

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092319\
 Data File : VW013232.D
 Acq On : 23 Sep 2019 15:38
 Operator : SY/VA
 Sample : K4918-08RE
 Misc : 3.47G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SB-9RE

Quant Time: Sep 24 07:28:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092019S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 20 15:58:08 2019
 Response via : Initial Calibration

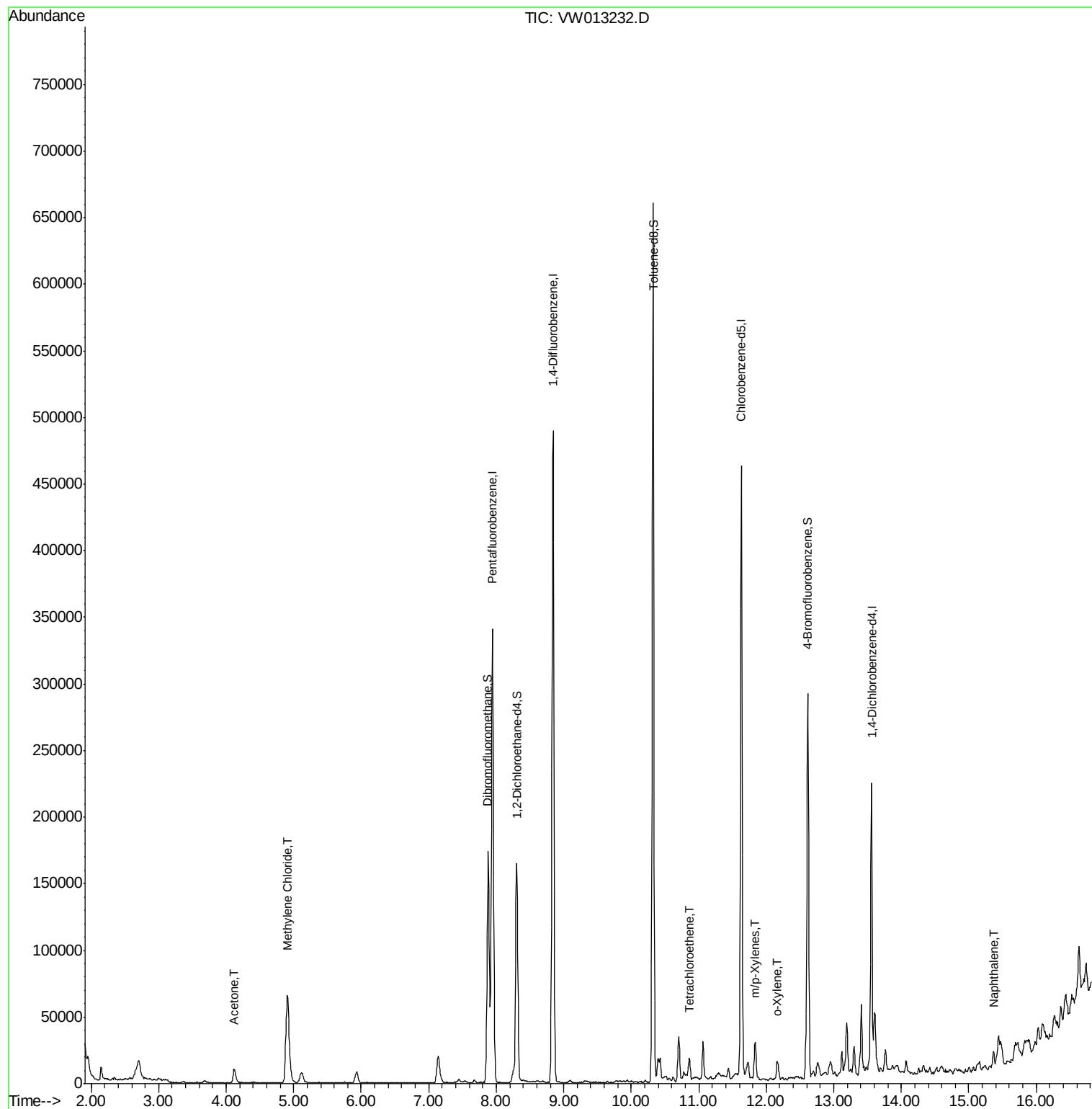
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	290577	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	436642	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	268306	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	60777	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	127898	53.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.86%	
35) Dibromofluoromethane	7.88	113	126137	52.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.04%	
50) Toluene-d8	10.32	98	441308	43.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.82%	
62) 4-Bromofluorobenzene	12.62	95	90443	26.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	52.68%	
Target Compounds						
16) Acetone	4.12	43	19661	36.763	ug/l	99
20) Methylene Chloride	4.91	84	58165	19.493	ug/l	93
64) Tetrachloroethene	10.86	164	3475	1.707	ug/l	90
68) m/p-Xylenes	11.83	106	9098	2.352	ug/l	98
69) o-Xylene	12.16	106	3869	1.076	ug/l	80
95) Naphthalene	15.36	128	10270	4.947	ug/l #	95

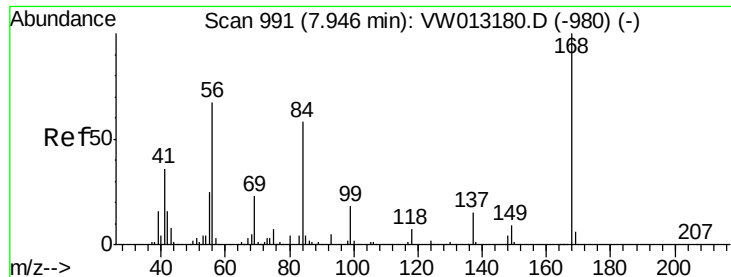
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Sep 20 15:58:08 2019
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: VW013232.D

Acq: 23 Sep 2019 15:38

Instrument :

MSVOA_W

ClientSampleId :

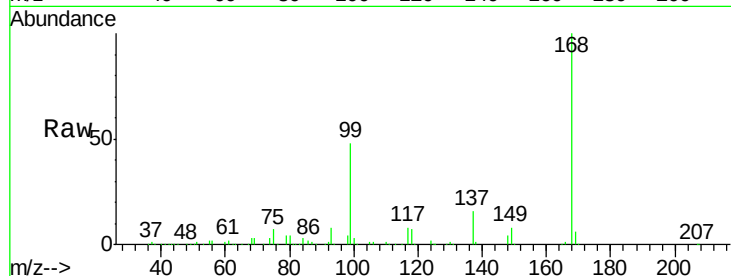
SB-9RE

Tot Ion:168 Resp: 290577

Ion Ratio Lower Upper

168 100

99 48.3 40.2 60.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

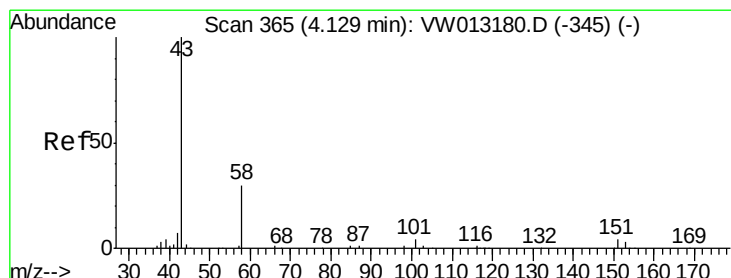
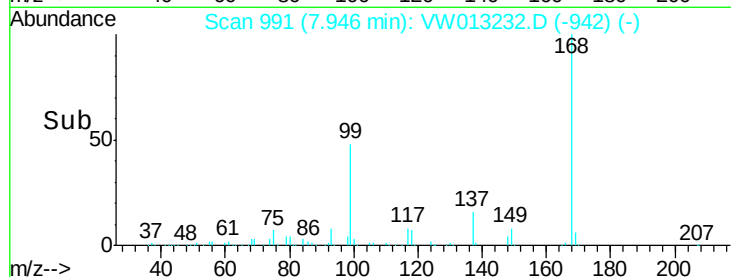
150000

100000

50000

0

Time--> 7.80 7.90 8.00 8.10



#16

Acetone

Concen: 36.763 ug/l

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW013232.D

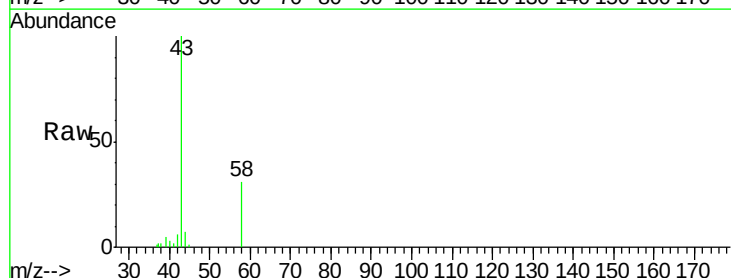
Acq: 23 Sep 2019 15:38

Tgt Ion: 43 Resp: 19661

Ion Ratio Lower Upper

43 100

58 30.7 24.1 36.1



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

4.12

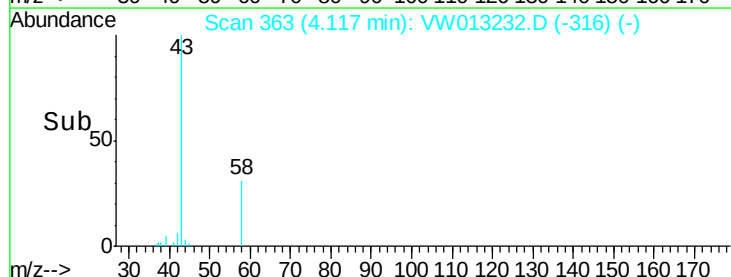
6000

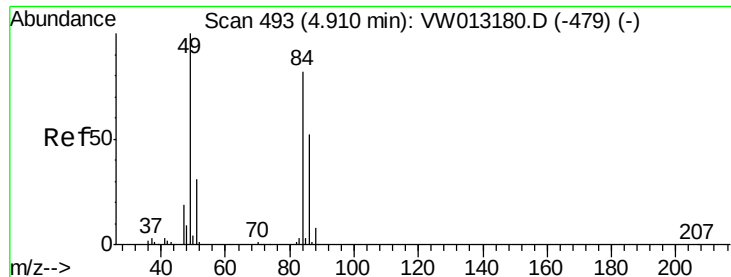
4000

2000

0

Time--> 4.00 4.10 4.20

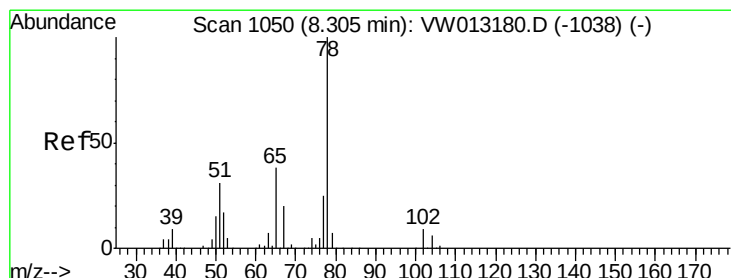
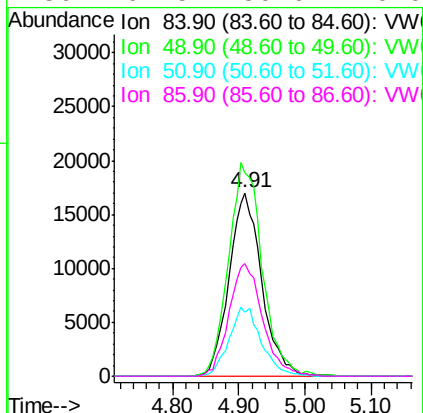
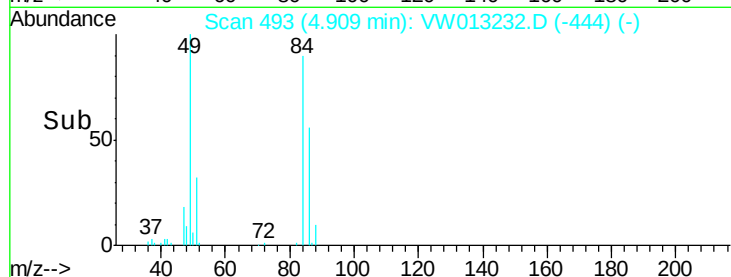
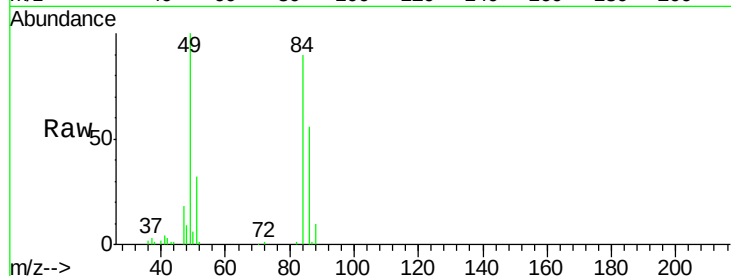




#20
Methylene Chloride
Concen: 19.493 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW013232.D
Acq: 23 Sep 2019 15:38

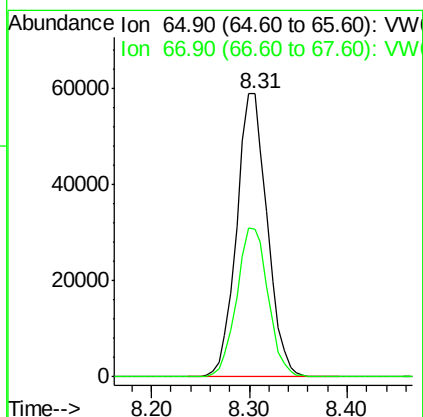
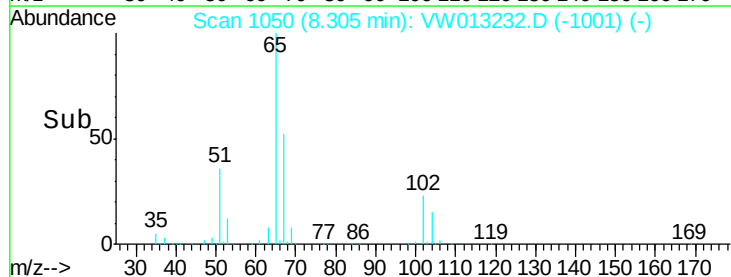
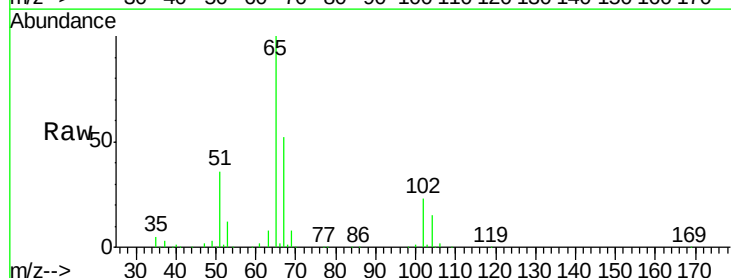
Instrument :
MSVOA_W
ClientSampleId :
SB-9RE

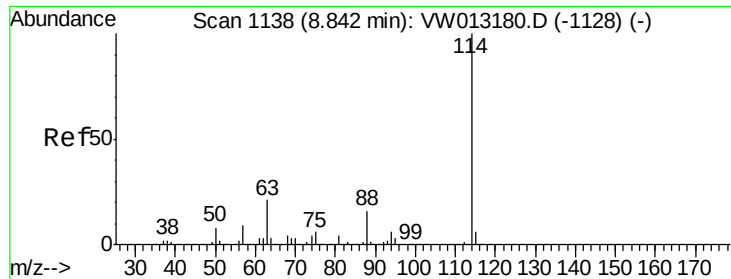
Tot Ion: 84 Resp: 58165
Ion Ratio Lower Upper
84 100
49 110.7 97.6 146.4
51 35.1 30.2 45.2
86 61.5 50.6 76.0



#33
1,2-Dichloroethane-d4
Concen: 53.931 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW013232.D
Acq: 23 Sep 2019 15:38

Tgt Ion: 65 Resp: 127898
Ion Ratio Lower Upper
65 100
67 53.7 0.0 106.2

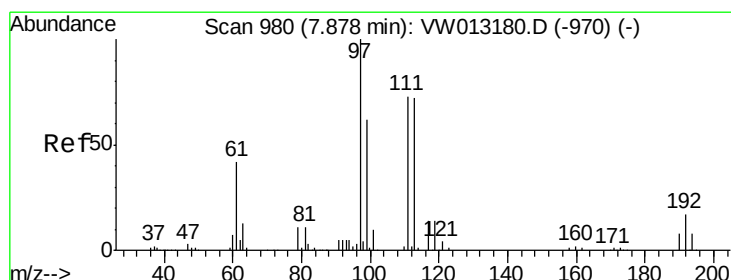
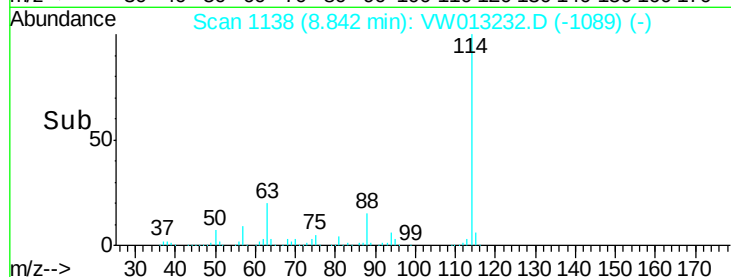
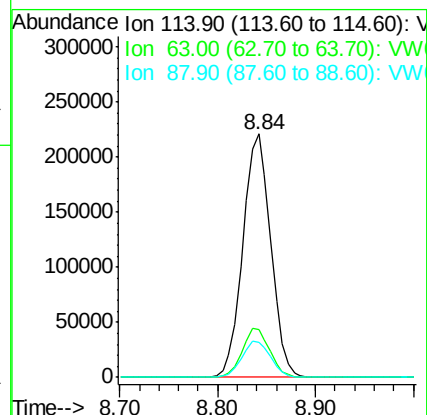
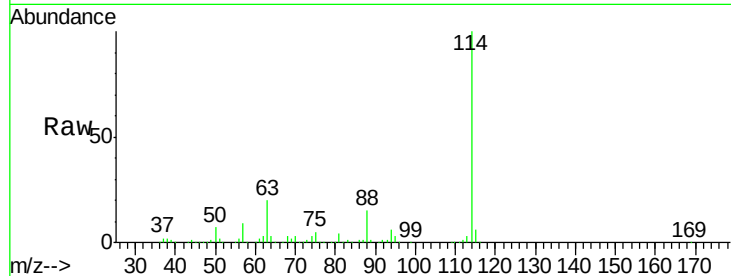




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW013232.D
 Acq: 23 Sep 2019 15:38

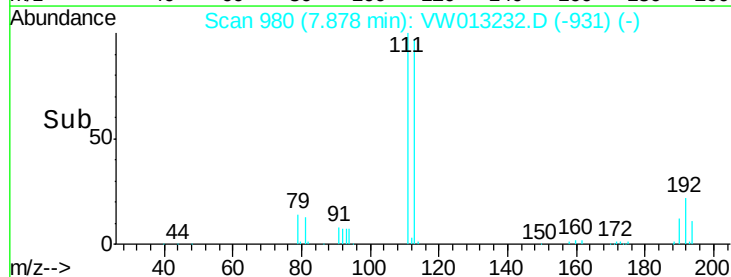
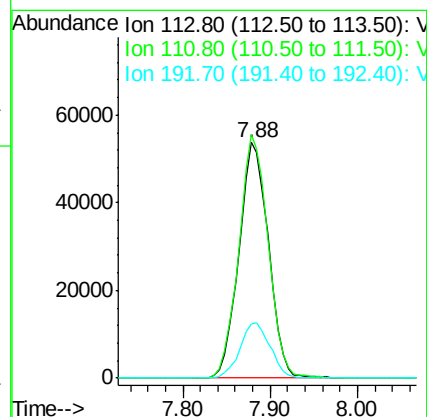
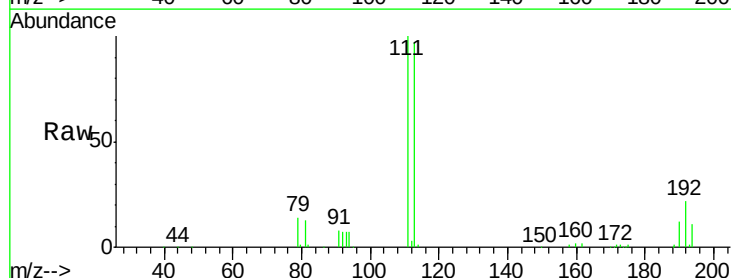
Instrument :
 MSVOA_W
 ClientSampleId :
 SB-9RE

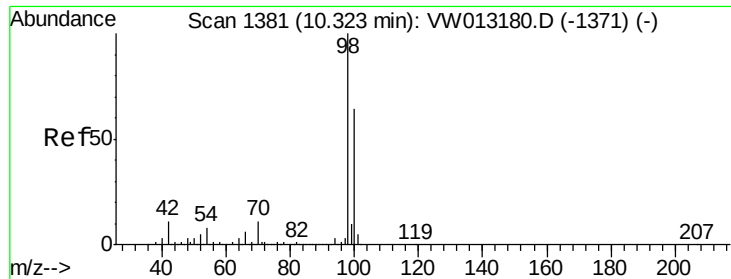
Tot Ion:114 Resp: 436642
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 41.4
 88 14.6 0.0 32.0



#35
 Dibromofluoromethane
 Concen: 52.524 ug/l
 RT: 7.88 min Scan# 980
 Delta R.T. -0.00 min
 Lab File: VW013232.D
 Acq: 23 Sep 2019 15:38

Tgt Ion:113 Resp: 126137
 Ion Ratio Lower Upper
 113 100
 111 102.6 81.9 122.9
 192 23.9 19.1 28.7





#50

Toluene-d8

Concen: 43.908 ug/l

RT: 10.32 min Scan# 1381

Delta R.T. -0.00 min

Lab File: VW013232.D

Acq: 23 Sep 2019 15:38

Instrument :

MSVOA_W

ClientSampleId :

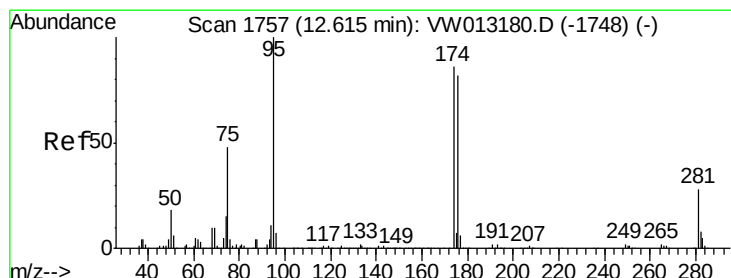
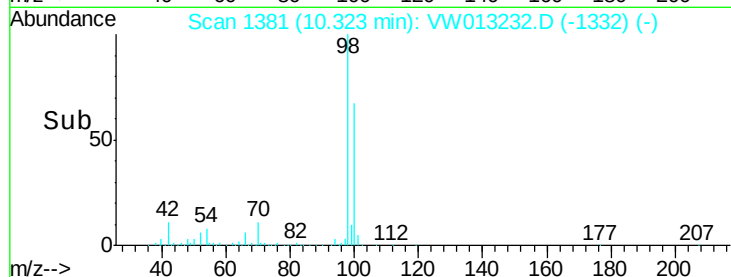
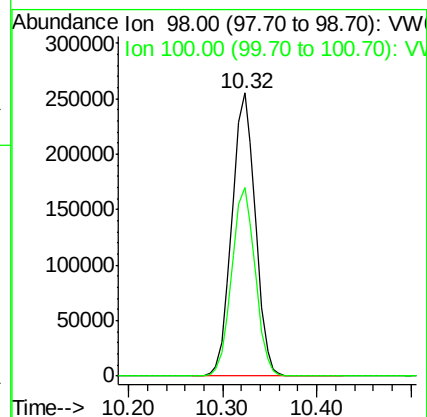
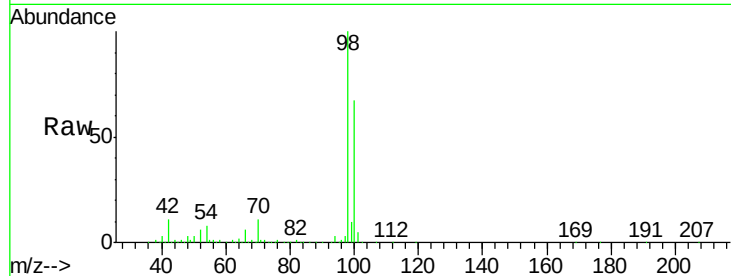
SB-9RE

Tot Ion: 98 Resp: 441308

Ion Ratio Lower Upper

98 100

100 66.4 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 26.343 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VW013232.D

Acq: 23 Sep 2019 15:38

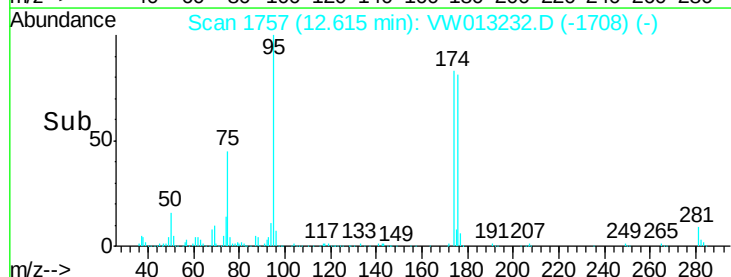
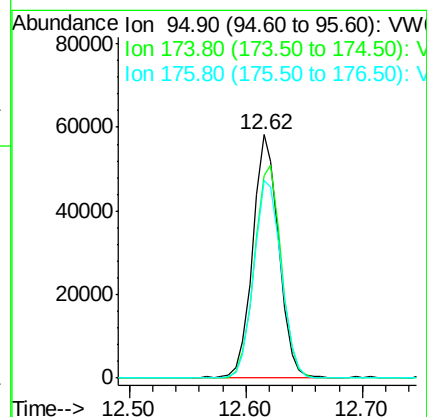
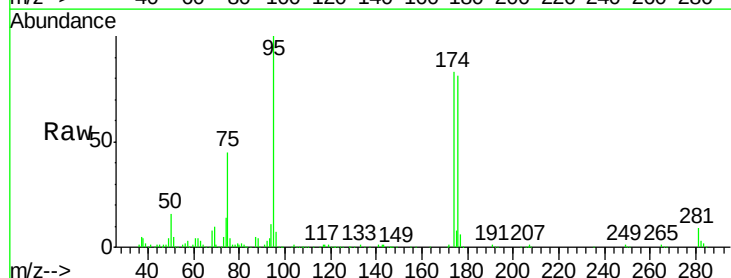
Tgt Ion: 95 Resp: 90443

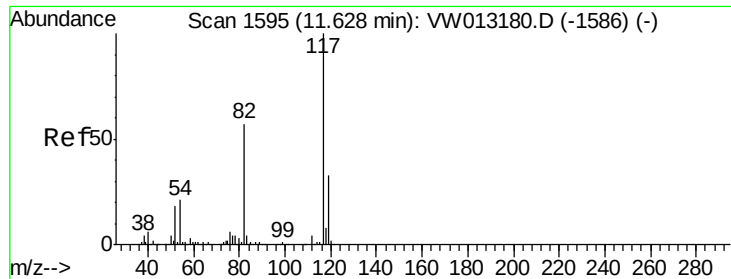
Ion Ratio Lower Upper

95 100

174 90.6 0.0 178.4

176 86.3 0.0 172.2

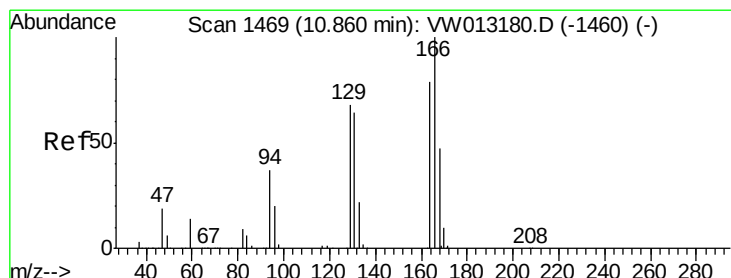
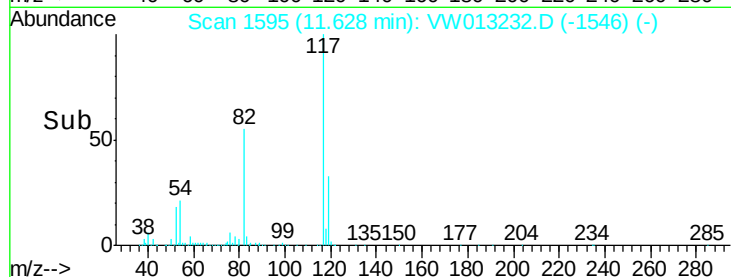
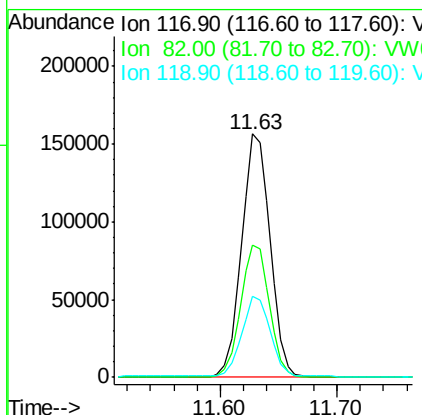
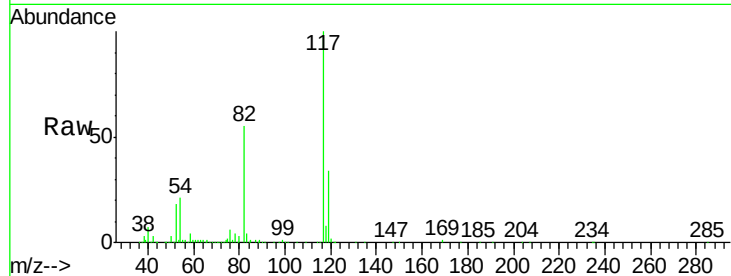




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW013232.D
Acq: 23 Sep 2019 15:38

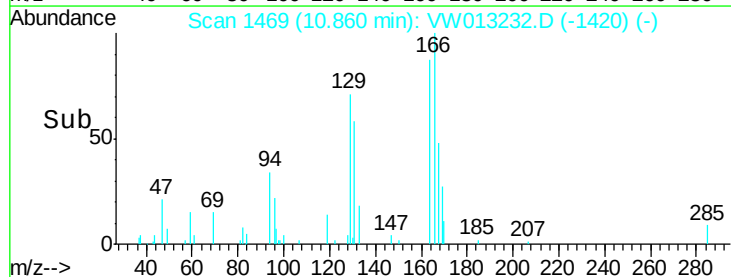
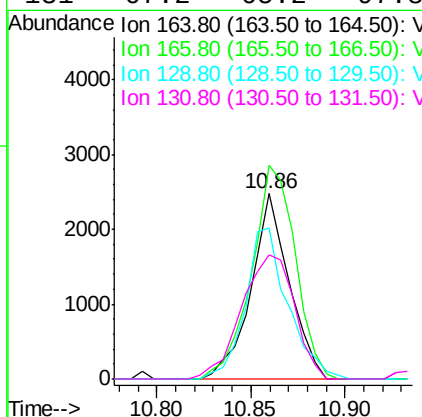
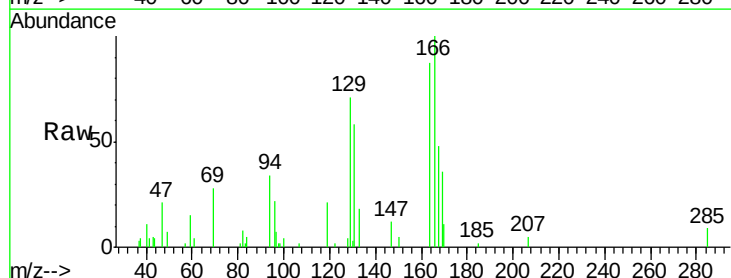
Instrument :
MSVOA_W
ClientSampleId :
SB-9RE

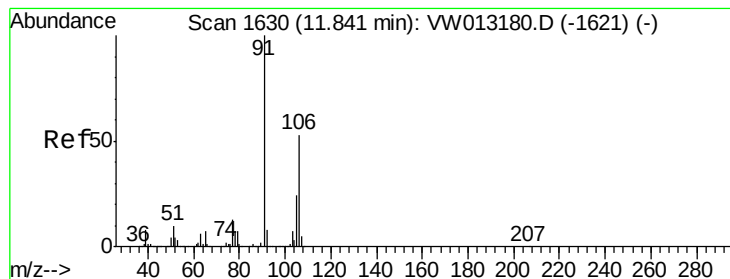
Tot Ion:117 Resp: 268306
Ion Ratio Lower Upper
117 100
82 54.5 45.9 68.9
119 33.2 26.2 39.2



#64
Tetrachloroethene
Concen: 1.707 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW013232.D
Acq: 23 Sep 2019 15:38

Tgt Ion:164 Resp: 3475
Ion Ratio Lower Upper
164 100
166 115.1 101.2 151.8
129 81.5 68.8 103.2
131 67.2 65.2 97.8





#68

m/p-Xylenes

Concen: 2.352 ug/l

RT: 11.83 min Scan# 1628

Delta R.T. -0.01 min

Lab File: VW013232.D

Acq: 23 Sep 2019 15:38

Instrument :

MSVOA_W

ClientSampled :

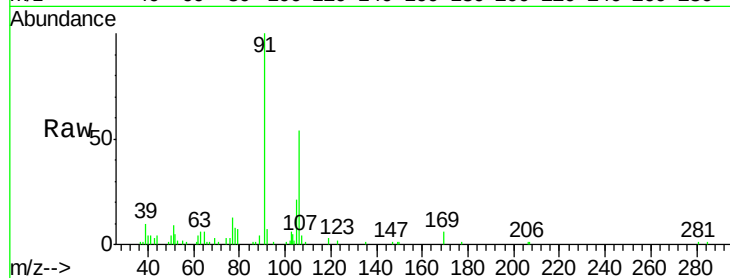
SB-9RE

Tot Ion:106 Resp: 9098

Ion Ratio Lower Upper

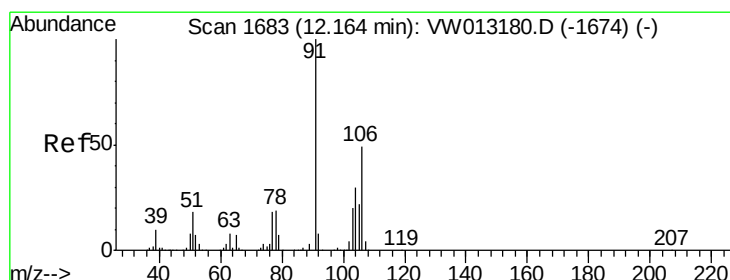
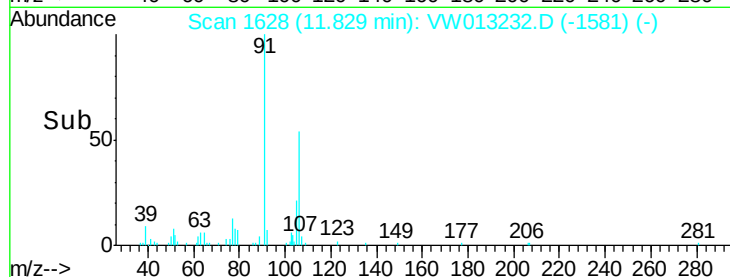
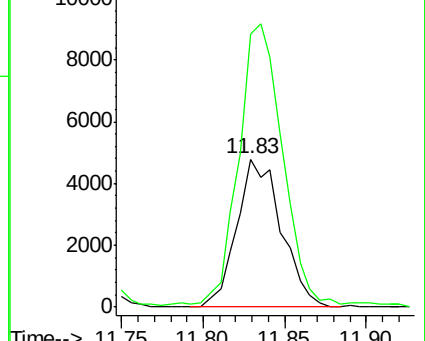
106 100

91 193.9 157.9 236.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



#69

o-Xylene

Concen: 1.076 ug/l

RT: 12.16 min Scan# 1682

Delta R.T. -0.01 min

Lab File: VW013232.D

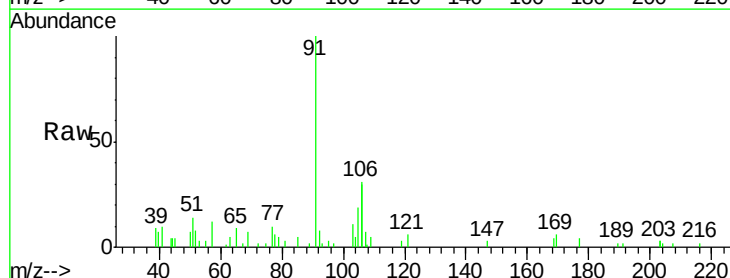
Acq: 23 Sep 2019 15:38

Tgt Ion:106 Resp: 3869

Ion Ratio Lower Upper

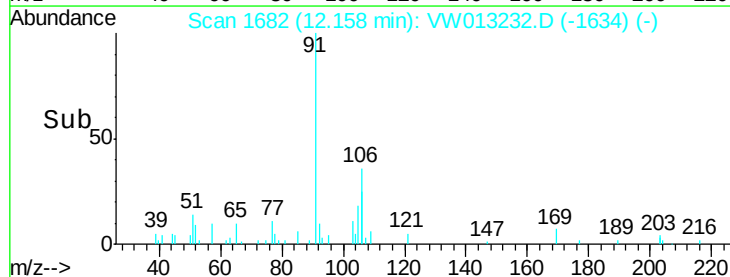
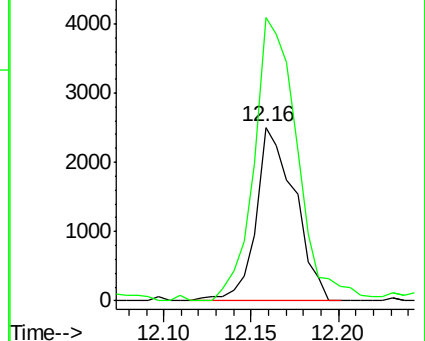
106 100

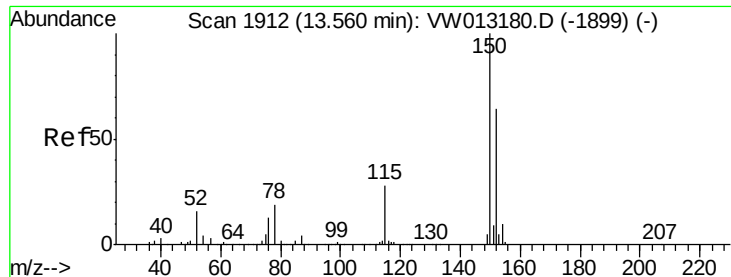
91 181.1 106.5 319.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VW



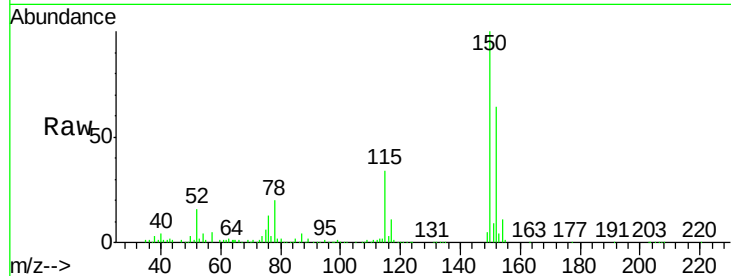


#72

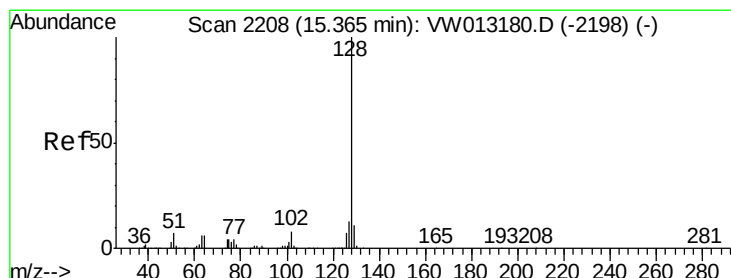
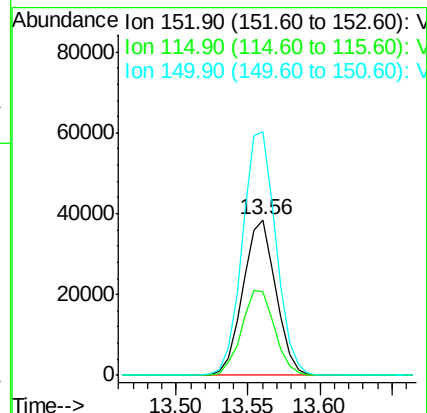
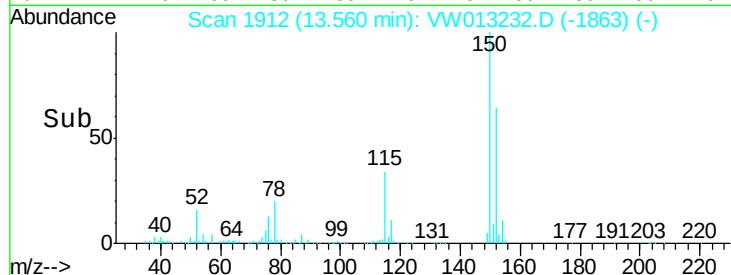
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW013232.D
Acq: 23 Sep 2019 15:38

Instrument :
MSVOA_W
ClientSampleId :
SB-9RE

Tot Ion:152 Resp: 60777
Ion Ratio Lower Upper
152 100
115 55.2 27.3 81.9
150 159.9 0.0 349.0



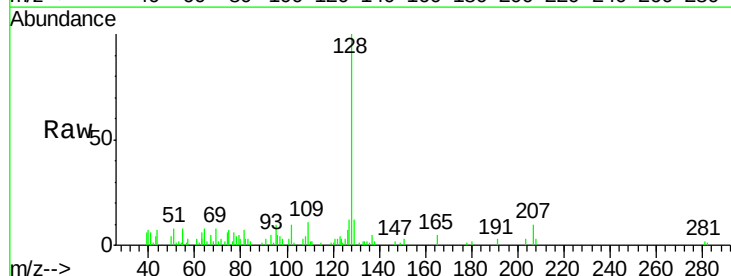
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene
Concen: 4.947 ug/l
RT: 15.36 min Scan# 2208
Delta R.T. -0.00 min
Lab File: VW013232.D
Acq: 23 Sep 2019 15:38

Tgt Ion:128 Resp: 10270
Ion Ratio Lower Upper
128 100
127 16.3 10.6 15.8#
129 11.6 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

