

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081420\
 Data File : VD066239.D
 Acq On : 14 Aug 2020 16:26
 Operator : VA/SY
 Sample : L3679-09
 Misc : 6.95G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S409-K-SO-1-1.5-081220

Quant Time: Aug 17 09:26:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	325636	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	508228	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	599076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	315764	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	132090	45.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.94%	
35) Dibromofluoromethane	7.91	113	152621	47.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.80%	
50) Toluene-d8	10.34	98	621944	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	
62) 4-Bromofluorobenzene	12.63	95	298319	69.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	139.32%	

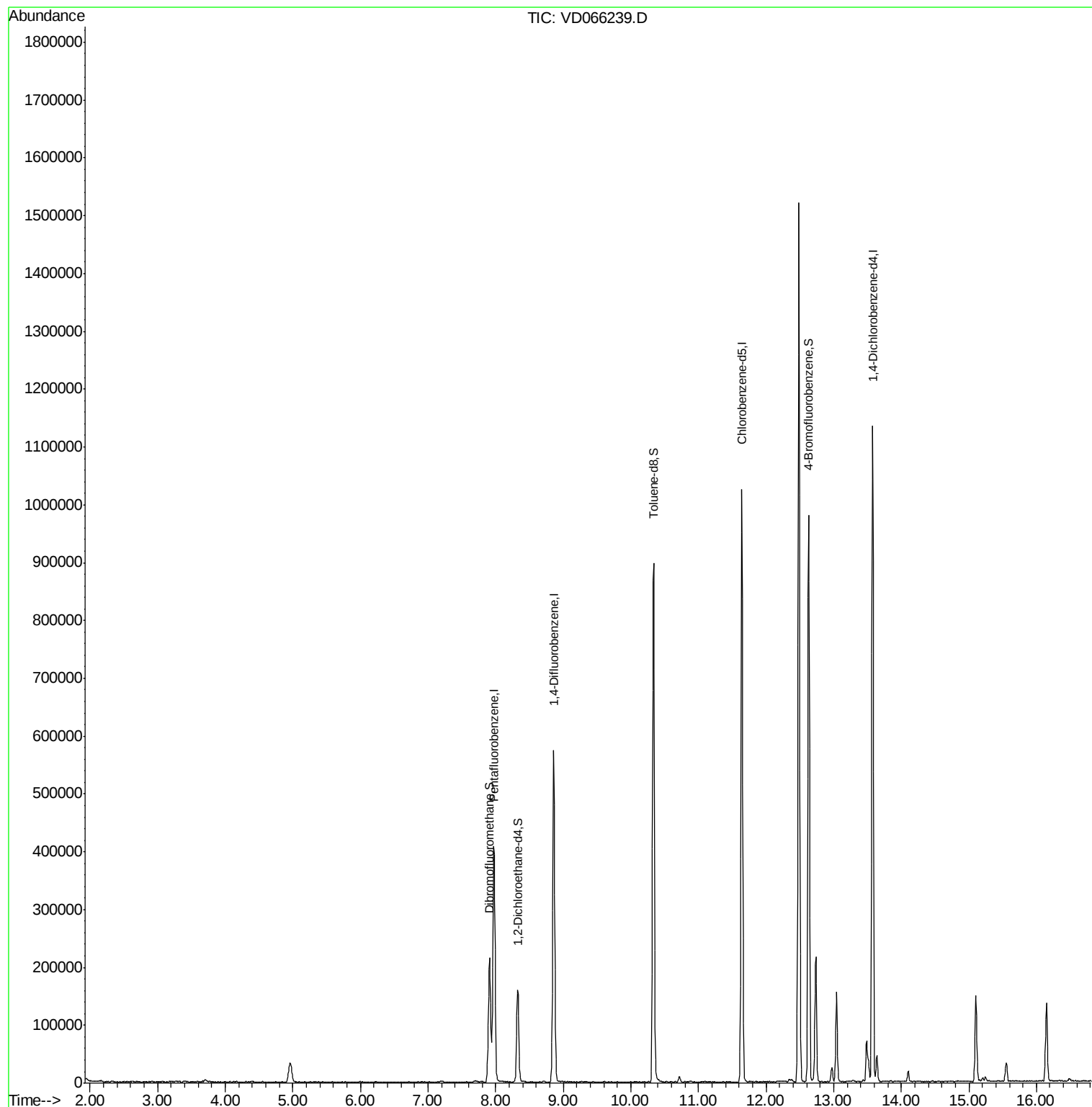
Target Compounds	Qvalue

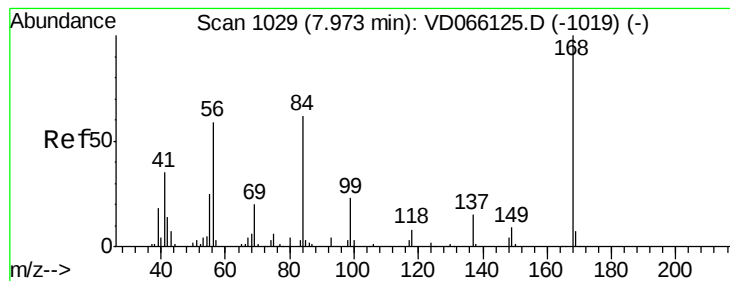
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081420\
Data File : VD066239.D
Acq On : 14 Aug 2020 16:26
Operator : VA/SY
Sample : L3679-09
Misc : 6.95G/5.00ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
S409-K-SO-1-1.5-081220

Quant Time: Aug 17 09:26:19 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VD066239.D

Acq: 14 Aug 2020 16:26

Instrument :

MSVOA_D

ClientSampleId :

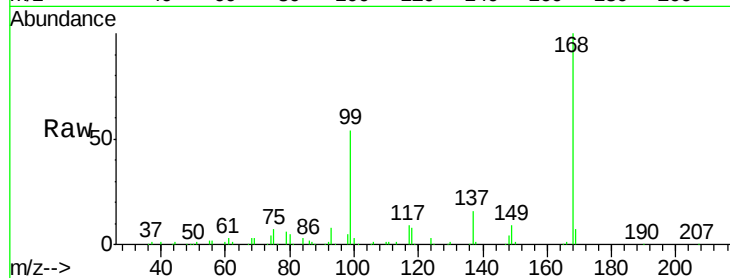
S409-K-SO-1-1.5-081220

Tot Ion:168 Resp: 325636

Ion Ratio Lower Upper

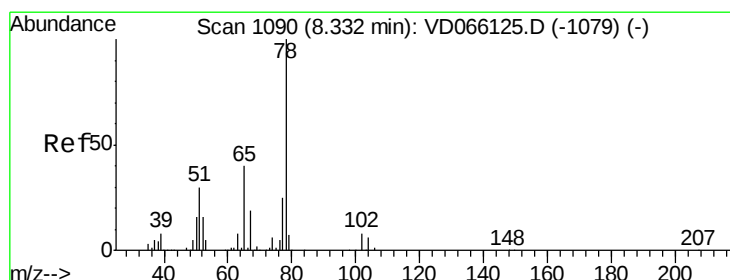
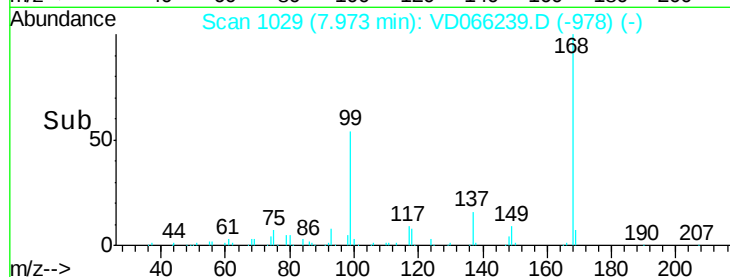
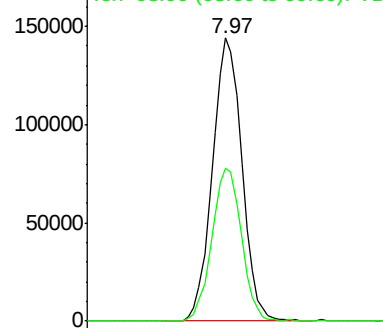
168 100

99 53.8 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 45.467 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066239.D

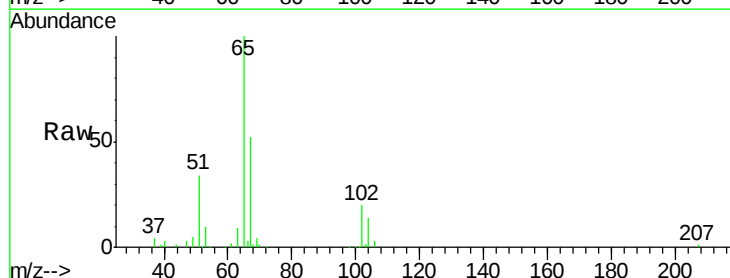
Acq: 14 Aug 2020 16:26

Tgt Ion: 65 Resp: 132090

Ion Ratio Lower Upper

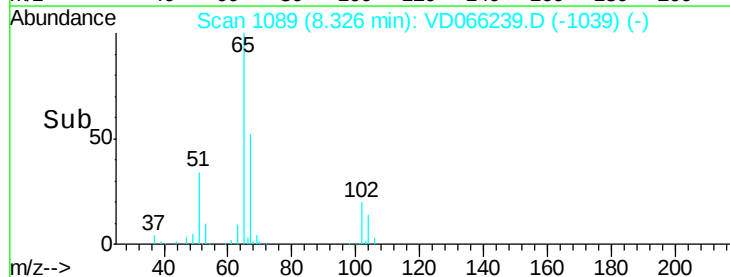
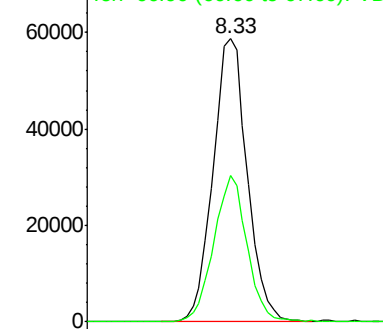
65 100

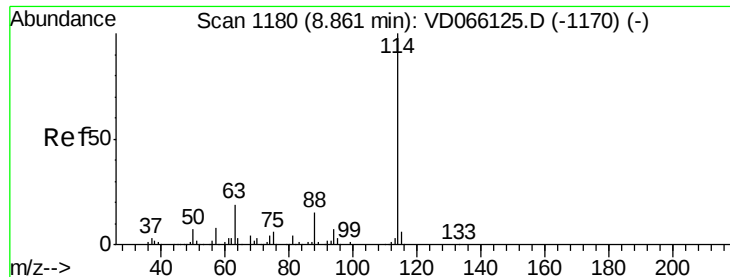
67 50.2 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VD066239.D

Acq: 14 Aug 2020 16:26

Instrument :

MSVOA_D

ClientSampleId :

S409-K-SO-1-1.5-081220

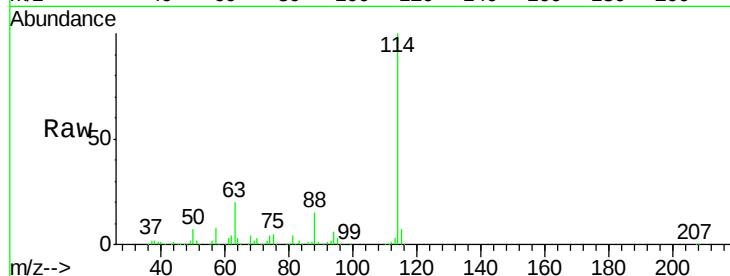
Tot Ion:114 Resp: 508228

Ion Ratio Lower Upper

114 100

63 20.3 0.0 38.6

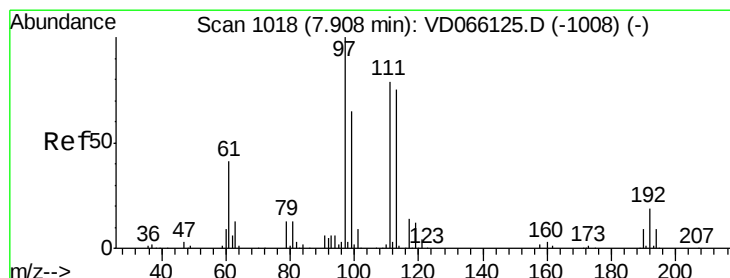
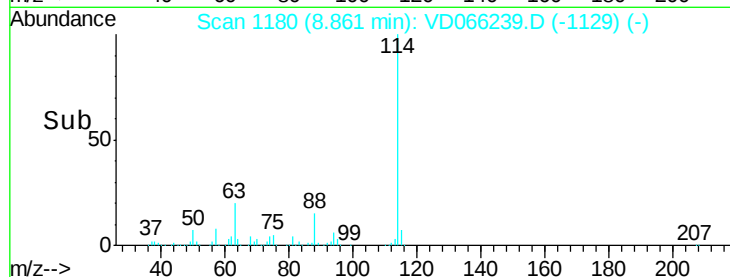
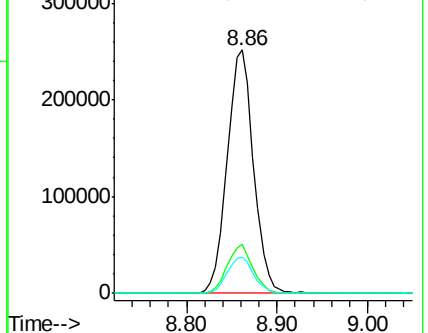
88 14.7 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 47.404 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066239.D

Acq: 14 Aug 2020 16:26

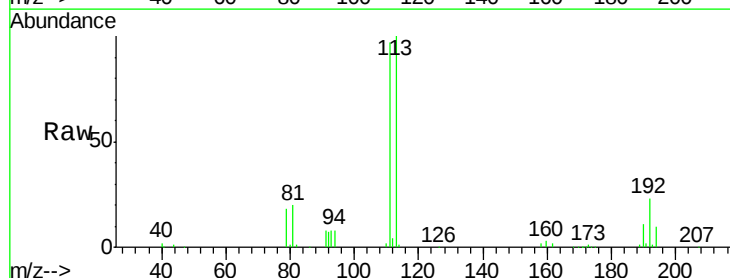
Tgt Ion:113 Resp: 152621

Ion Ratio Lower Upper

113 100

111 101.8 80.7 121.1

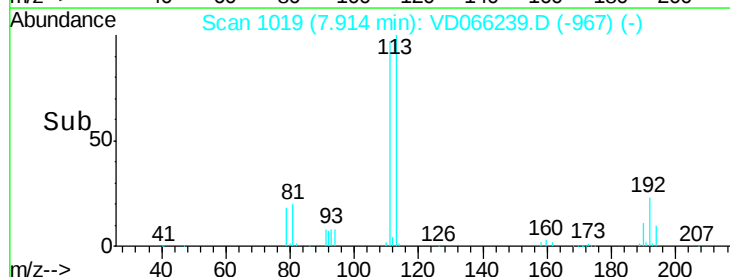
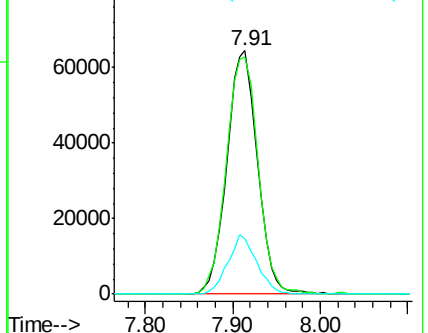
192 22.8 18.4 27.6

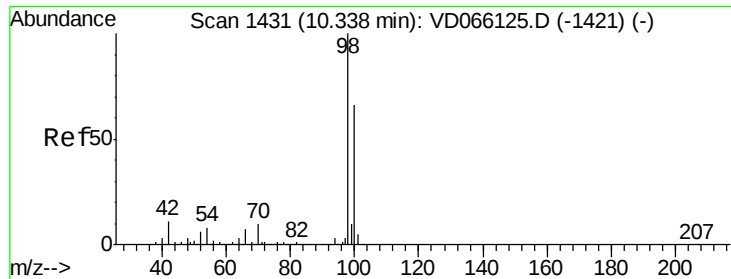


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.348 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066239.D

Acq: 14 Aug 2020 16:26

Instrument :

MSVOA_D

ClientSampleId :

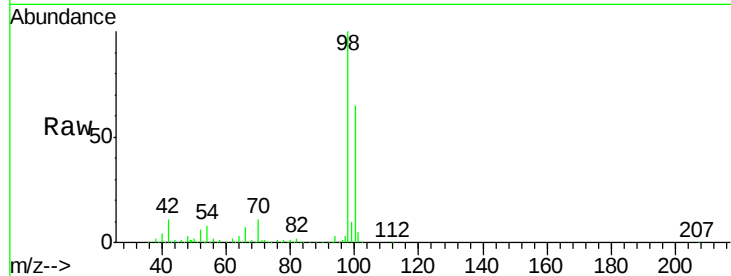
S409-K-SO-1-1.5-081220

Tot Ion: 98 Resp: 621944

Ion Ratio Lower Upper

98 100

100 66.1 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VD066125.D (-1421) (-)

Ion 100.00 (99.70 to 100.70): VD066125.D (-1421) (-)

10.34

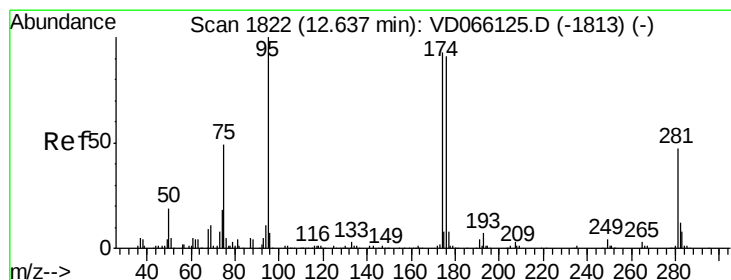
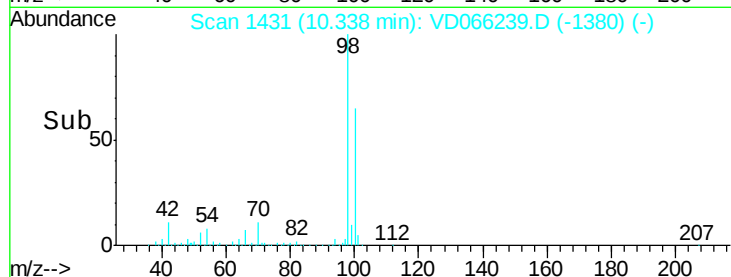
300000

200000

100000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 69.658 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066239.D

Acq: 14 Aug 2020 16:26

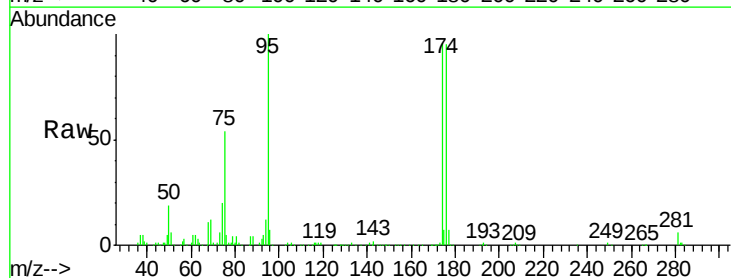
Tgt Ion: 95 Resp: 298319

Ion Ratio Lower Upper

95 100

174 93.1 0.0 180.8

176 91.6 0.0 181.2



Abundance Ion 94.90 (94.60 to 95.60): VD066125.D (-1813) (-)

Ion 173.80 (173.50 to 174.50): VD066125.D (-1813) (-)

Ion 175.80 (175.50 to 176.50): VD066125.D (-1813) (-)

200000

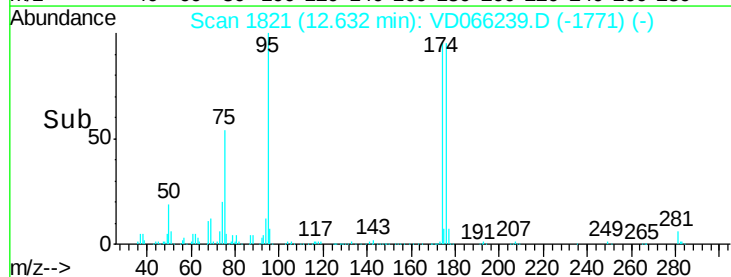
150000

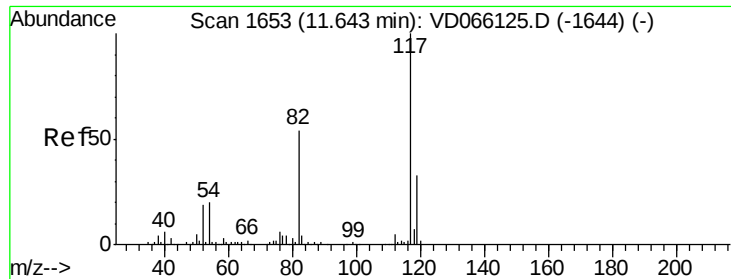
100000

50000

0

Time--> 12.60 12.70

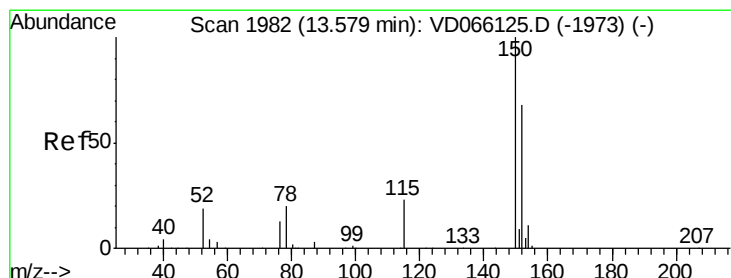
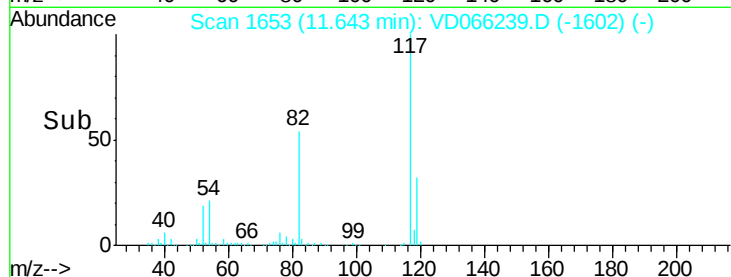
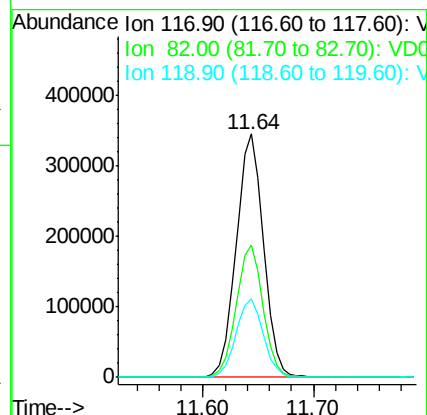
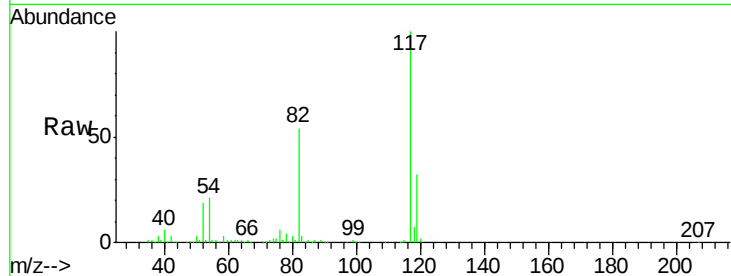




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066239.D
Acq: 14 Aug 2020 16:26

Instrument :
MSVOA_D
ClientSampleId :
S409-K-SO-1-1.5-081220

Tot Ion:117 Resp: 599076
Ion Ratio Lower Upper
117 100
82 54.2 43.0 64.4
119 32.1 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066239.D
Acq: 14 Aug 2020 16:26

Tgt Ion:152 Resp: 315764
Ion Ratio Lower Upper
152 100
115 56.7 28.0 83.9
150 157.2 0.0 346.4

