

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082220\
 Data File : VW016306.D
 Acq On : 21 Aug 2020 15:20
 Operator : SY/VA
 Sample : L3747-01
 Misc : 5.29G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 340

Quant Time: Aug 22 06:36:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 17 08:01:41 2020
 Response via : Initial Calibration

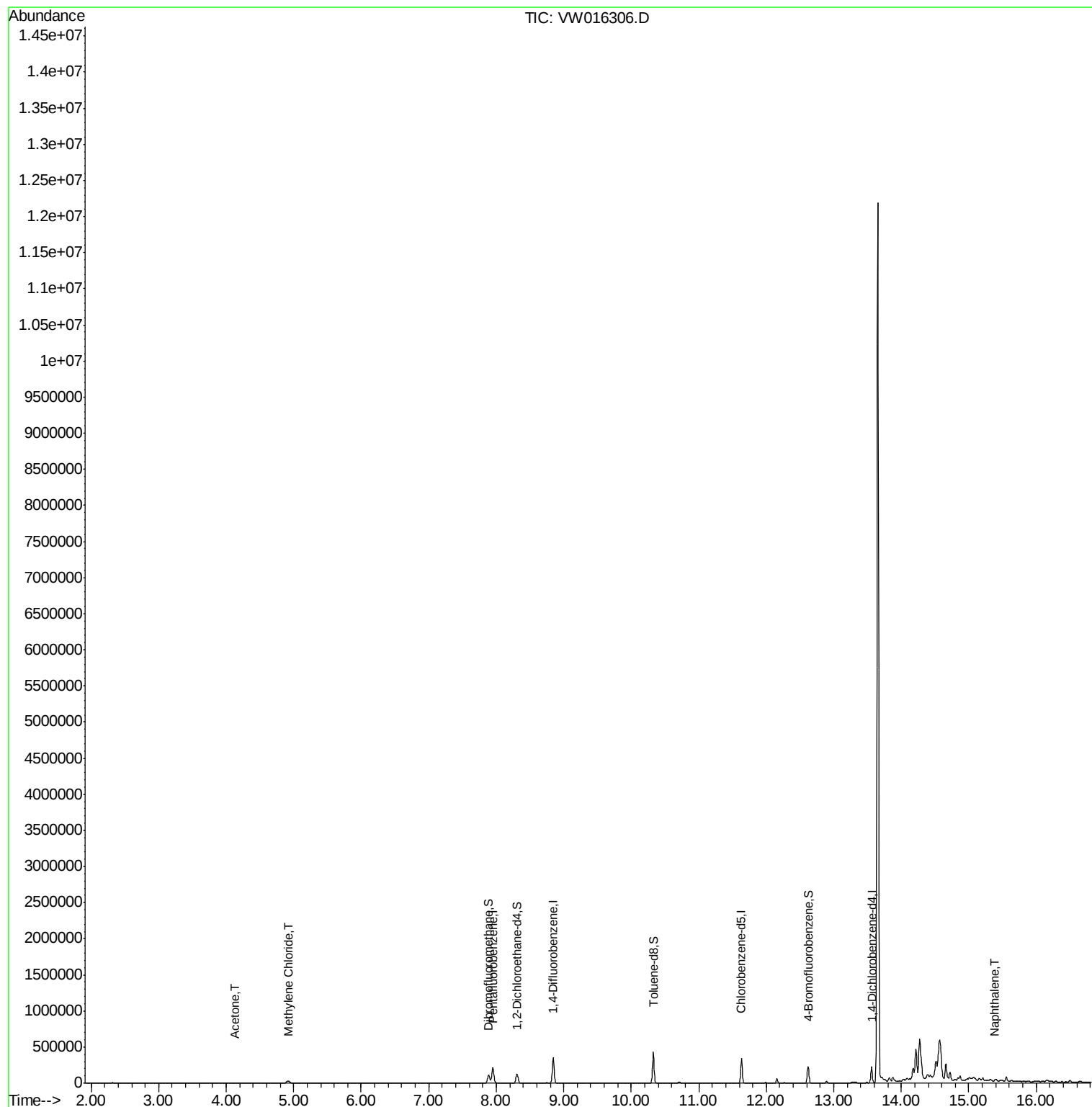
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	163305	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	309079	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	206746	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	58740	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	100419	63.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	126.12%	
35) Dibromofluoromethane	7.88	113	89463	46.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.82%	
50) Toluene-d8	10.32	98	307174	41.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.22%	
62) 4-Bromofluorobenzene	12.62	95	84420	31.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.98%	
Target Compounds						
16) Acetone	4.14	43	2241	7.346	ug/l	89
20) Methylene Chloride	4.92	84	27258	10.477	ug/l	90
95) Naphthalene	15.37	128	5471	5.928	ug/l #	95

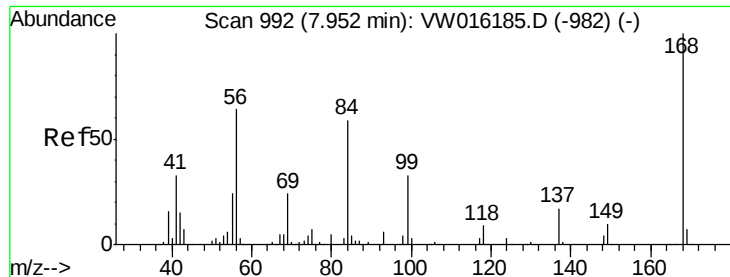
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW082220\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W081420S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 17 08:01:41 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW016306.D

Acq: 21 Aug 2020 15:20

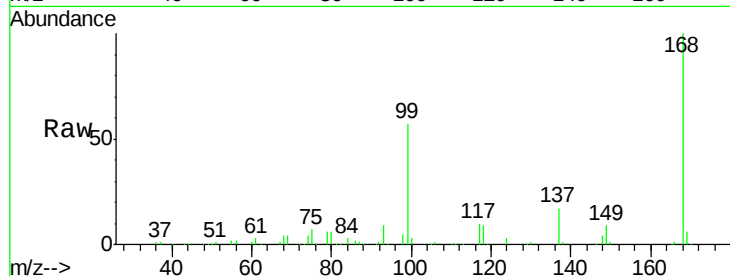
Instrument :
MSVOA_W
ClientSampled :
340

Tot Ion:168 Resp: 163305

Ion Ratio Lower Upper

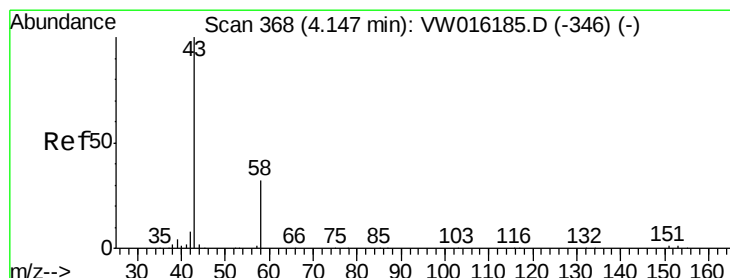
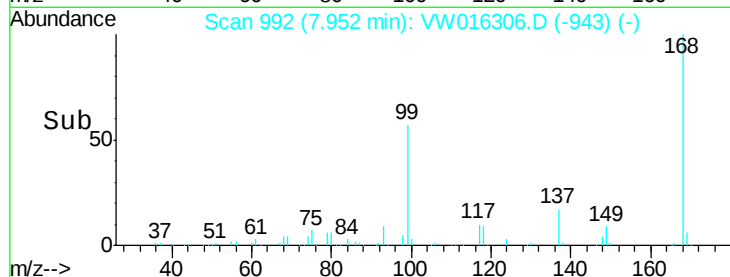
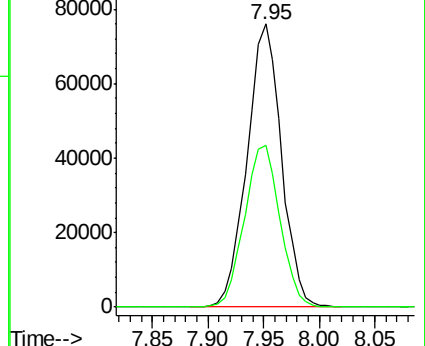
168 100

99 57.3 48.3 72.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#16

Acetone

Concen: 7.346 ug/l

RT: 4.14 min Scan# 367

Delta R.T. -0.01 min

Lab File: VW016306.D

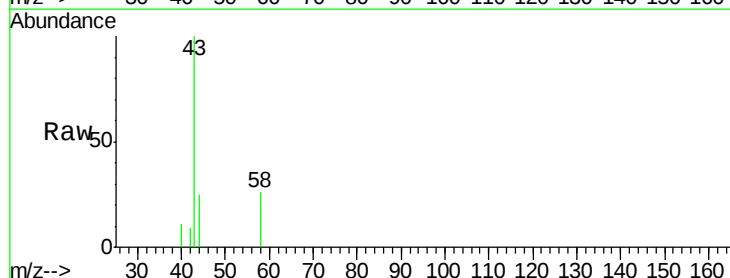
Acq: 21 Aug 2020 15:20

Tgt Ion: 43 Resp: 2241

Ion Ratio Lower Upper

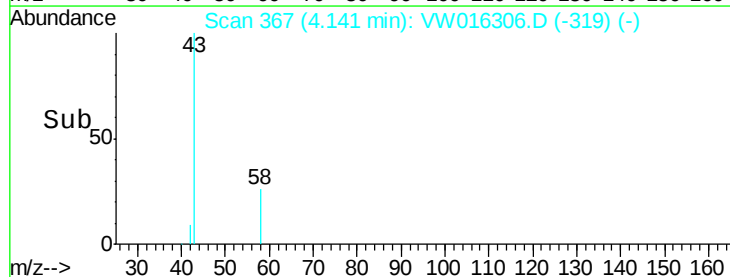
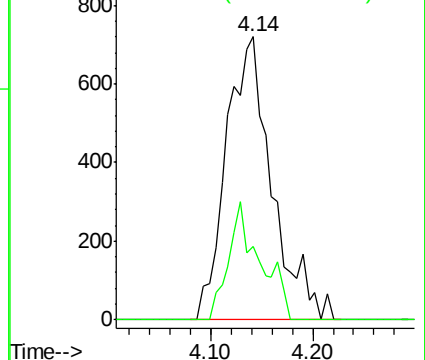
43 100

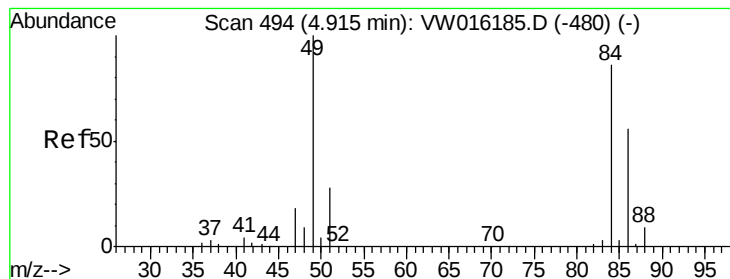
58 26.0 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW





#20

Methylene Chloride

Concen: 10.477 ug/l

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW016306.D

Acq: 21 Aug 2020 15:20

Instrument :
MSVOA_W
ClientSampleId :
340

Tot Ion: 84 Resp: 27258

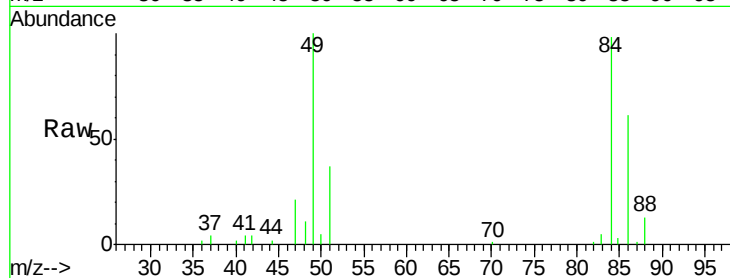
Ion Ratio Lower Upper

84 100

49 101.6 93.4 140.2

51 37.6 26.6 40.0

86 61.5 52.2 78.2



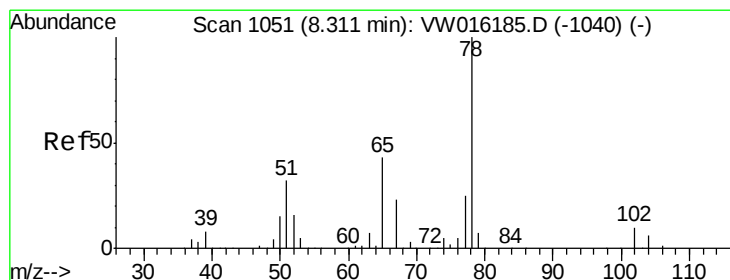
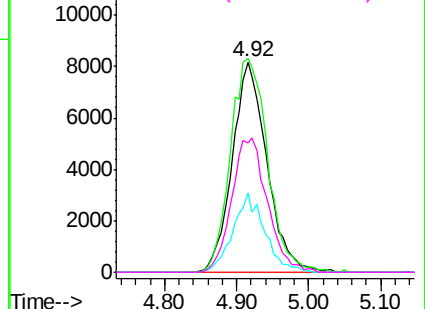
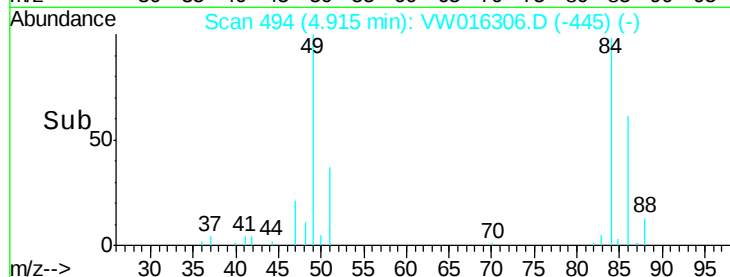
Abundance

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



#33

1,2-Dichloroethane-d4

Concen: 63.056 ug/l

RT: 8.31 min Scan# 1050

Delta R.T. -0.01 min

Lab File: VW016306.D

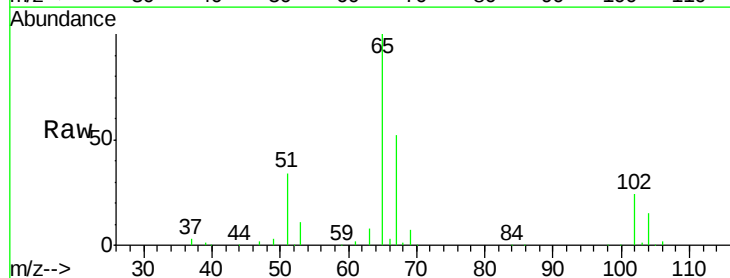
Acq: 21 Aug 2020 15:20

Tgt Ion: 65 Resp: 100419

Ion Ratio Lower Upper

65 100

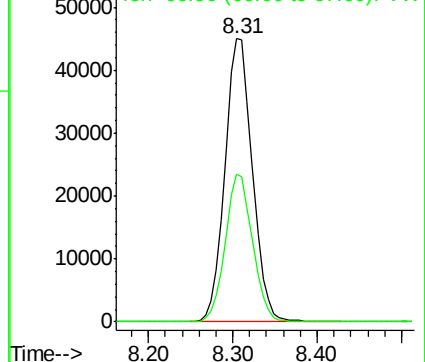
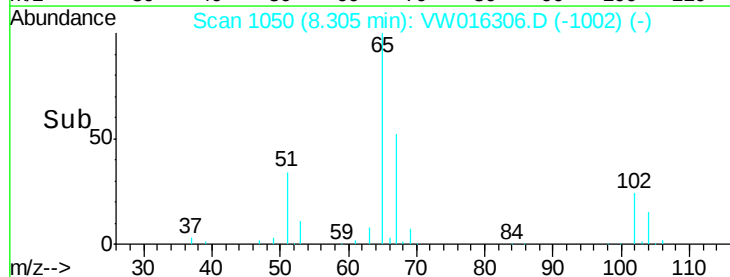
67 51.8 0.0 105.6

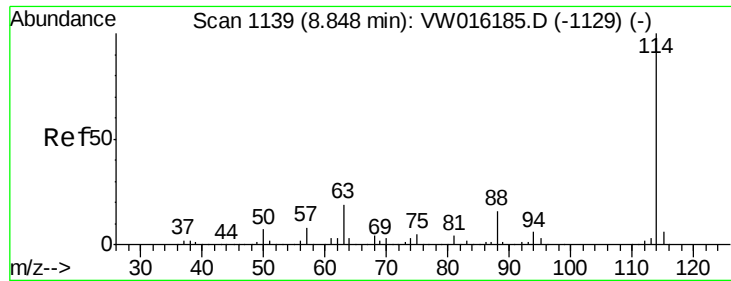


Abundance

Ion 64.90 (64.60 to 65.60): VW

Ion 66.90 (66.60 to 67.60): VW

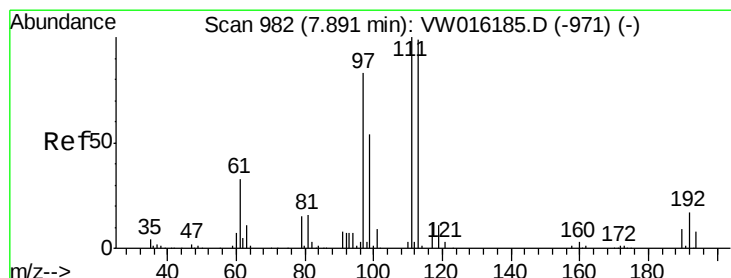
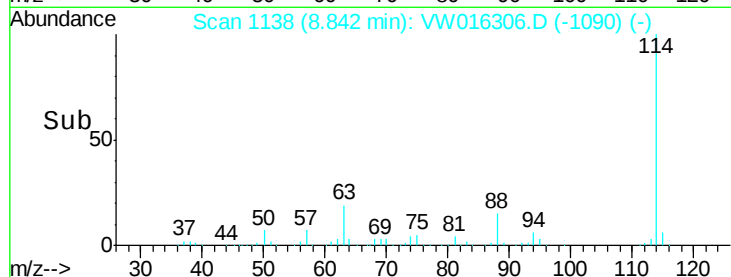
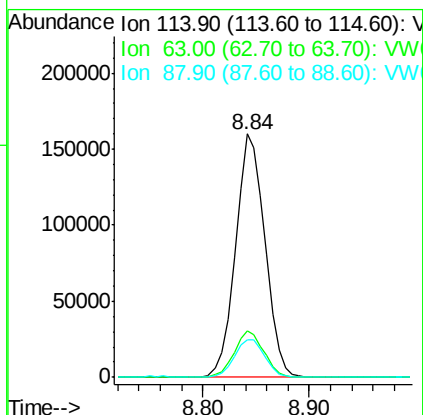
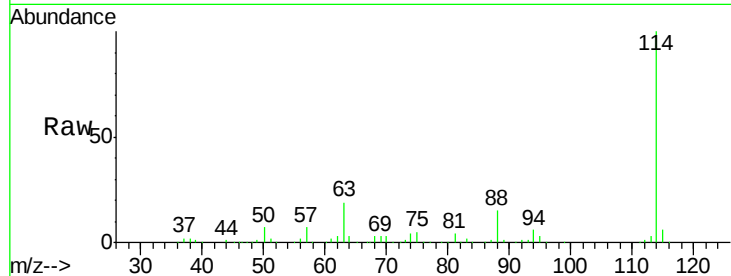




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.01 min
Lab File: VW016306.D
Acq: 21 Aug 2020 15:20

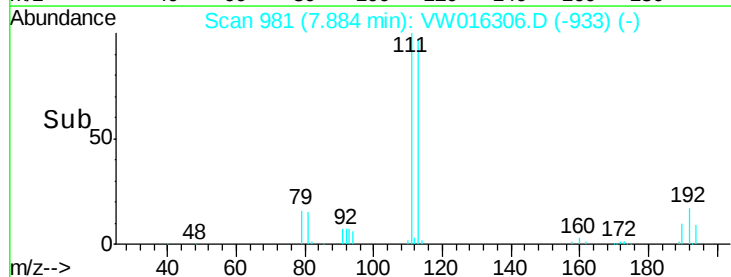
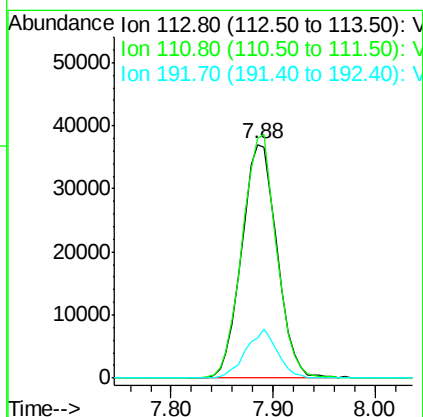
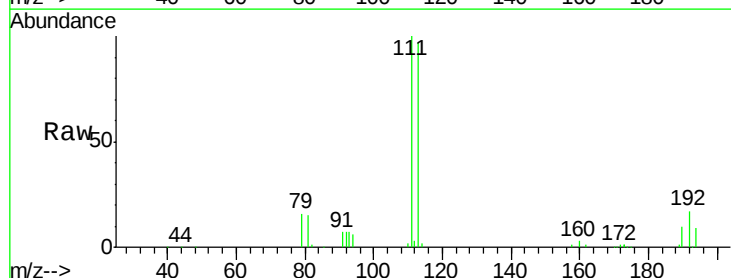
Instrument :
MSVOA_W
ClientSampleId :
340

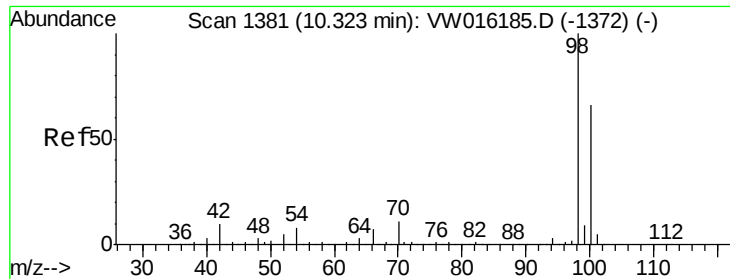
Tot Ion:114 Resp: 309079
Ion Ratio Lower Upper
114 100
63 19.3 0.0 38.4
88 15.4 0.0 32.8



#35
Dibromofluoromethane
Concen: 46.912 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.01 min
Lab File: VW016306.D
Acq: 21 Aug 2020 15:20

Tgt Ion:113 Resp: 89463
Ion Ratio Lower Upper
113 100
111 101.7 83.5 125.3
192 18.8 14.3 21.5





#50

Toluene-d8

Concen: 41.612 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. 0.00 min

Lab File: VW016306.D

Acq: 21 Aug 2020 15:20

Instrument :

MSVOA_W

ClientSampleId :

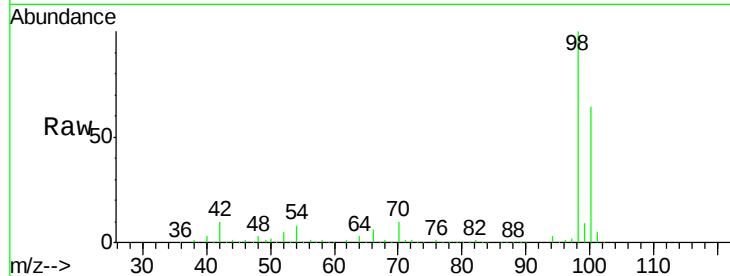
340

Tot Ion: 98 Resp: 307174

Ion Ratio Lower Upper

98 100

100 65.5 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW

10.32

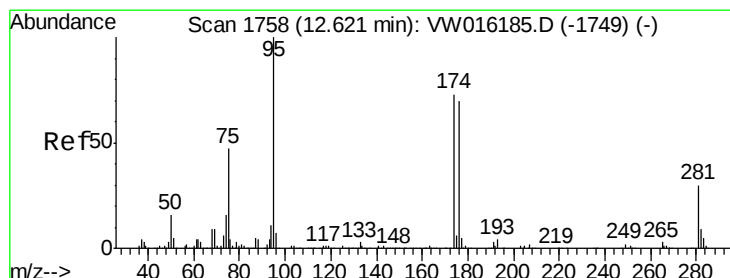
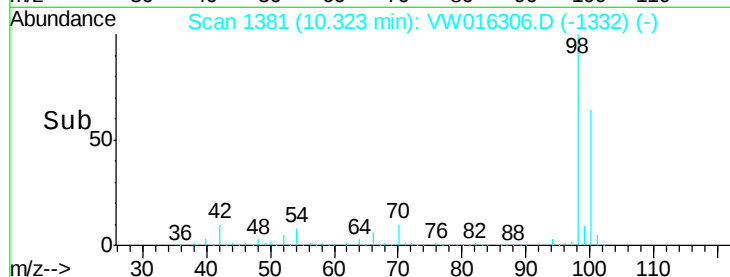
150000

100000

50000

0

Time--> 10.20 10.30 10.40



#62

4-Bromofluorobenzene

Concen: 31.993 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW016306.D

Acq: 21 Aug 2020 15:20

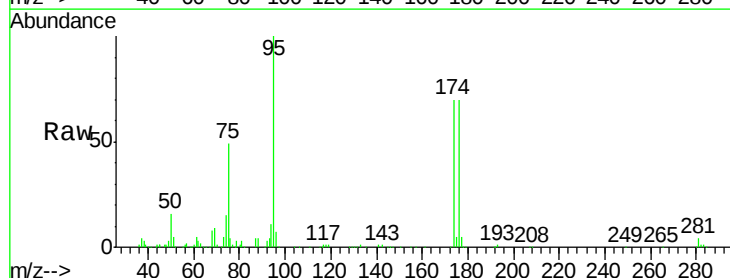
Tgt Ion: 95 Resp: 84420

Ion Ratio Lower Upper

95 100

174 72.1 0.0 145.6

176 70.5 0.0 137.8



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

12.62

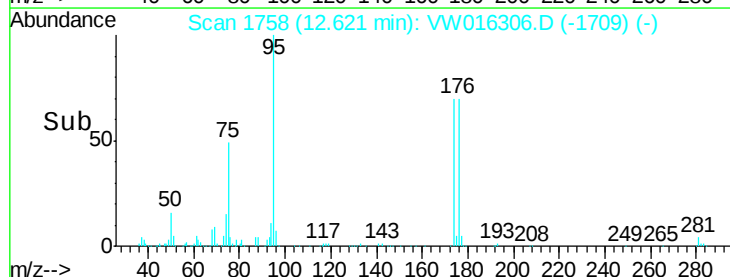
60000

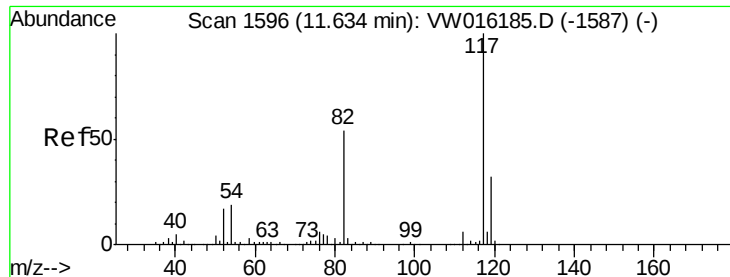
40000

20000

0

Time--> 12.50 12.60 12.70

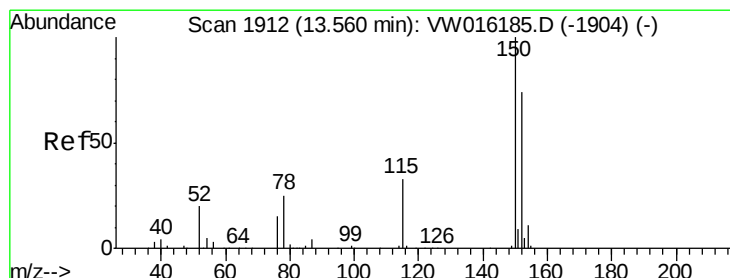
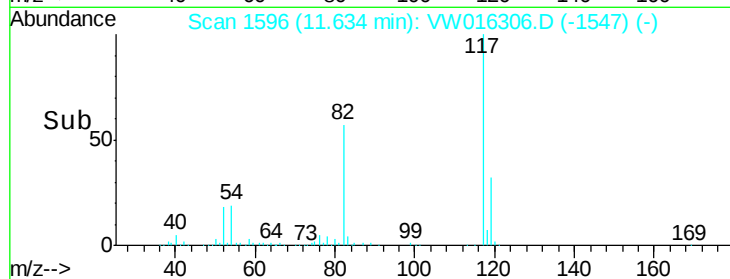
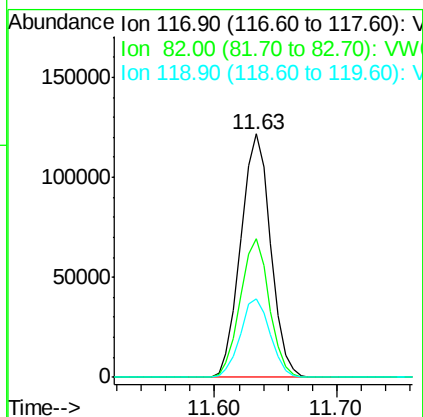
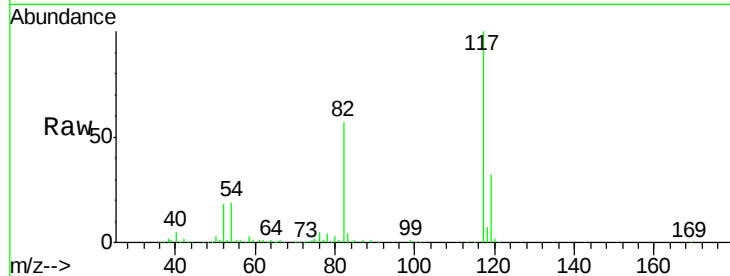




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW016306.D
Acq: 21 Aug 2020 15:20

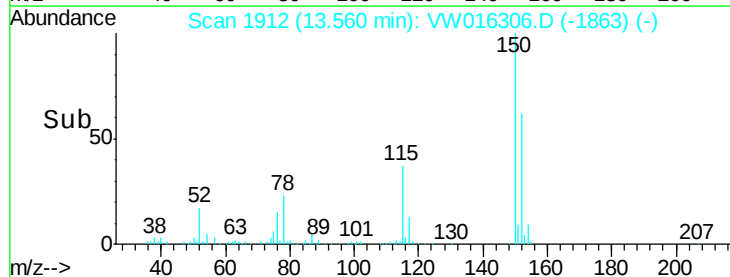
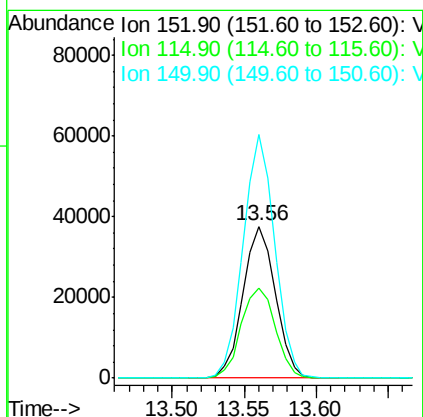
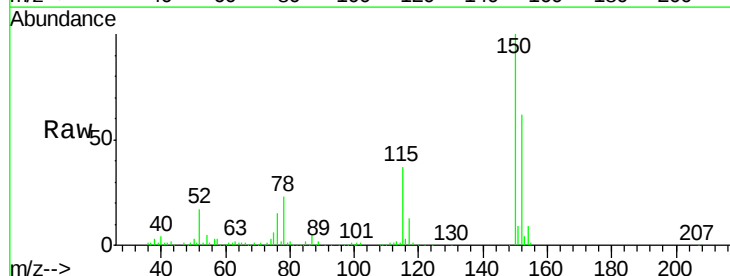
Instrument :
MSVOA_W
ClientSampleId :
340

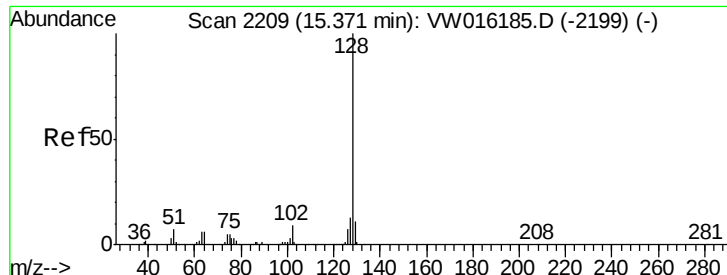
Tot Ion:117 Resp: 206746
Ion Ratio Lower Upper
117 100
82 56.9 43.6 65.4
119 32.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW016306.D
Acq: 21 Aug 2020 15:20

Tgt Ion:152 Resp: 58740
Ion Ratio Lower Upper
152 100
115 62.3 30.9 92.5
150 155.8 0.0 337.8





#95

Naphthalene

Concen: 5.928 ug/l

RT: 15.37 min Scan# 2209

Delta R.T. 0.00 min

Lab File: VW016306.D

Acq: 21 Aug 2020 15:20

Instrument :

MSVOA_W

ClientSampleId :

340

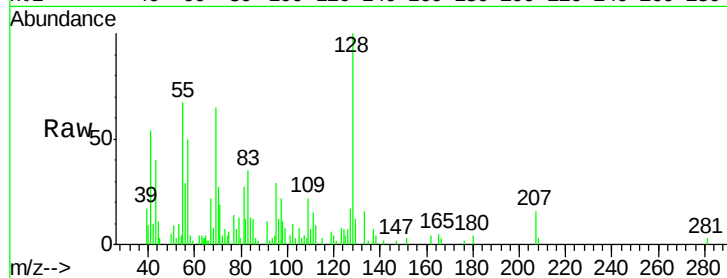
Tot Ion:128 Resp: 5471

Ion Ratio Lower Upper

128 100

127 13.9 10.2 15.4

129 13.6 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

