

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081720\
 Data File : VD066257.D
 Acq On : 17 Aug 2020 14:56
 Operator : VA/SY
 Sample : L3679-11RE
 Misc : 9.13G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S411-K-SO-1-1.5-081220RE

Quant Time: Aug 17 15:40:43 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	392769	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	602818	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	768317	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	447050	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	142554	40.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.36%	
35) Dibromofluoromethane	7.91	113	172542	45.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.36%	
50) Toluene-d8	10.34	98	754454	53.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.08%	
62) 4-Bromofluorobenzene	12.63	95	396732	78.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	156.20%	

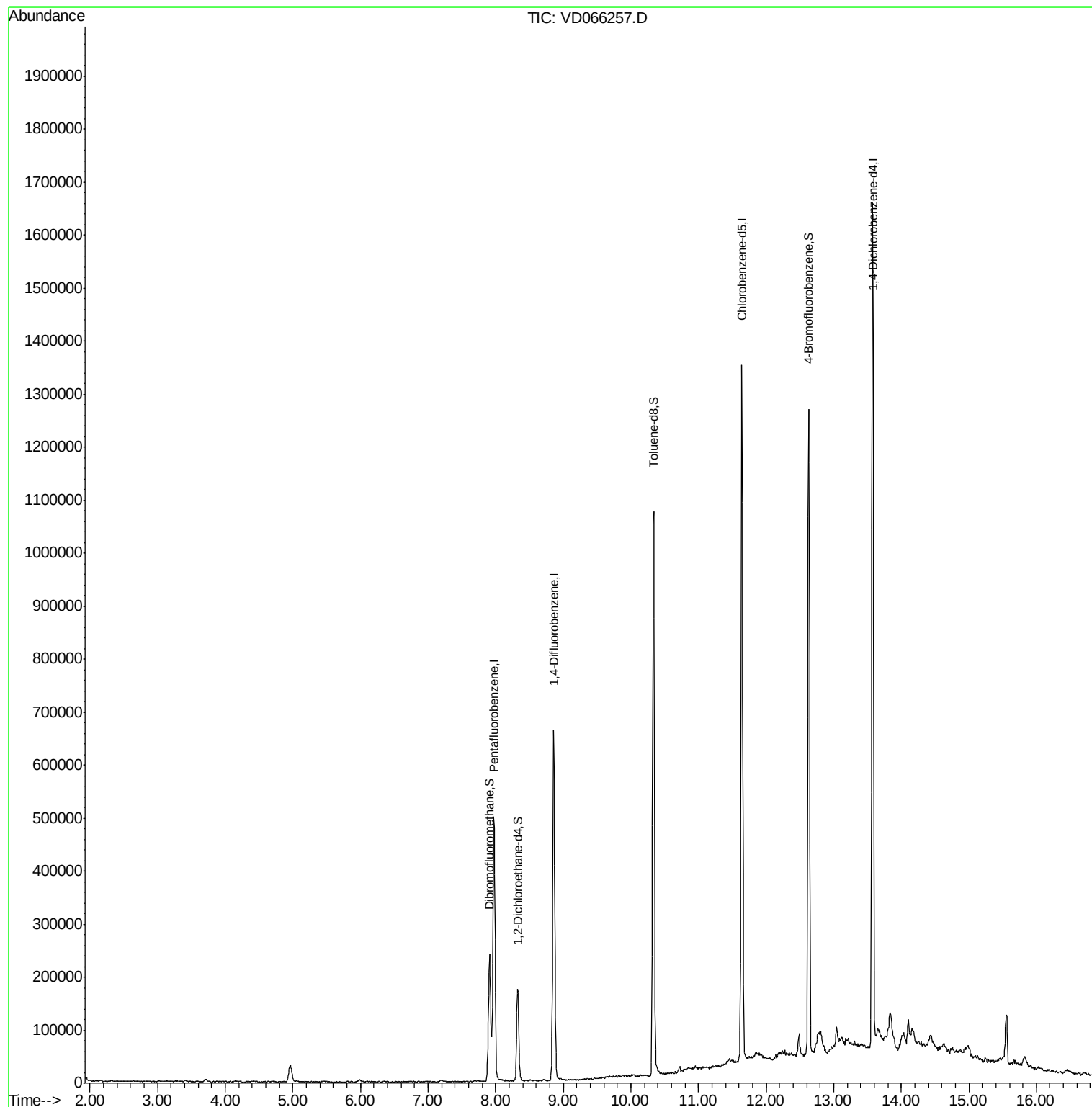
Target Compounds	Qvalue

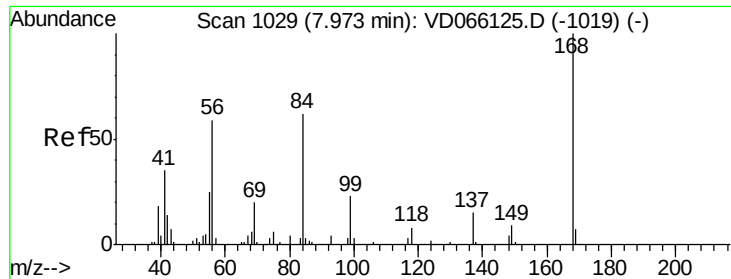
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066257.D

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Instrument :

MSVOA_D

ClientSampleId :

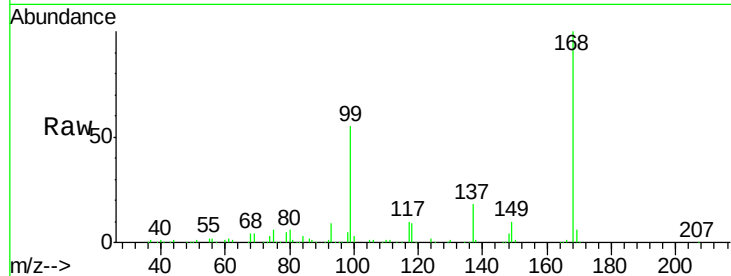
S411-K-SO-1-1.5-081220RE

Tot Ion:168 Resp: 392769

Ion Ratio Lower Upper

168 100

99 54.4 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.97

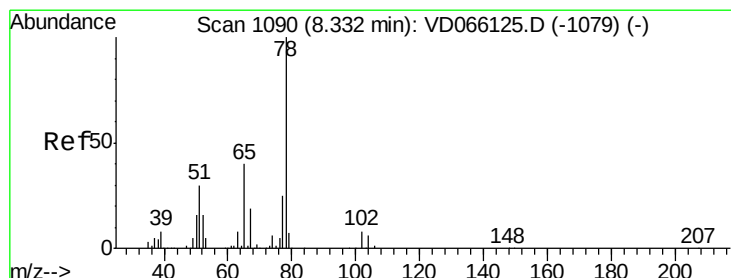
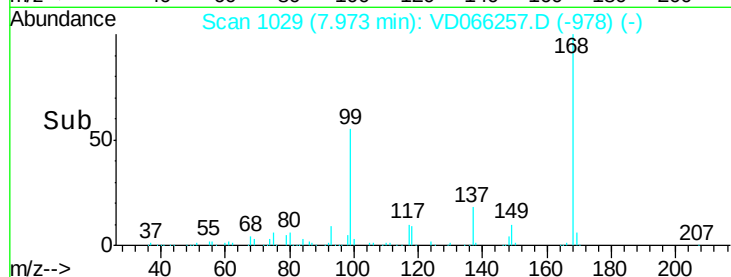
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 40.682 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066257.D

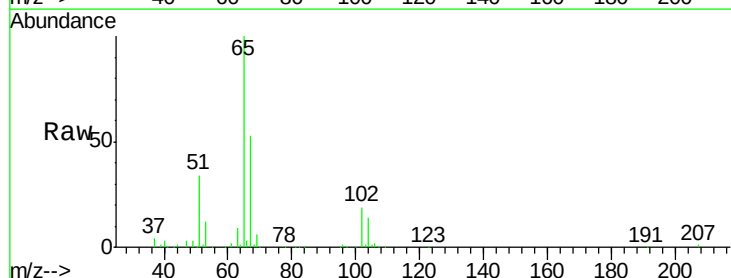
Acq: 17 Aug 2020 14:56

Tgt Ion: 65 Resp: 142554

Ion Ratio Lower Upper

65 100

67 50.7 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

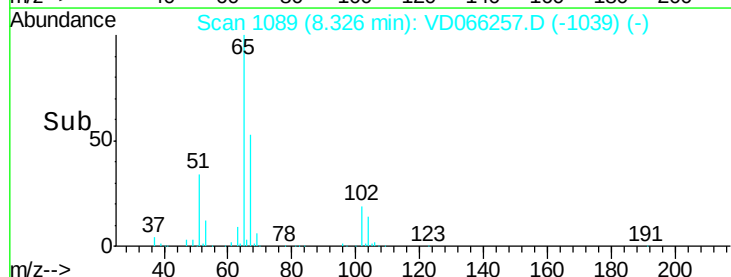
60000

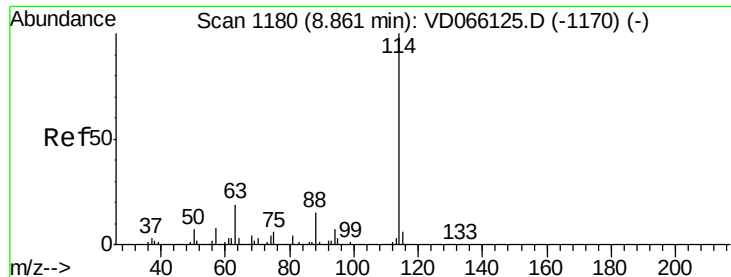
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066257.D

Acq: 17 Aug 2020 14:56

Instrument :

MSVOA_D

ClientSampleId :

S411-K-SO-1-1.5-081220RE

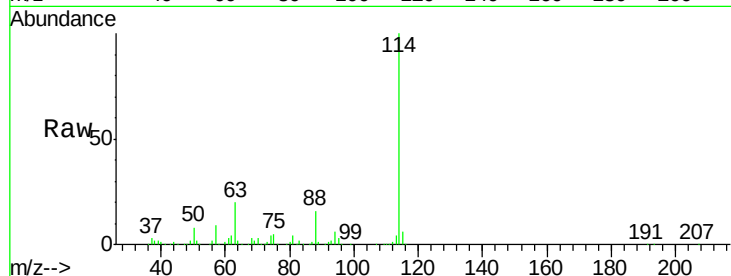
Tot Ion:114 Resp: 602818

Ion Ratio Lower Upper

114 100

63 20.4 0.0 38.6

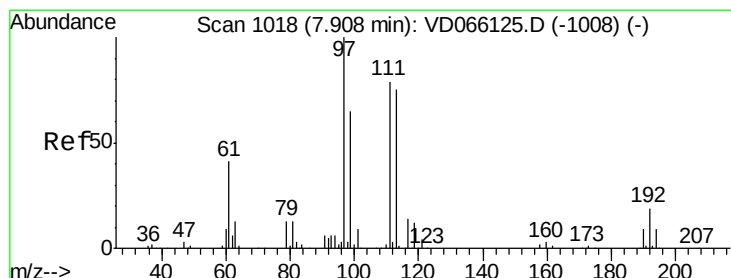
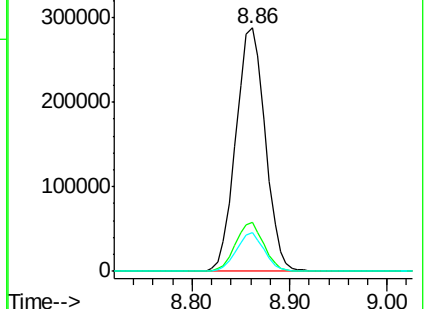
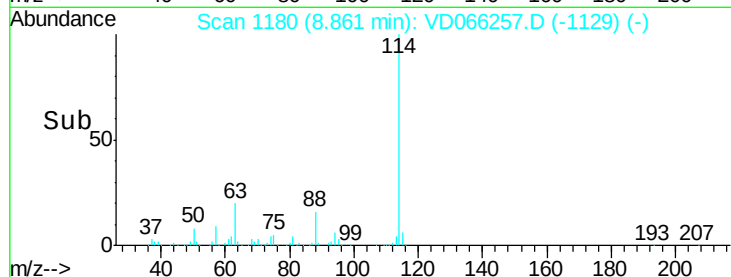
88 15.7 0.0 30.0



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: 45.182 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VD066257.D

Acq: 17 Aug 2020 14:56

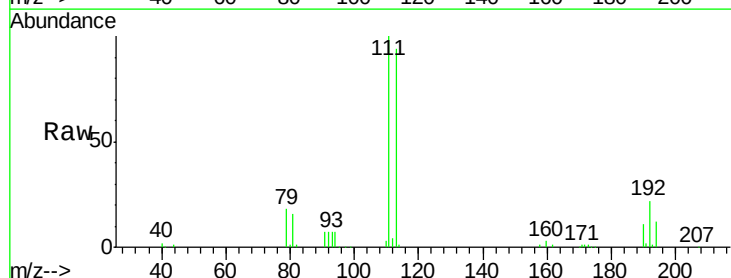
Tgt Ion:113 Resp: 172542

Ion Ratio Lower Upper

113 100

111 103.9 80.7 121.1

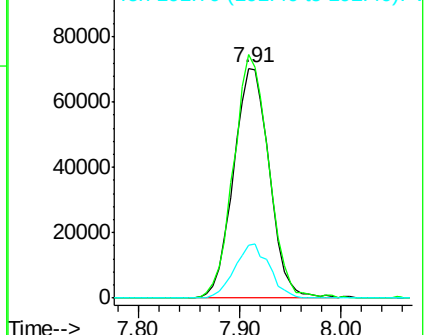
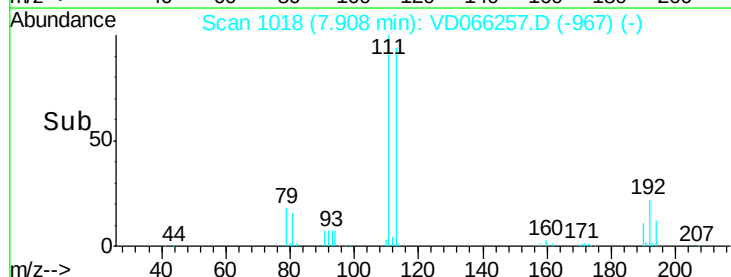
192 22.7 18.4 27.6

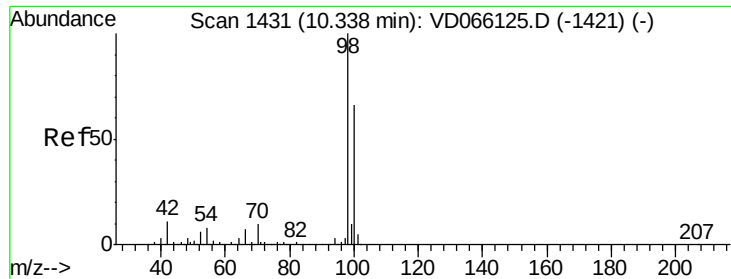


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

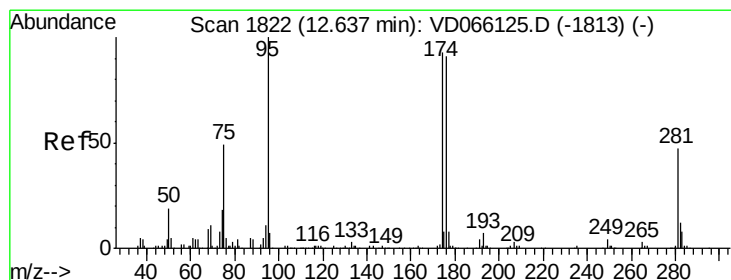
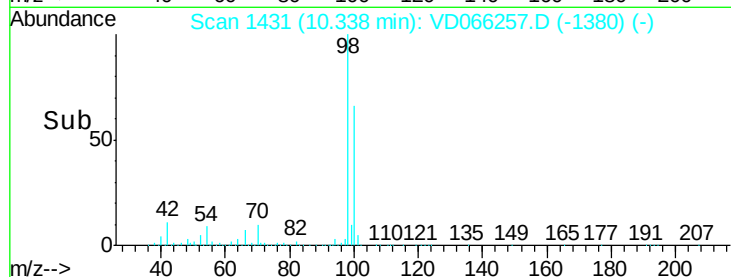
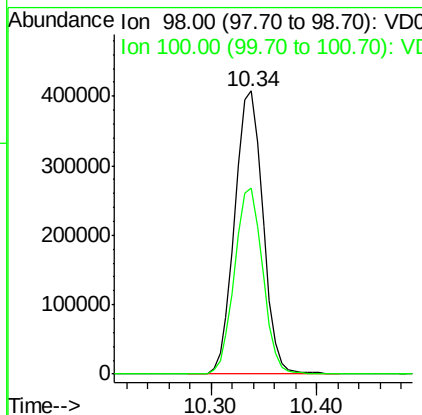
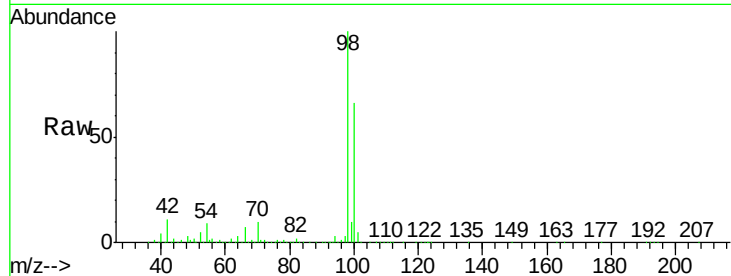




#50
Toluene-d8
Concen: 53.537 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066257.D
Acq: 17 Aug 2020 14:56

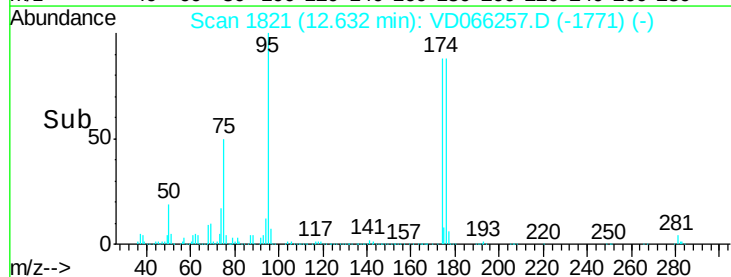
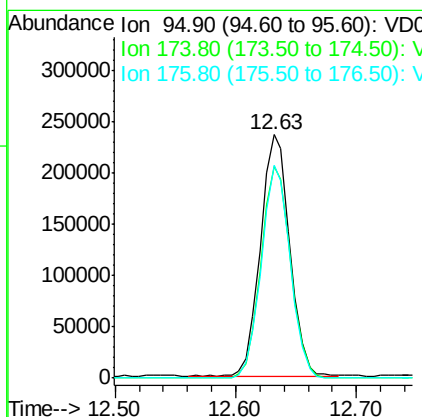
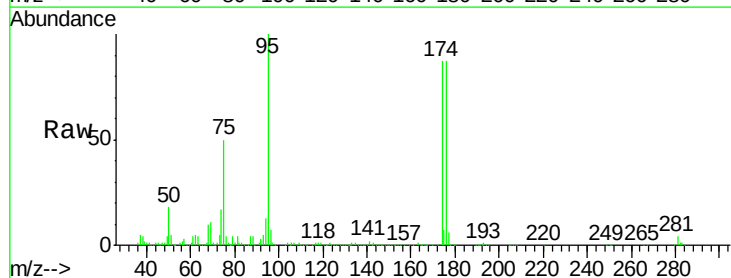
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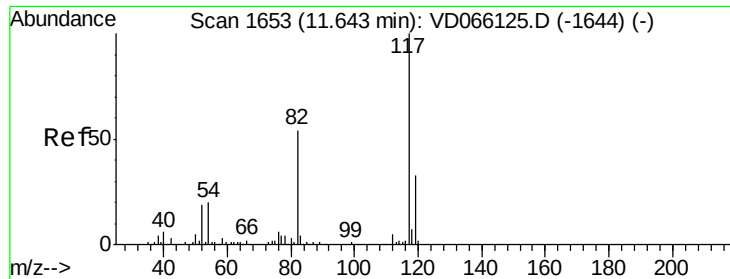
Tot Ion: 98 Resp: 754454
Ion Ratio Lower Upper
98 100
100 65.5 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 78.101 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066257.D
Acq: 17 Aug 2020 14:56

Tgt Ion: 95 Resp: 396732
Ion Ratio Lower Upper
95 100
174 88.9 0.0 180.8
176 87.1 0.0 181.2

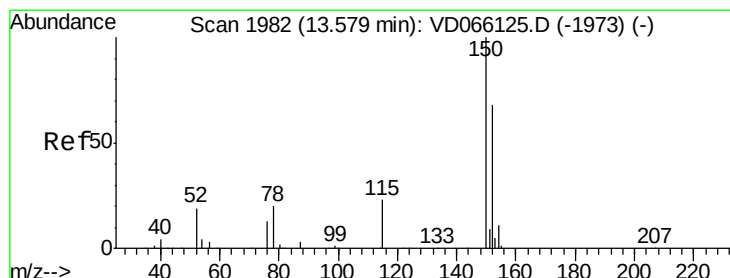
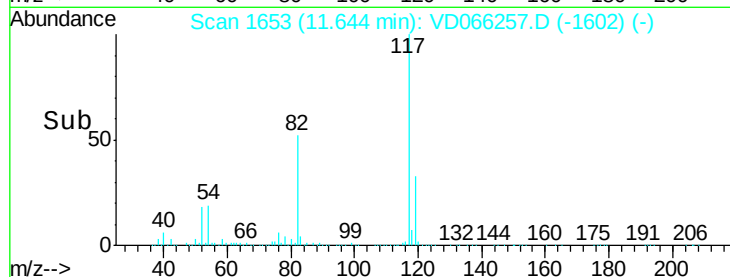
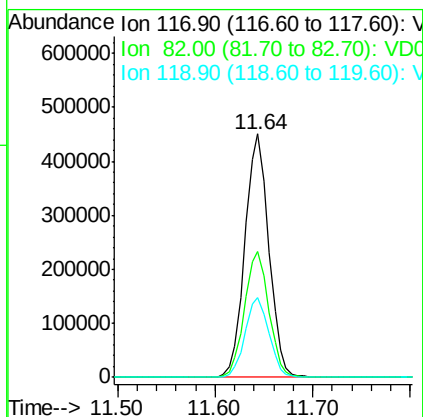
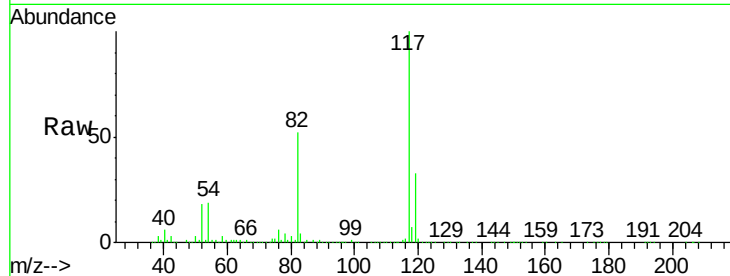




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066257.D
Acq: 17 Aug 2020 14:56

Instrument :
MSVOA_D
ClientSampleId :
S411-K-SO-1-1.5-081220RE

Tot Ion:117 Resp: 768317
Ion Ratio Lower Upper
117 100
82 51.7 43.0 64.4
119 32.6 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: VD066257.D
Acq: 17 Aug 2020 14:56

Tgt Ion:152 Resp: 447050
Ion Ratio Lower Upper
152 100
115 55.7 28.0 83.9
150 157.8 0.0 346.4

