

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082619\
 Data File : VW012185.D
 Acq On : 26 Aug 2019 21:40
 Operator : SY/VA
 Sample : K4472-02
 Misc : 5.28G/5ML/MSVOA W/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 T1-S1-(2.5)

Quant Time: Aug 27 06:28:42 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

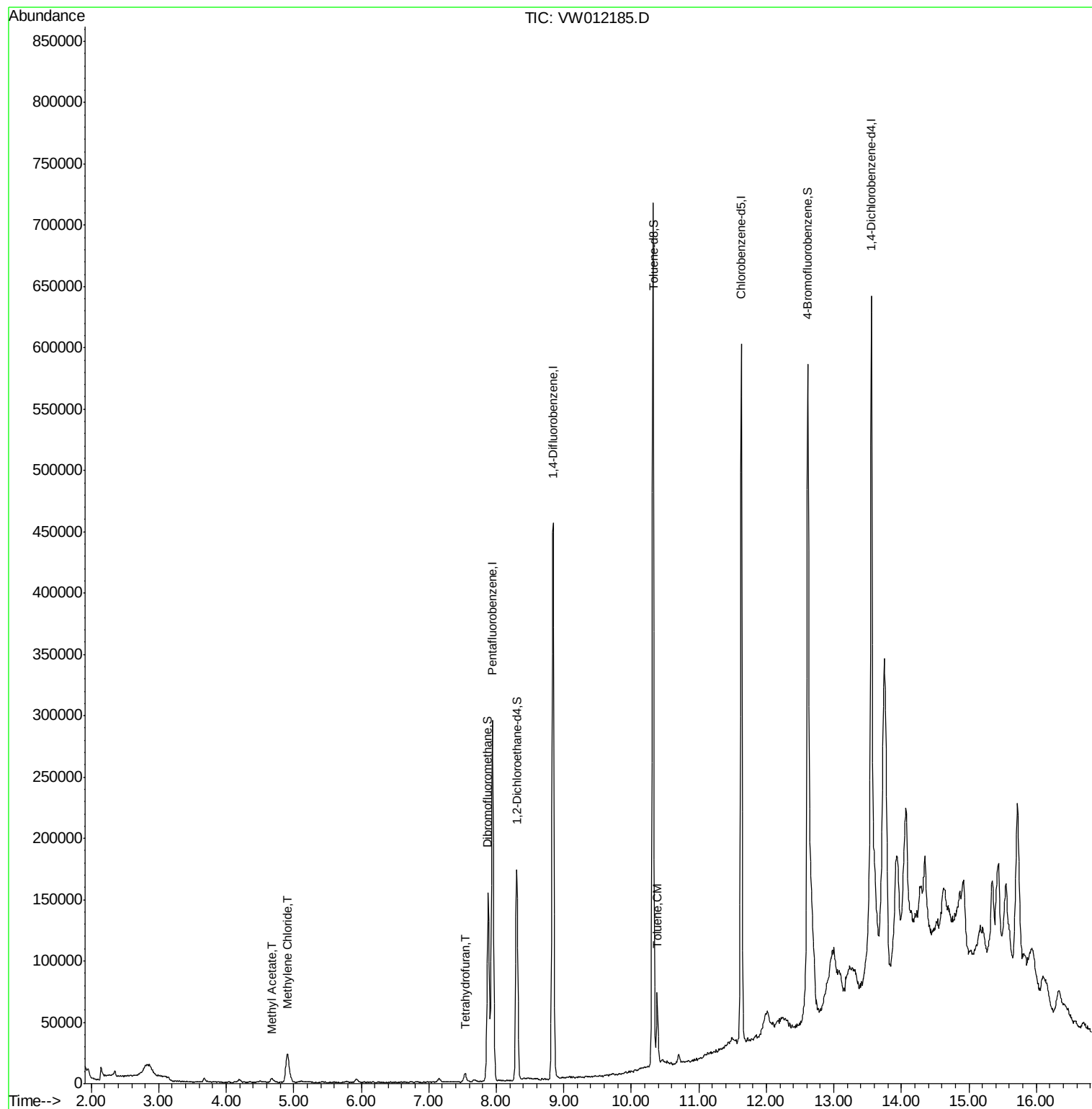
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	211864	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	358070	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	292019	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	111395	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	139265	55.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.60%	
35) Dibromofluoromethane	7.88	113	110044	51.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.98%	
50) Toluene-d8	10.32	98	443139	51.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.26%	
62) 4-Bromofluorobenzene	12.62	95	174579	57.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.30%	
Target Compounds						
18) Methyl Acetate	4.68	43	6335	3.973	ug/l	94
20) Methylene Chloride	4.91	84	18234	7.492	ug/l	94
29) Tetrahydrofuran	7.54	42	6073	11.571	ug/l	100
52) Toluene	10.38	92	22440	3.697	ug/l	99

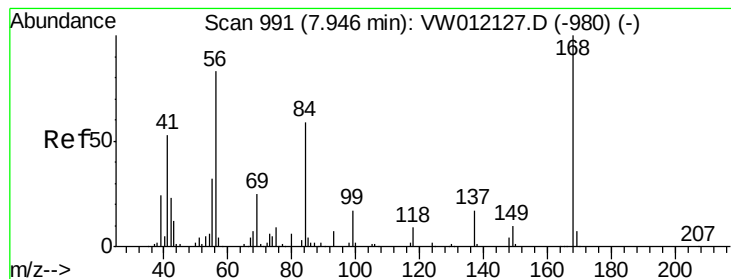
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082619\
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Quant Title : SW846 8260
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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: VW012185.D

Acq: 26 Aug 2019 21:40

Instrument :

MSVOA_W

ClientSampleId :

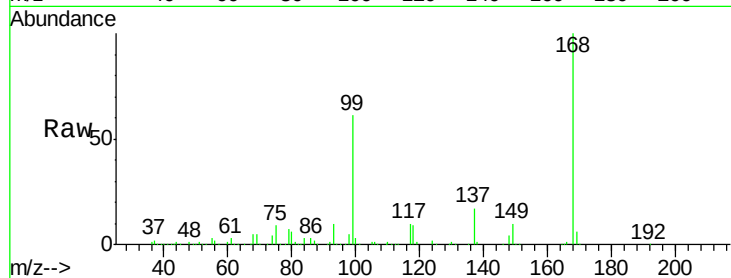
T1-S1-(2.5)

Tot Ion:168 Resp: 211864

Ion Ratio Lower Upper

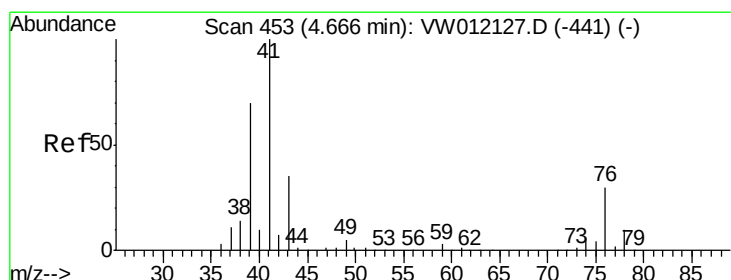
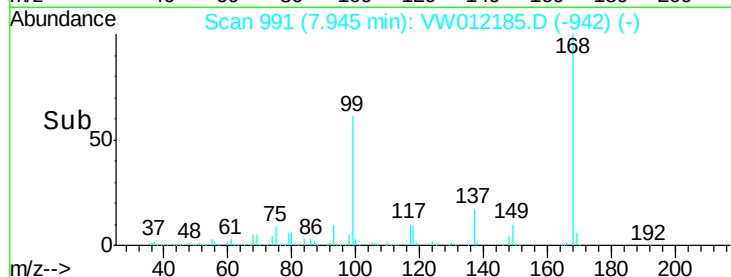
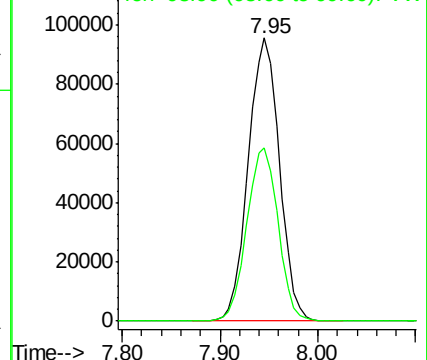
168 100

99 61.2 49.2 73.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#18

Methyl Acetate

Concen: 3.973 ug/l

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW012185.D

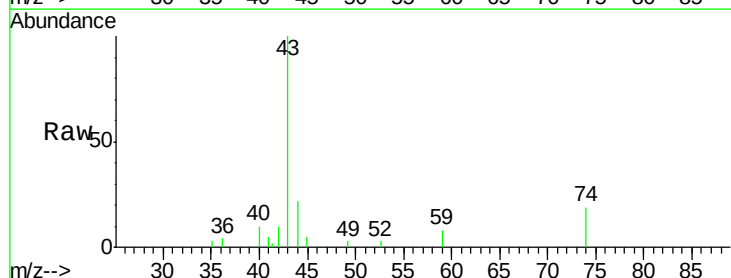
Acq: 26 Aug 2019 21:40

Tgt Ion: 43 Resp: 6335

Ion Ratio Lower Upper

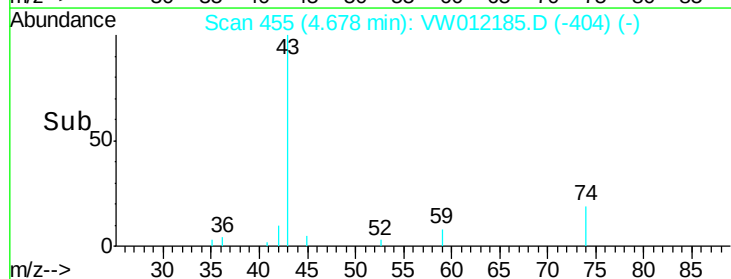
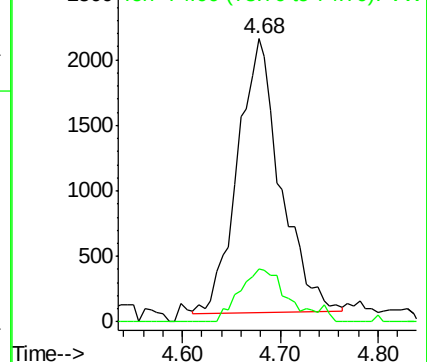
43 100

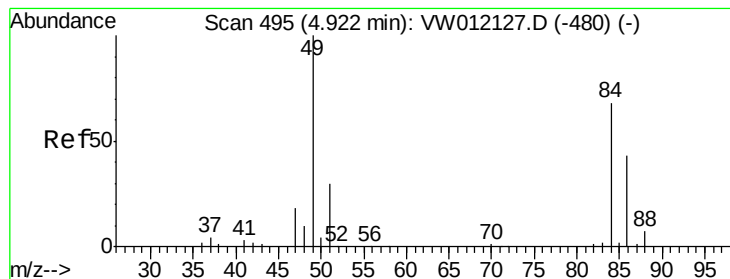
74 22.4 15.7 23.5



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW





#20

Methvlene Chloride

Concen: 7.492 ug/l

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

Lab File: VW012185.D

Acq: 26 Aug 2019 21:40

Instrument :

MSVOA_W

ClientSampleId :

T1-S1-(2.5)

Tot Ion: 84 Resp: 18234

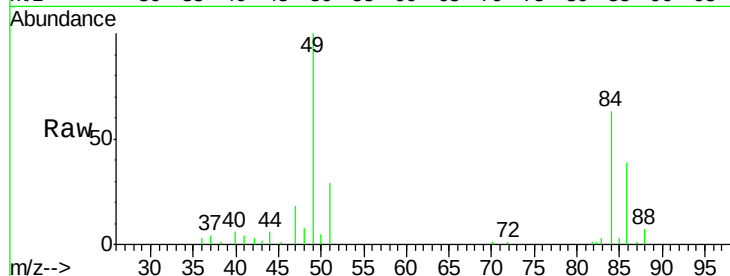
Ion Ratio Lower Upper

84 100

49 158.1 117.8 176.8

51 46.4 35.6 53.4

86 61.7 51.2 76.8

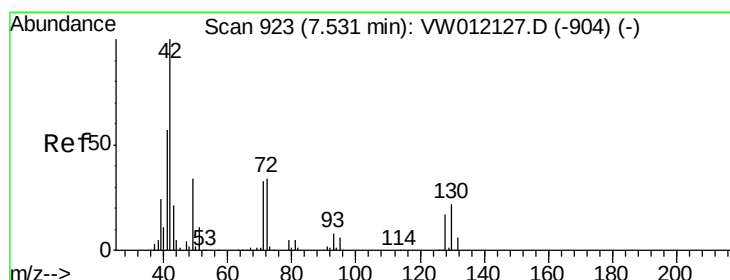
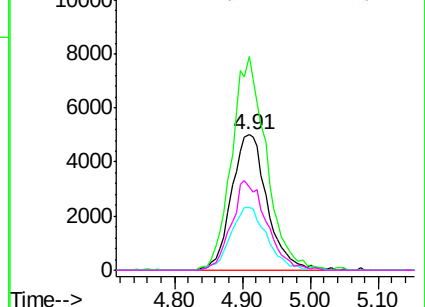
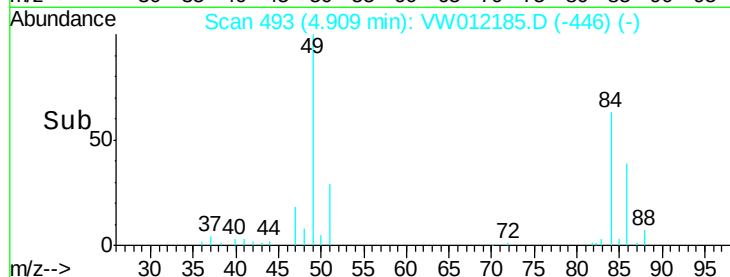


Abundance Ion 83.90 (83.60 to 84.60): VW

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



#29

Tetrahydrofuran

Concen: 11.571 ug/l

RT: 7.54 min Scan# 925

Delta R.T. 0.01 min

Lab File: VW012185.D

Acq: 26 Aug 2019 21:40

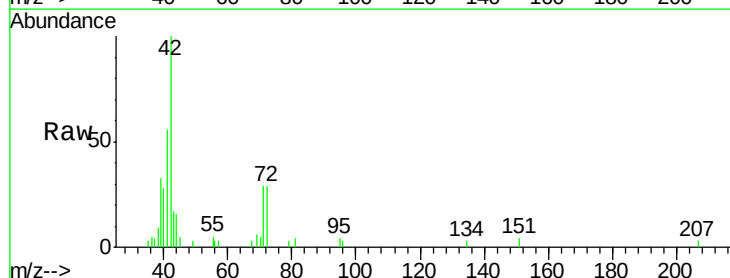
Tgt Ion: 42 Resp: 6073

Ion Ratio Lower Upper

42 100

72 34.2 27.3 40.9

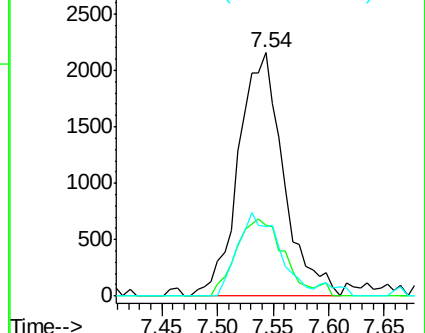
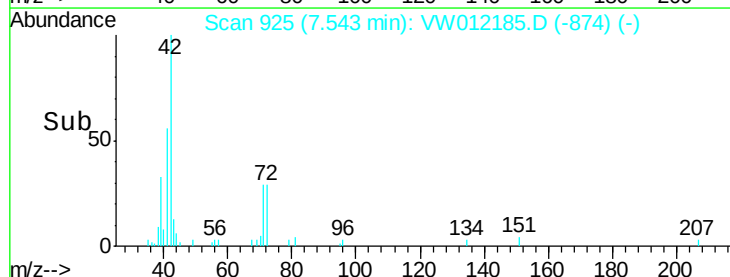
71 31.7 25.5 38.3

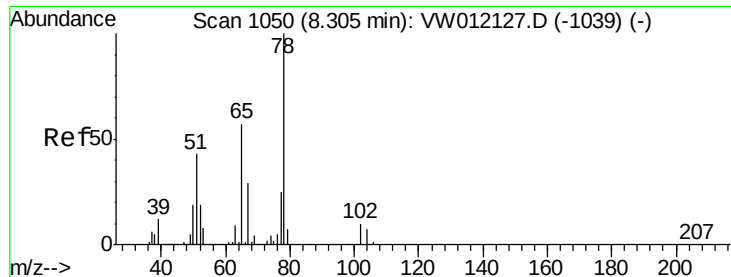


Abundance Ion 42.00 (41.70 to 42.70): VW

Ion 72.00 (71.70 to 72.70): VW

Ion 71.00 (70.70 to 71.70): VW

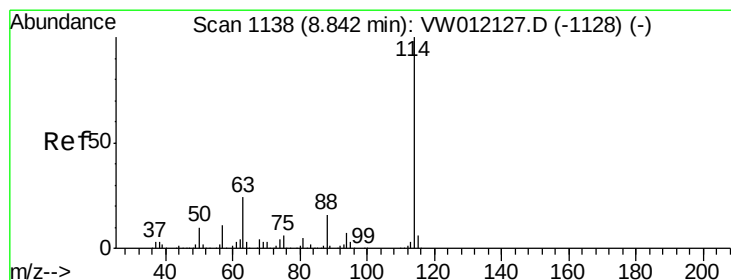
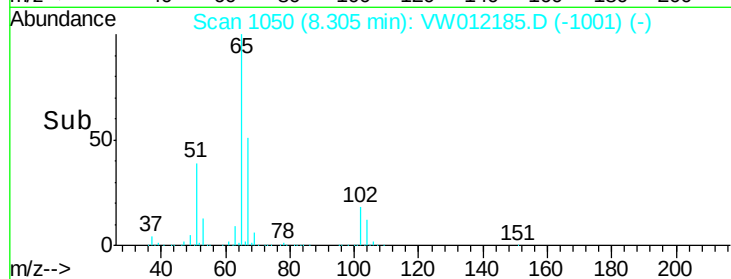
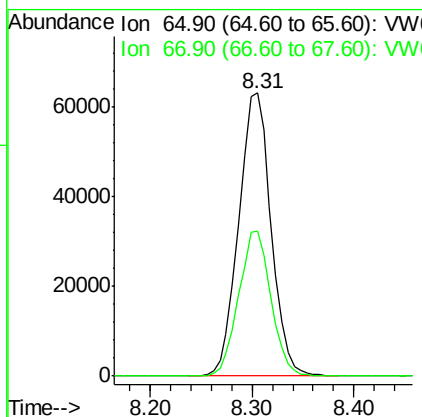
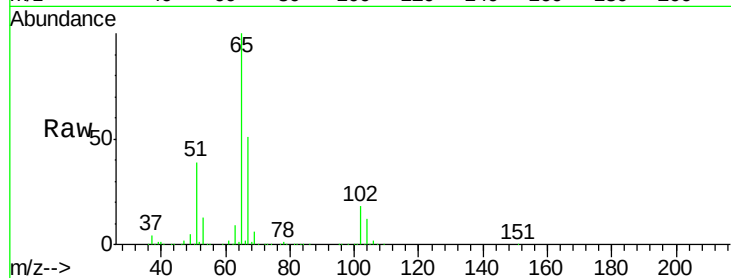




#33
 1,2-Dichloroethane-d4
 Concen: 55.296 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW012185.D
 Acq: 26 Aug 2019 21:40

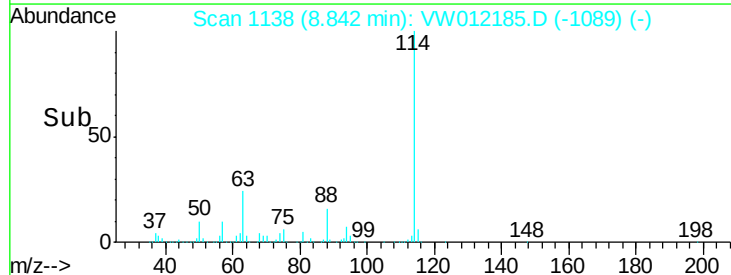
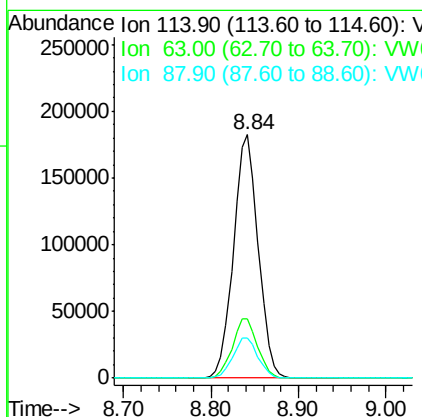
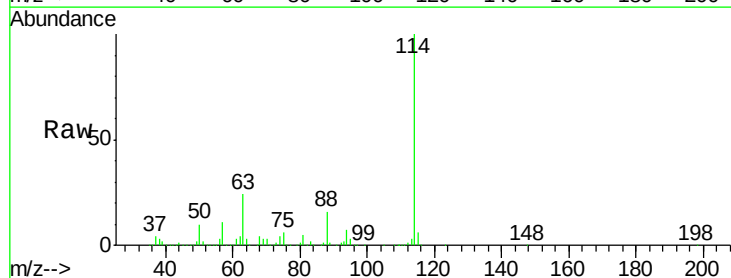
Instrument :
 MSVOA_W
 ClientSampleId :
 T1-S1-(2.5)

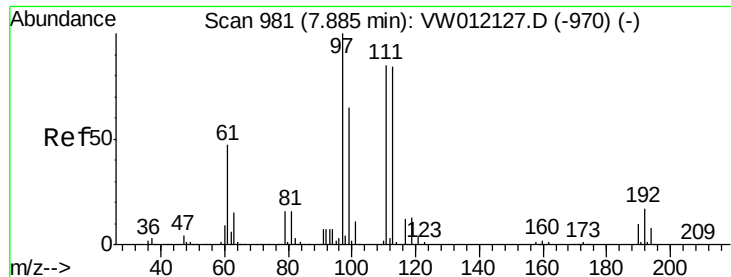
Tot Ion: 65 Resp: 139265
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW012185.D
 Acq: 26 Aug 2019 21:40

Tgt Ion: 114 Resp: 358070
 Ion Ratio Lower Upper
 114 100
 63 24.2 0.0 48.6
 88 16.4 0.0 32.2





#35

Dibromofluoromethane

Concen: 51.487 ug/l

RT: 7.88 min Scan# 980

Delta R.T. -0.01 min

Lab File: VW012185.D

Acq: 26 Aug 2019 21:40

Instrument :

MSVOA_W

ClientSampleId :

T1-S1-(2.5)

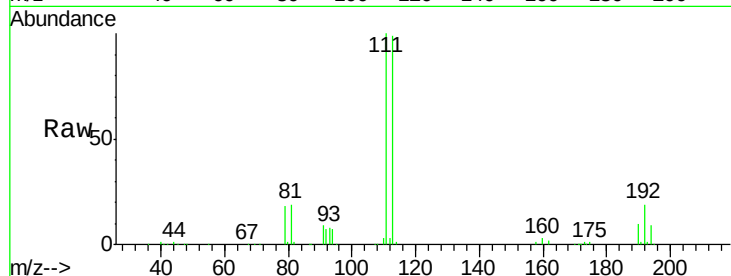
Tot Ion:113 Resp: 110044

Ion Ratio Lower Upper

113 100

111 102.6 82.7 124.1

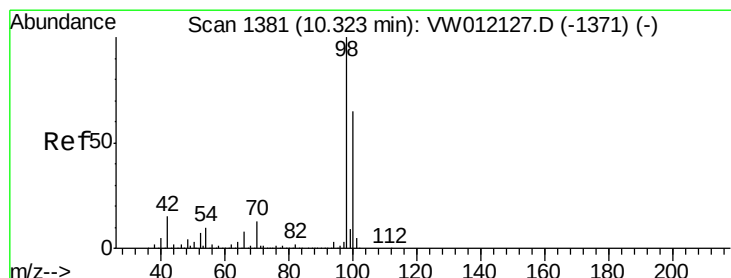
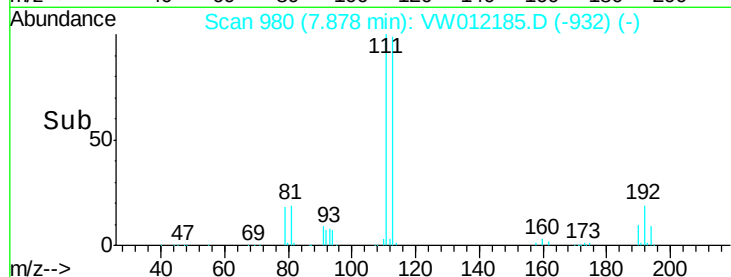
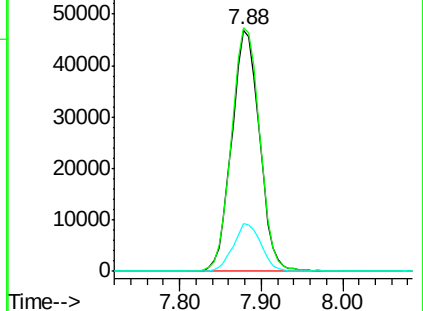
192 19.8 16.2 24.2



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: 51.134 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW012185.D

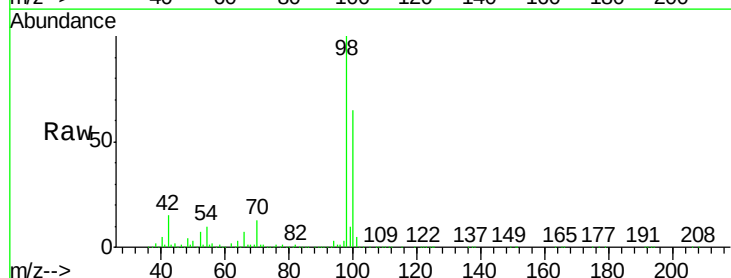
Acq: 26 Aug 2019 21:40

Tgt Ion: 98 Resp: 443139

Ion Ratio Lower Upper

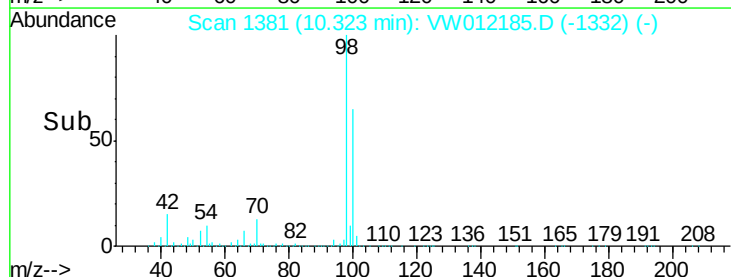
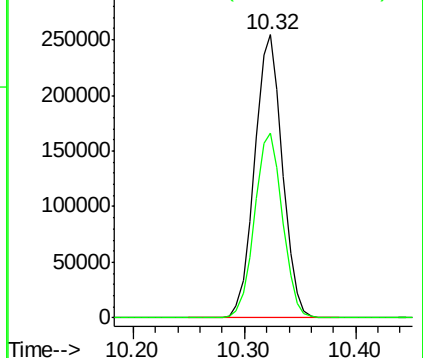
98 100

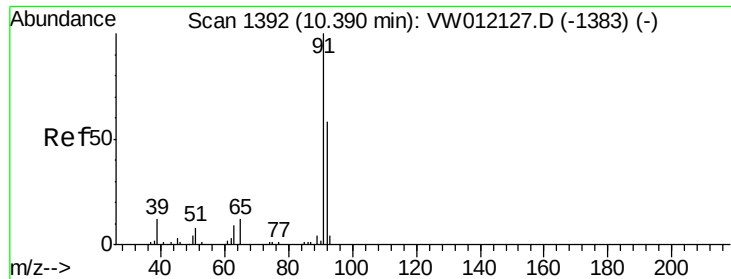
100 65.6 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW





#52

Toluene

Concen: 3.697 ug/l

RT: 10.38 min Scan# 1391

Delta R.T. -0.01 min

Lab File: VW012185.D

Acq: 26 Aug 2019 21:40

Instrument :

MSVOA_W

ClientSampleId :

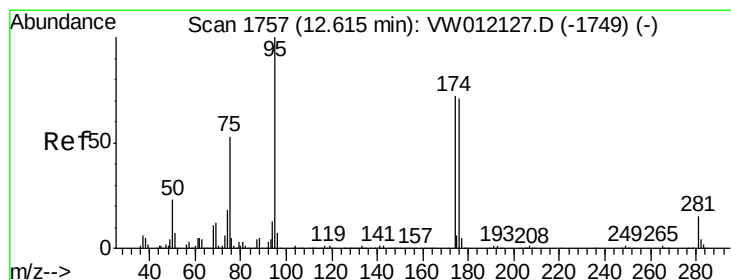
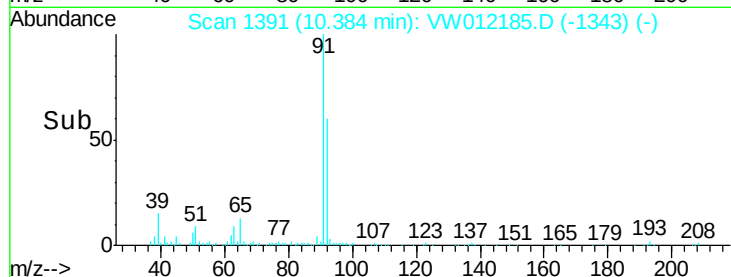
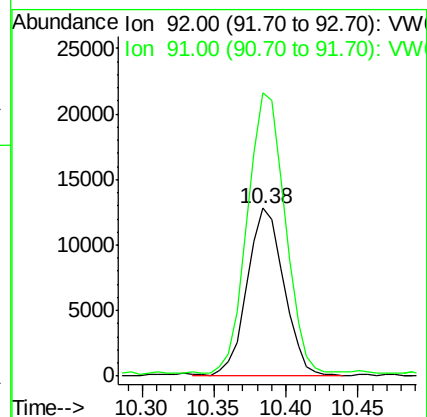
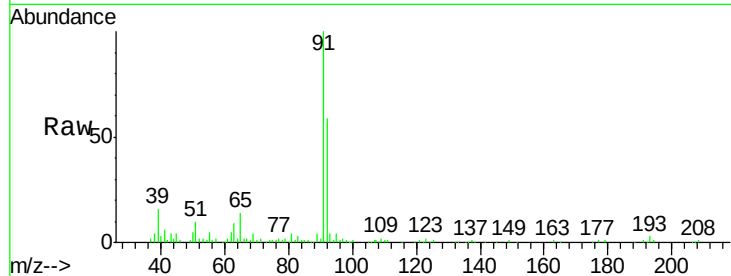
T1-S1-(2.5)

Tot Ion: 92 Resp: 22440

Ion Ratio Lower Upper

92 100

91 172.4 136.6 204.8



#62

4-Bromofluorobenzene

Concen: 57.148 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW012185.D

Acq: 26 Aug 2019 21:40

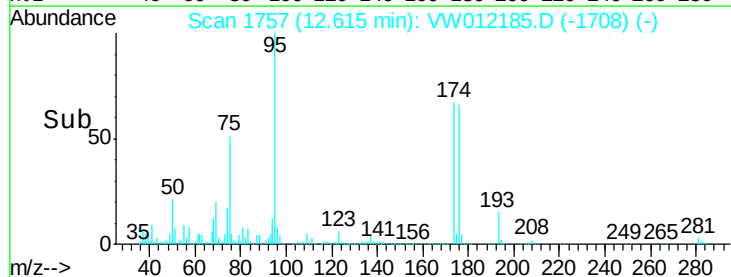
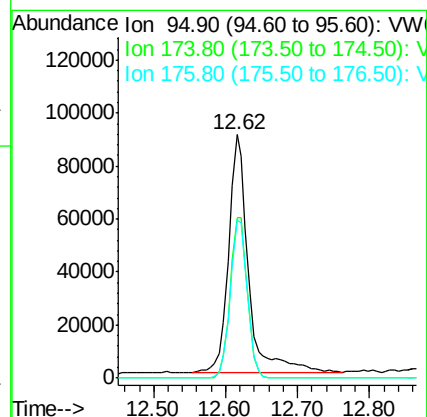
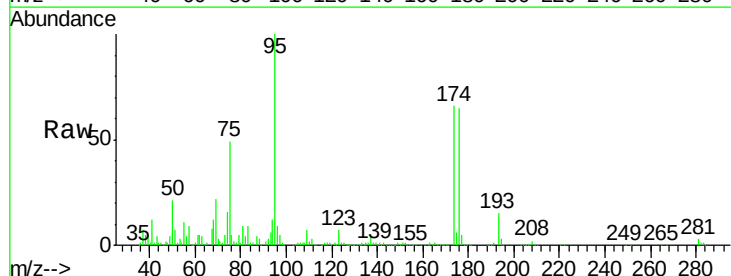
Tgt Ion: 95 Resp: 174579

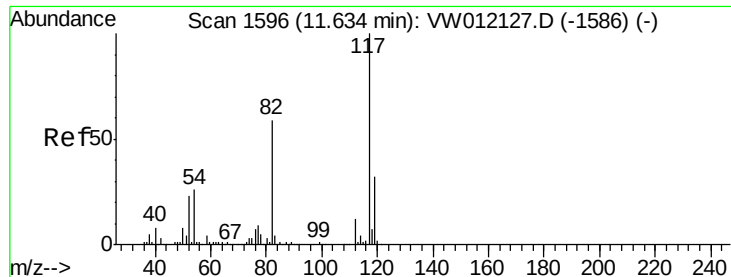
Ion Ratio Lower Upper

95 100

174 57.9 0.0 150.8

176 56.3 0.0 148.6

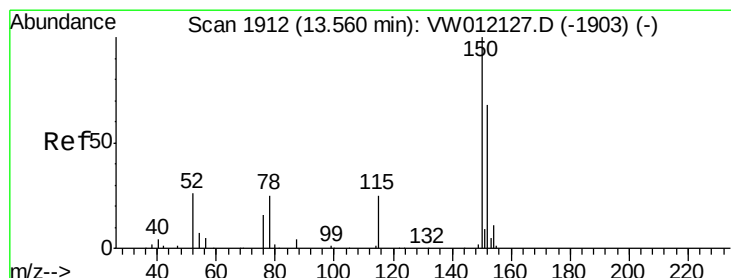
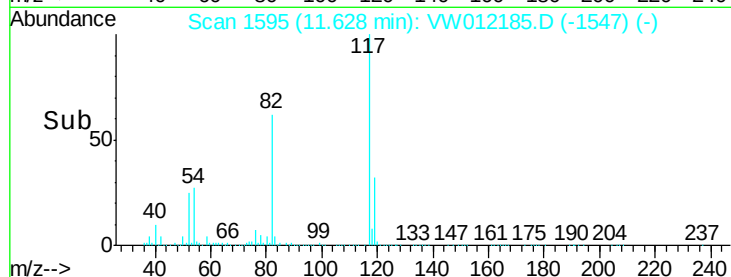
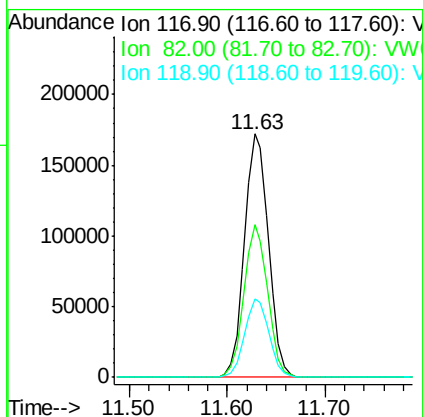
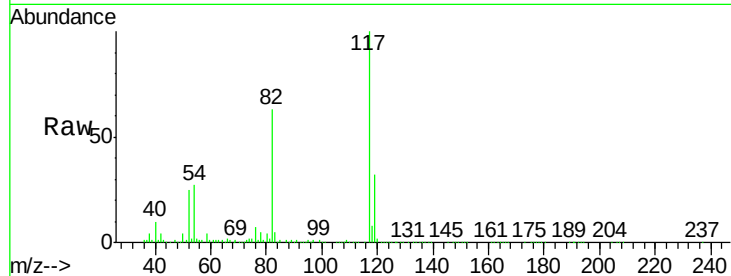




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.01 min
Lab File: VW012185.D
Acq: 26 Aug 2019 21:40

Instrument :
MSVOA_W
ClientSampleId :
T1-S1-(2.5)

Tot Ion:117 Resp: 292019
Ion Ratio Lower Upper
117 100
82 62.3 47.4 71.2
119 32.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.01 min
Lab File: VW012185.D
Acq: 26 Aug 2019 21:40

Tgt Ion:152 Resp: 111395
Ion Ratio Lower Upper
152 100
115 57.9 30.1 90.3
150 150.3 0.0 345.8

