

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081020\
 Data File : VD066169.D
 Acq On : 10 Aug 2020 17:25
 Operator : VA/SY
 Sample : L3506-01
 Misc : 8.30G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-080720

Quant Time: Aug 11 05:50:08 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	7.98	168	248650	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	417250	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	475603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	248970	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	116892	52.69	ug/l	0.00
Spiked Amount			Recovery	=	105.38%	
35) Dibromofluoromethane	7.91	113	132973	50.31	ug/l	0.00
Spiked Amount			Recovery	=	100.62%	
50) Toluene-d8	10.33	98	520259	53.34	ug/l	0.00
Spiked Amount			Recovery	=	106.68%	
62) 4-Bromofluorobenzene	12.63	95	229278	65.21	ug/l	0.00
Spiked Amount			Recovery	=	130.42%	

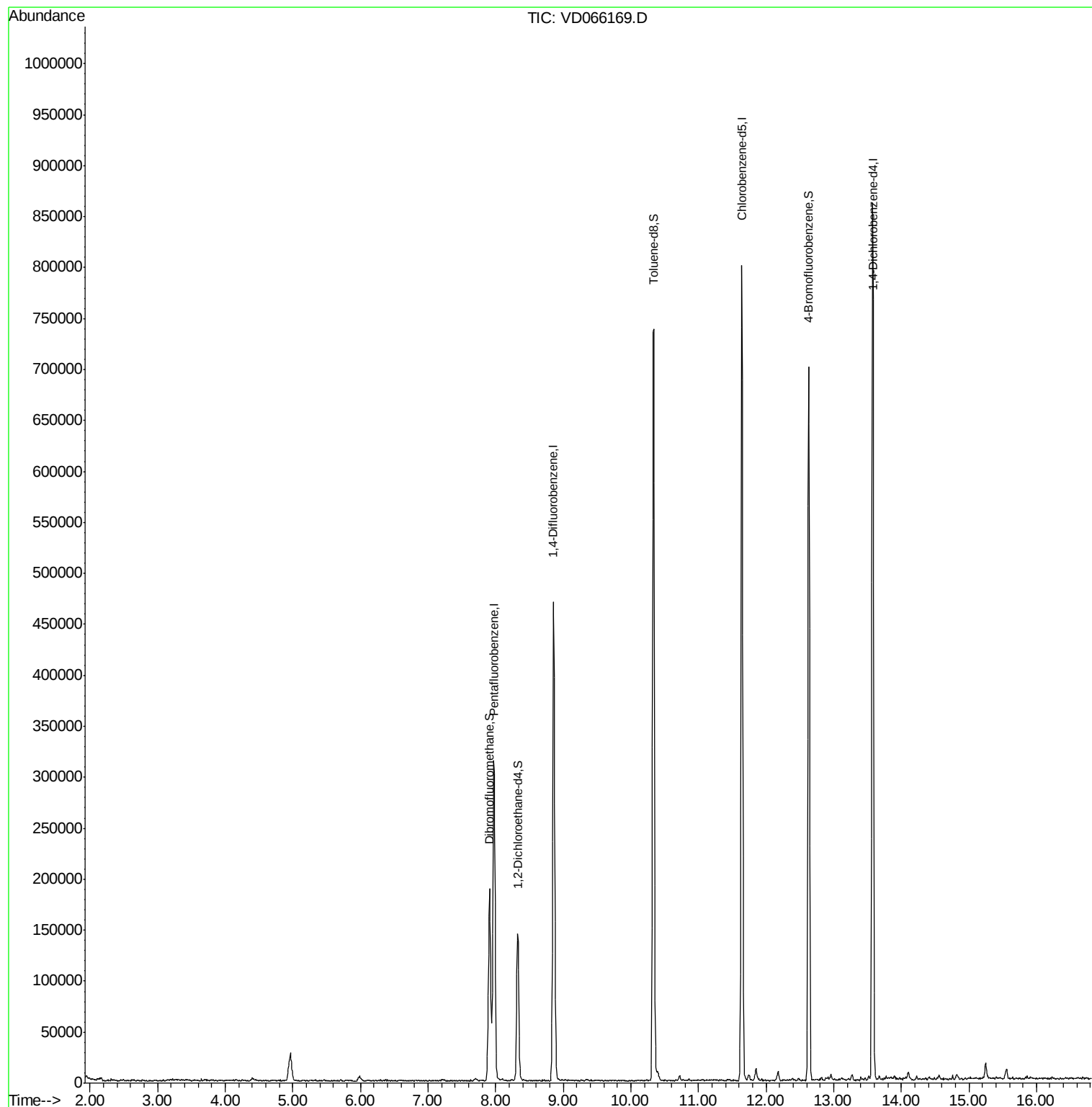
Target Compounds	Qvalue
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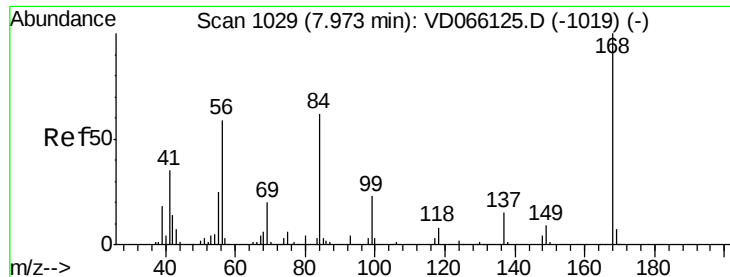
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066169.D

Acq: 10 Aug 2020 17:25

Instrument :

MSVOA_D

ClientSampleId :

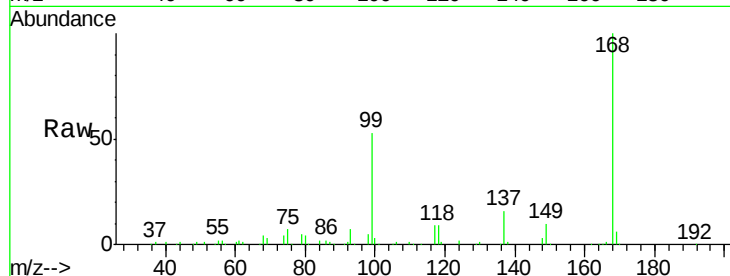
OR-02-080720

Tot Ion:168 Resp: 248650

Ion Ratio Lower Upper

168 100

99 53.3 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

120000

100000

80000

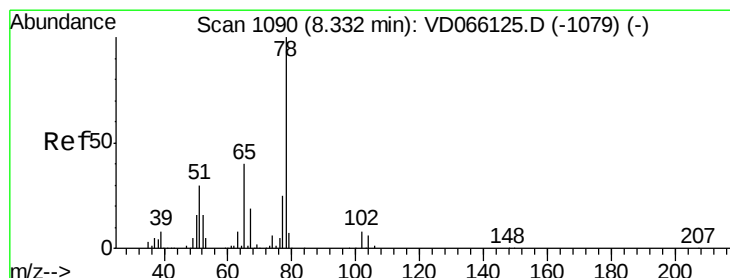
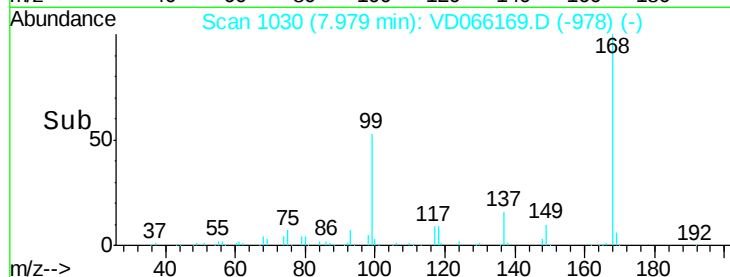
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.694 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066169.D

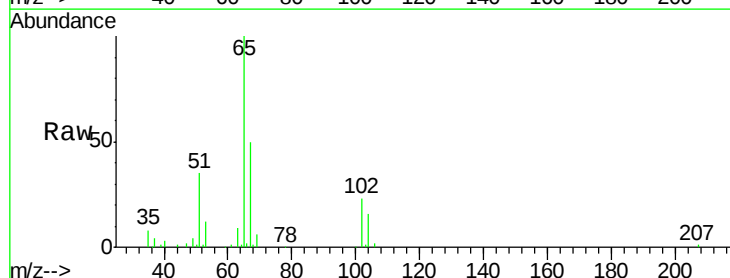
Acq: 10 Aug 2020 17:25

Tgt Ion: 65 Resp: 116892

Ion Ratio Lower Upper

65 100

67 49.2 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

50000

40000

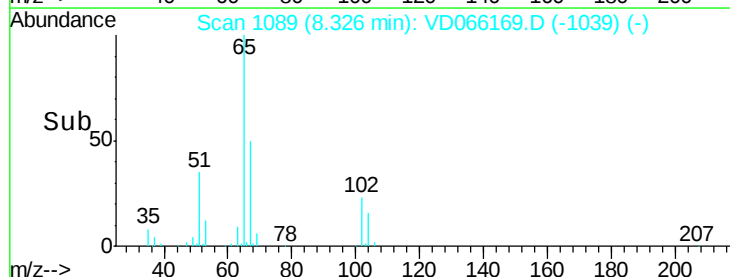
30000

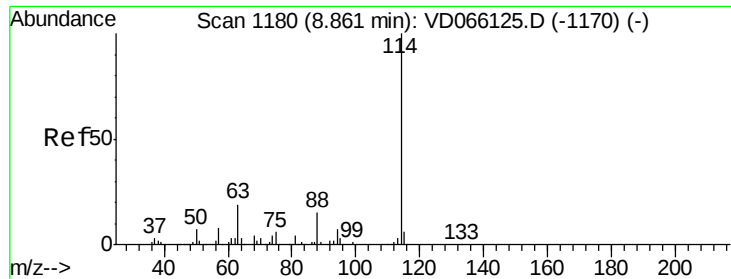
20000

10000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1179

Delta R.T. -0.01 min

Lab File: VD066169.D

Acq: 10 Aug 2020 17:25

Instrument :

MSVOA_D

ClientSampleId :

OR-02-080720

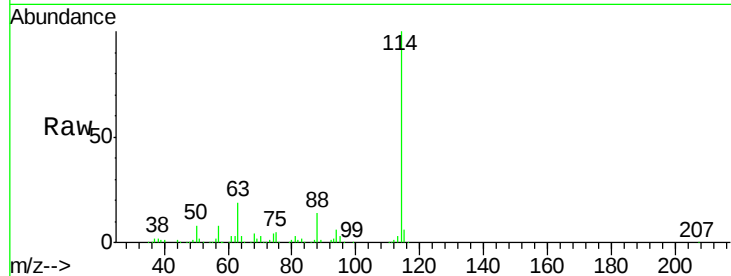
Tot Ion:114 Resp: 417250

Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.6

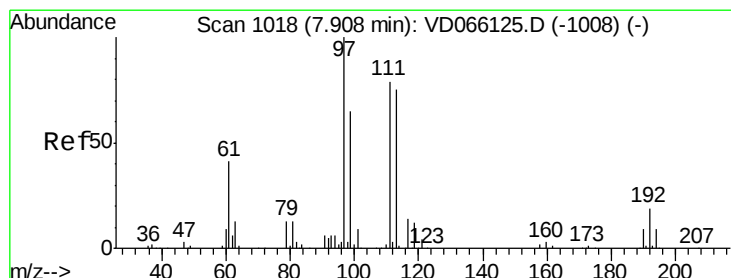
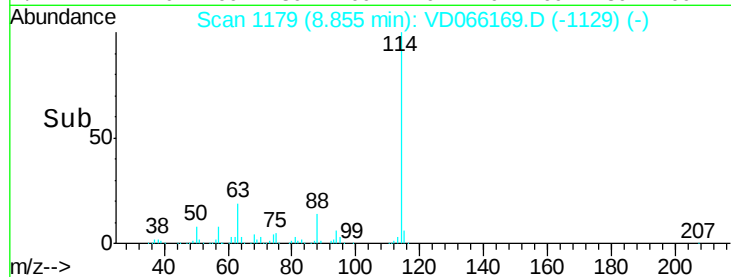
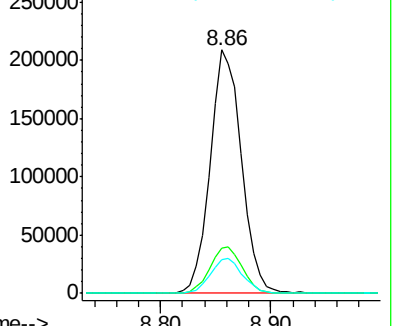
88 14.1 0.0 30.0



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: 50.307 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VD066169.D

Acq: 10 Aug 2020 17:25

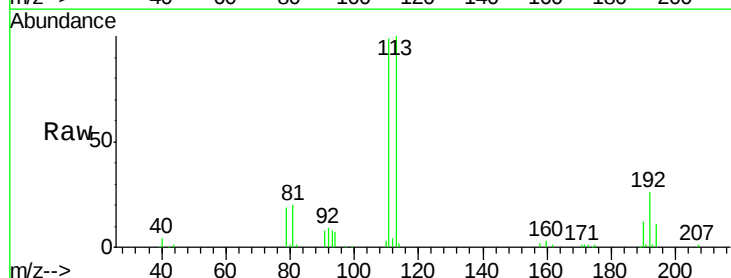
Tgt Ion:113 Resp: 132973

Ion Ratio Lower Upper

113 100

111 100.0 80.7 121.1

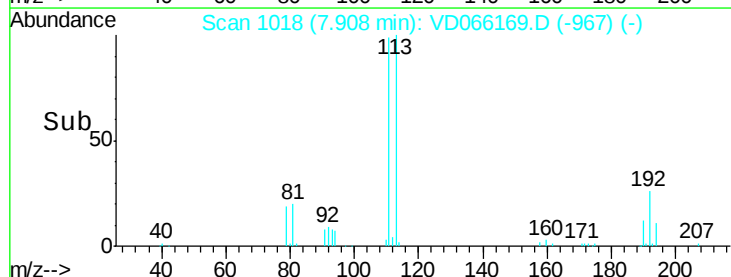
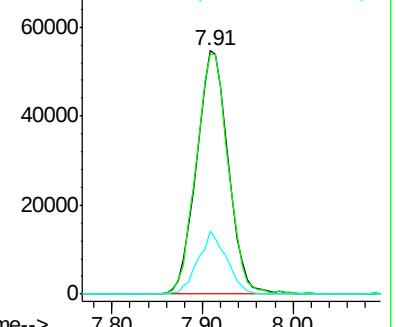
192 23.1 18.4 27.6

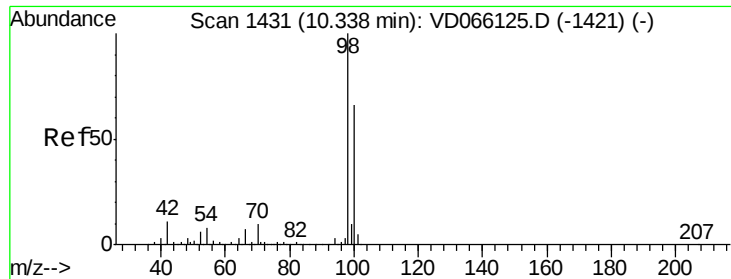


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.337 ug/l

RT: 10.33 min Scan# 1430

Delta R.T. -0.01 min

Lab File: VD066169.D

Acq: 10 Aug 2020 17:25

Instrument :

MSVOA_D

ClientSampleId :

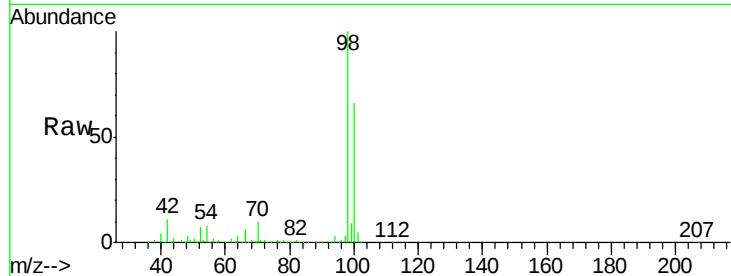
OR-02-080720

Tot Ion: 98 Resp: 520259

Ion Ratio Lower Upper

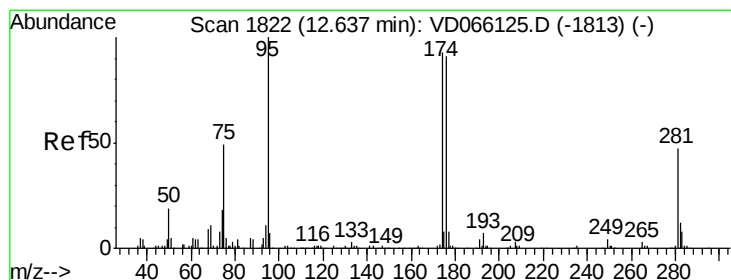
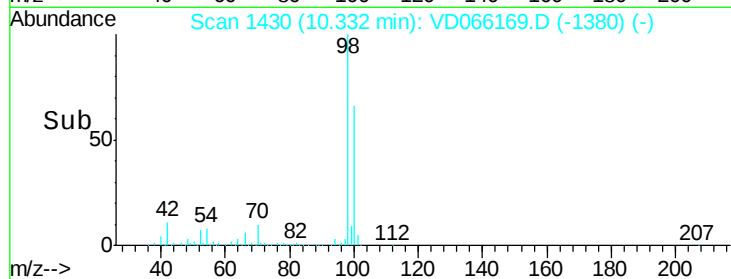
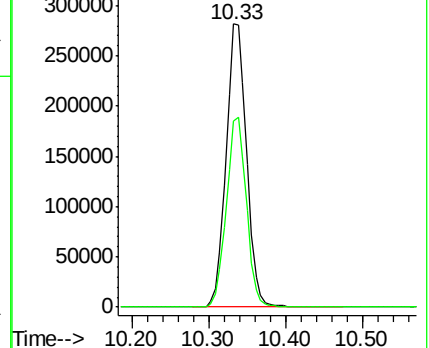
98 100

100 65.9 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 65.210 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.01 min

Lab File: VD066169.D

Acq: 10 Aug 2020 17:25

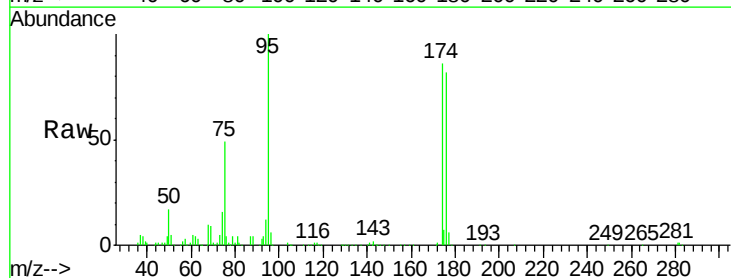
Tgt Ion: 95 Resp: 229278

Ion Ratio Lower Upper

95 100

174 88.3 0.0 180.8

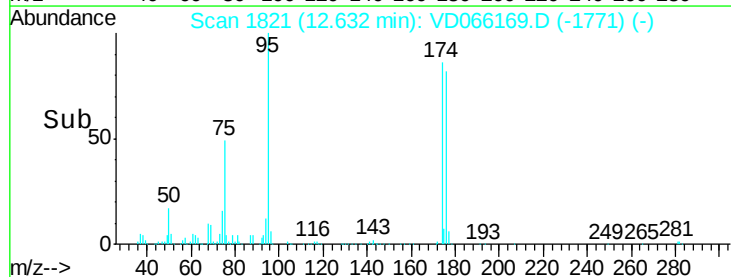
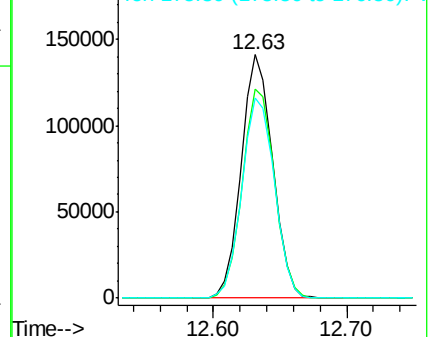
176 85.4 0.0 181.2

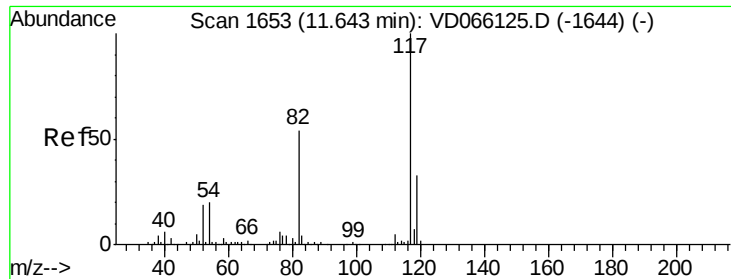


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

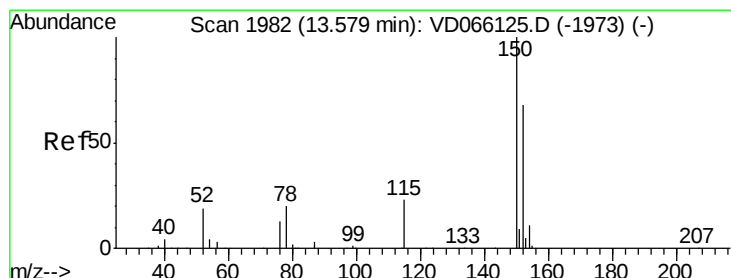
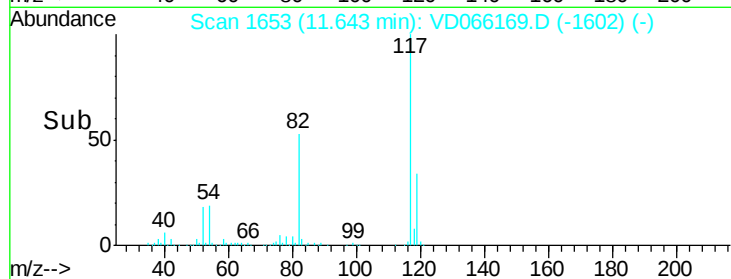
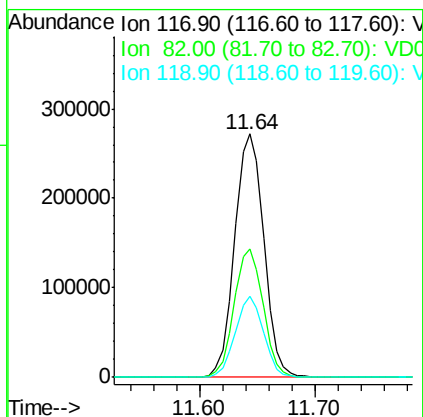
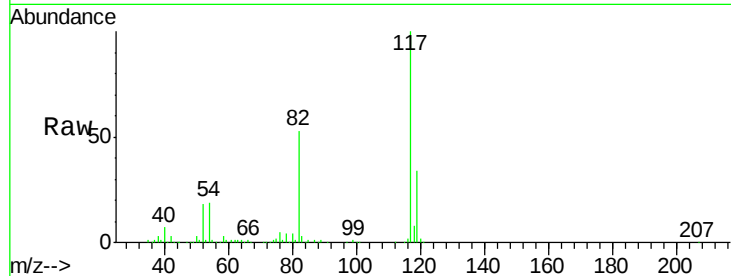




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066169.D
Acq: 10 Aug 2020 17:25

Instrument :
MSVOA_D
ClientSampleId :
OR-02-080720

Tot Ion:117 Resp: 475603
Ion Ratio Lower Upper
117 100
82 52.6 43.0 64.4
119 33.5 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: VD066169.D
Acq: 10 Aug 2020 17:25

Tgt Ion:152 Resp: 248970
Ion Ratio Lower Upper
152 100
115 55.0 28.0 83.9
150 154.7 0.0 346.4

