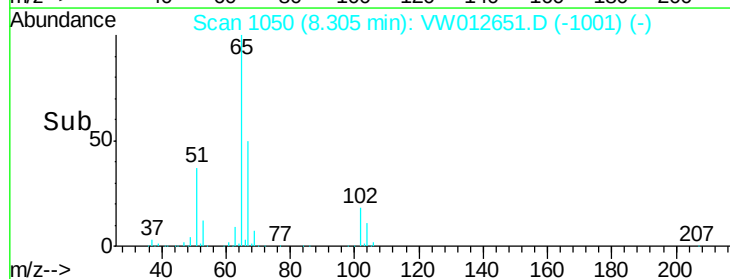
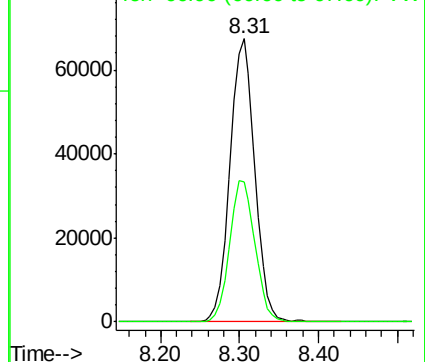
Ion Ratio Lower Upper

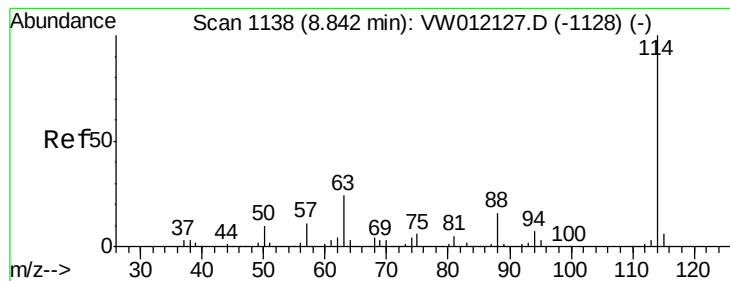
65 100

67 50.8 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VW
Ion 66.90 (66.60 to 67.60): VW





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.84 min Scan# 1138

Delta R.T. -0.00 min

Lab File: VW012651.D

Acq: 05 Sep 2019 19:45

Instrument :

MSVOA_W

ClientSampleId :

T3-S-F(0)RE

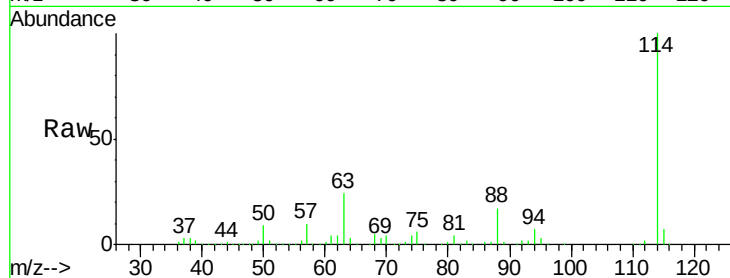
Tot Ion:114 Resp: 320365

Ion Ratio Lower Upper

114 100

63 23.8 0.0 48.6

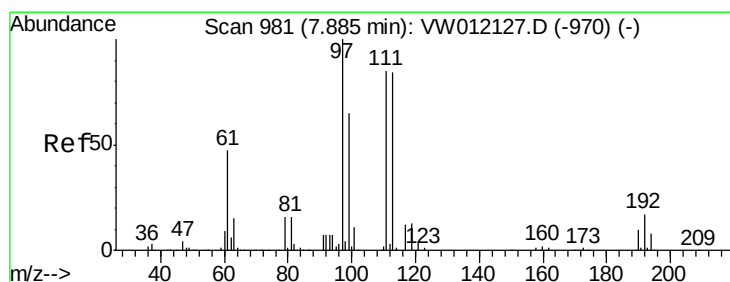
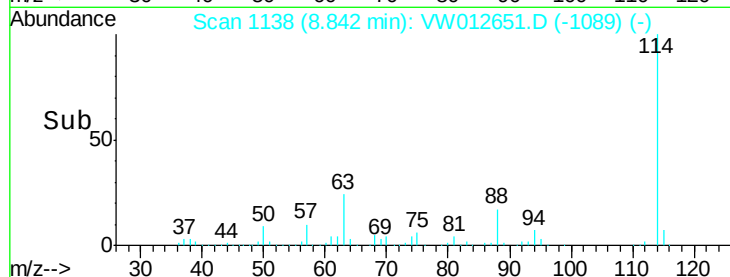
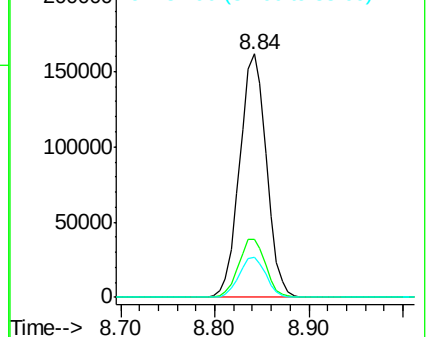
88 16.6 0.0 32.2



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: 56.081 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012651.D

Acq: 05 Sep 2019 19:45

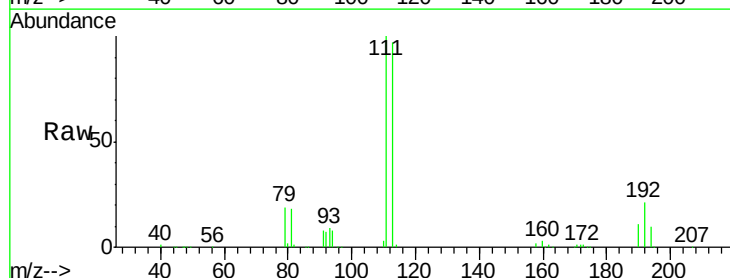
Tgt Ion:113 Resp: 107242

Ion Ratio Lower Upper

113 100

111 102.7 82.7 124.1

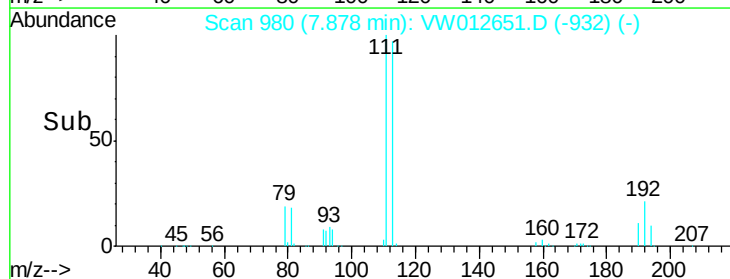
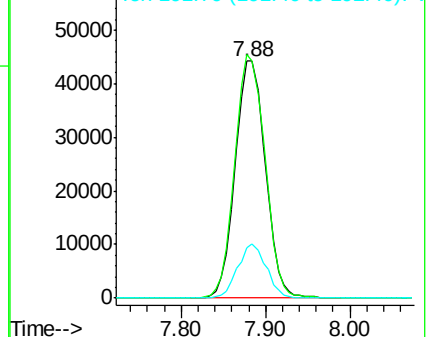
192 21.5 16.2 24.2

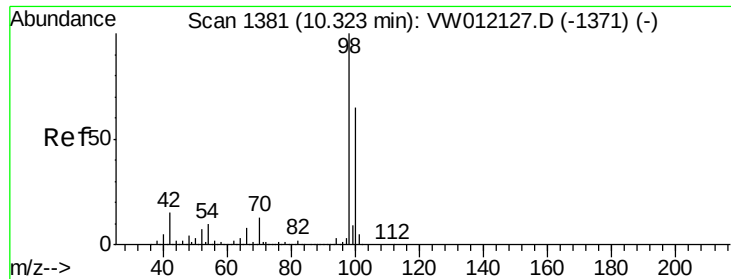


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 43.991 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012651.D

Acq: 05 Sep 2019 19:45

Instrument :

MSVOA_W

ClientSampleId :

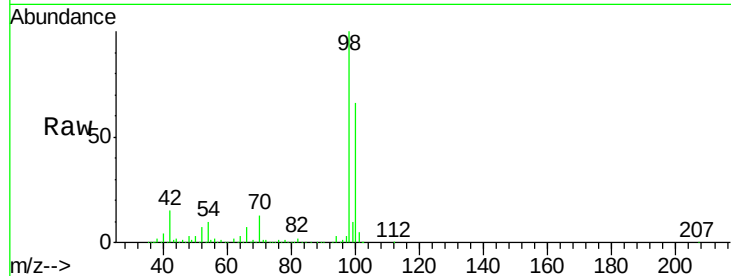
T3-S-F(0)RE

Tot Ion: 98 Resp: 341095

Ion Ratio Lower Upper

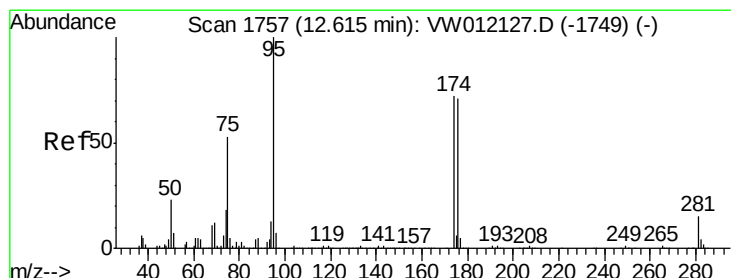
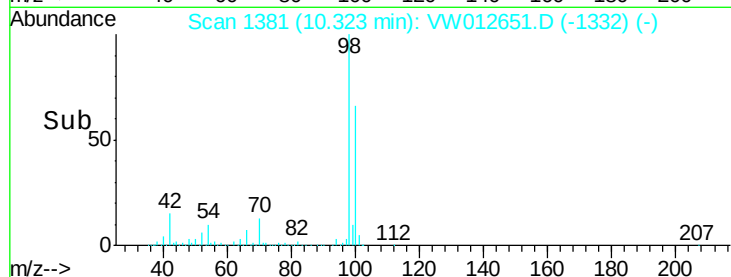
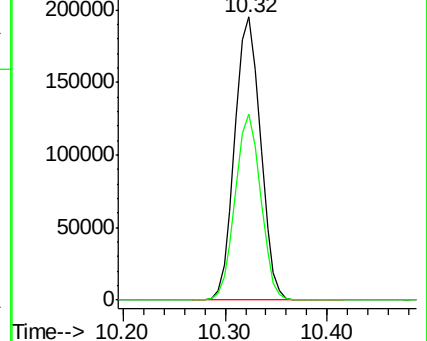
98 100

100 64.9 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: 34.714 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012651.D

Acq: 05 Sep 2019 19:45

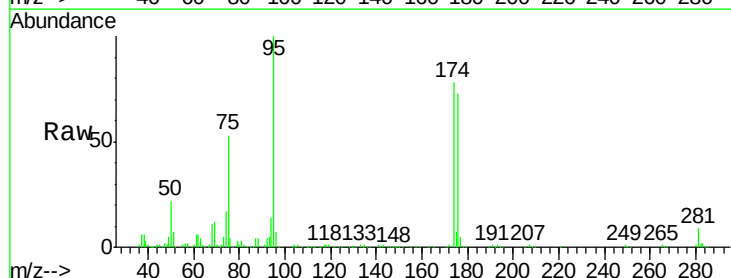
Tgt Ion: 95 Resp: 94879

Ion Ratio Lower Upper

95 100

174 79.9 0.0 150.8

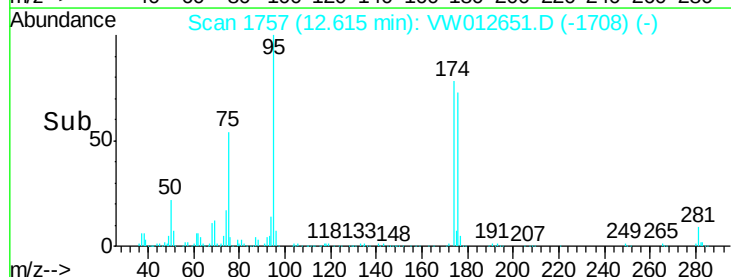
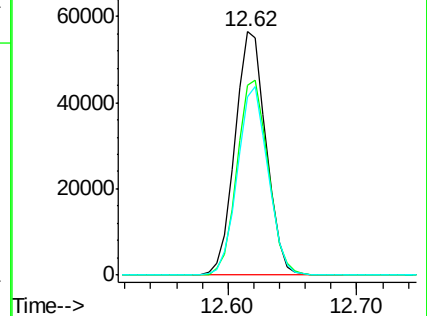
176 75.9 0.0 148.6

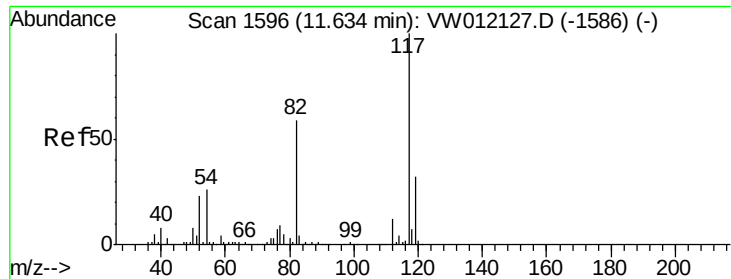


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

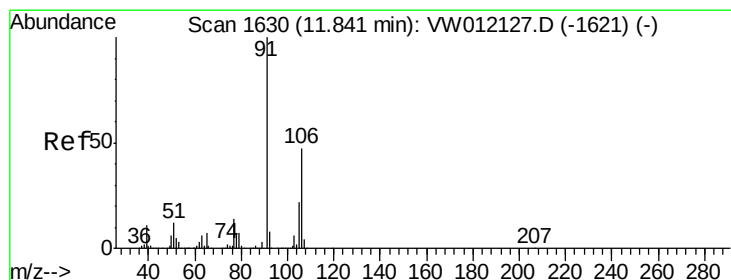
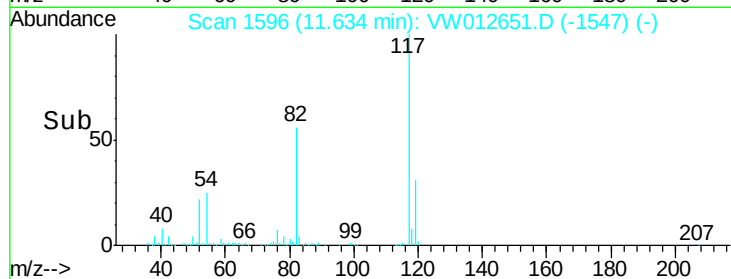
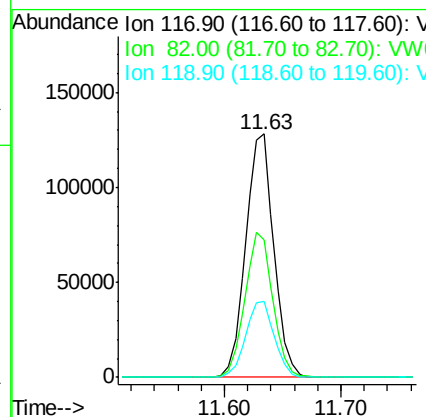
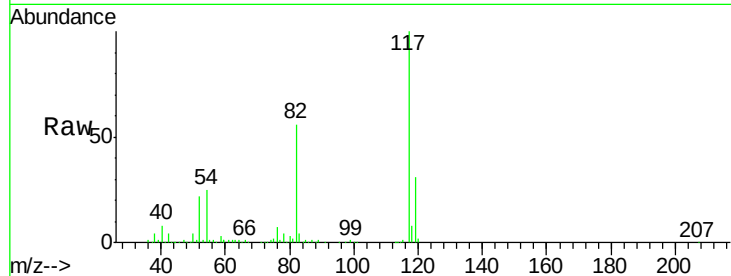




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW012651.D
Acq: 05 Sep 2019 19:45

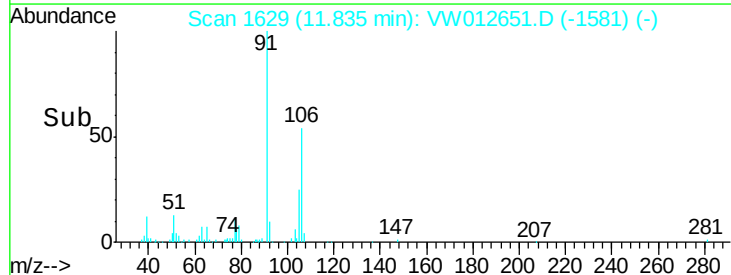
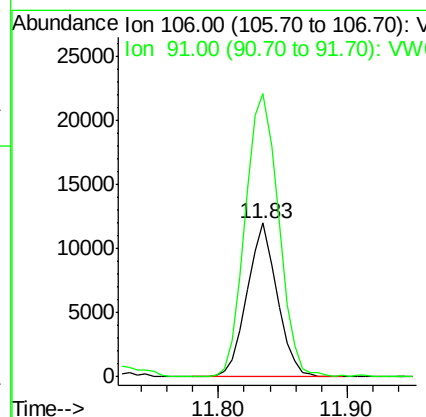
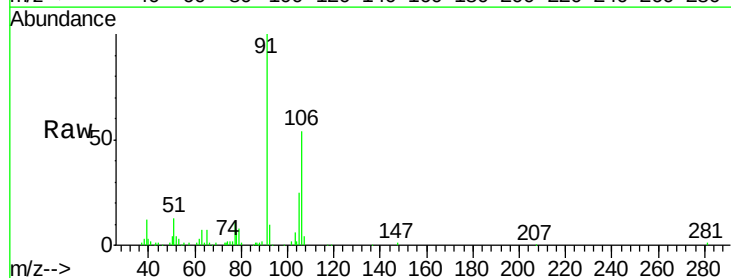
Instrument :
MSVOA_W
ClientSampleId :
T3-S-F(0)RE

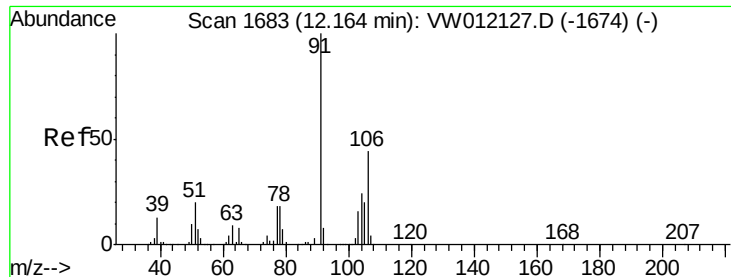
Tot Ion:117 Resp: 215911
Ion Ratio Lower Upper
117 100
82 56.4 47.4 71.2
119 31.4 25.4 38.2



#68
m/p-Xylenes
Concen: 6.561 ug/l
RT: 11.83 min Scan# 1629
Delta R.T. -0.01 min
Lab File: VW012651.D
Acq: 05 Sep 2019 19:45

Tgt Ion:106 Resp: 19356
Ion Ratio Lower Upper
106 100
91 204.3 169.5 254.3

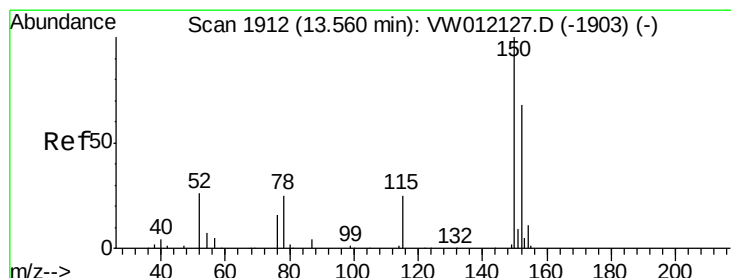
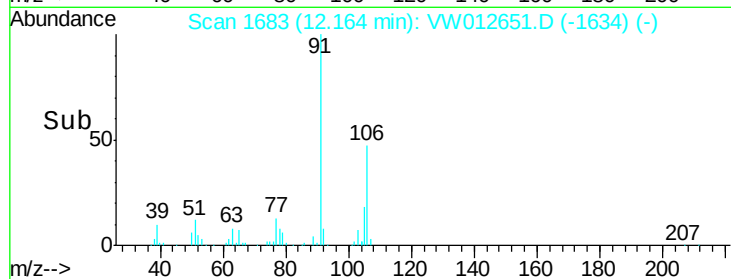
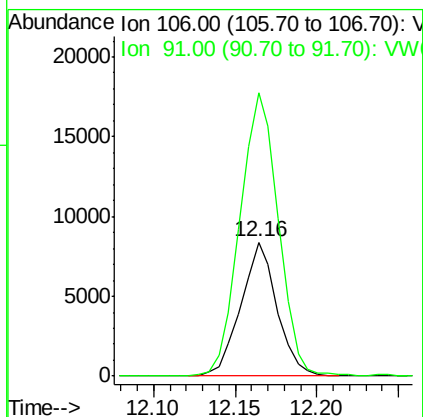
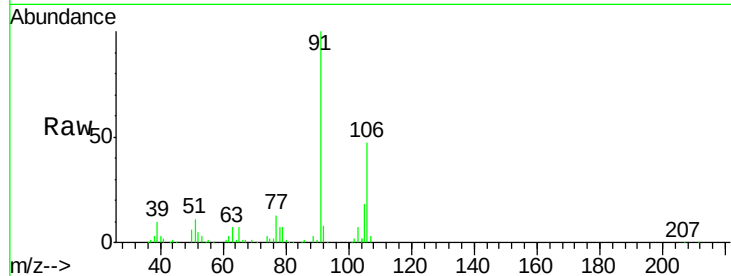




#69
o-Xylene
Concen: 4.753 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. -0.00 min
Lab File: VW012651.D
Acq: 05 Sep 2019 19:45

Instrument :
MSVOA_W
ClientSampleId :
T3-S-F(0)RE

Tot Ion:106 Resp: 12977
Ion Ratio Lower Upper
106 100
91 224.6 111.6 334.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW012651.D
Acq: 05 Sep 2019 19:45

Tgt Ion:152 Resp: 69656
Ion Ratio Lower Upper
152 100
115 59.6 30.1 90.3
150 157.9 0.0 345.8

