

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082520\
 Data File : VD066400.D
 Acq On : 25 Aug 2020 14:14
 Operator : VA/SY
 Sample : L3785-04
 Misc : 7.03G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-18

Quant Time: Aug 26 08:28:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	240742	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	367917	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	344463	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	178033	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	130147	55.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.28%	
35) Dibromofluoromethane	7.91	113	119242	51.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.66%	
50) Toluene-d8	10.34	98	441098	52.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.80%	
62) 4-Bromofluorobenzene	12.63	95	152088	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	

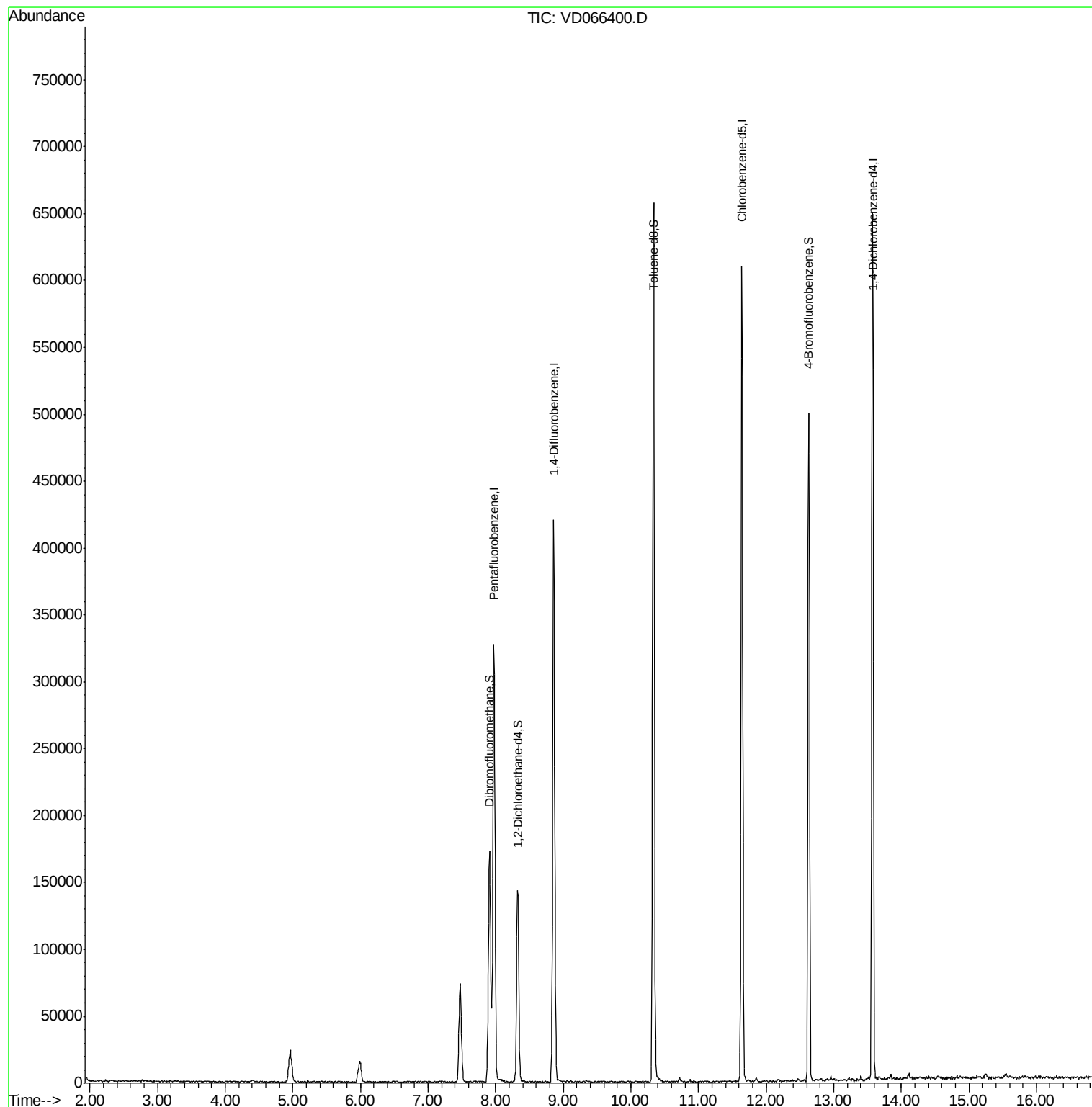
Target Compounds	Qvalue
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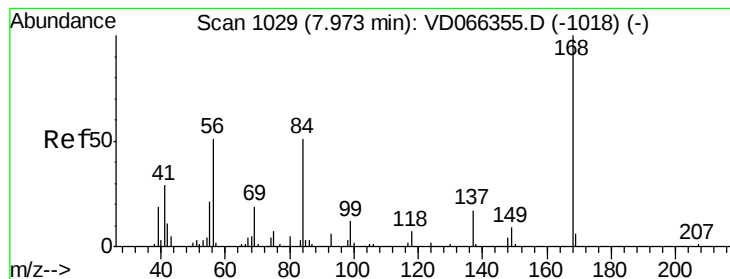
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.97 min Scan# 1029

Delta R.T. -0.00 min

Lab File: VD066400.D

Acq: 25 Aug 2020 14:14

Instrument :

MSVOA_D

ClientSampleId :

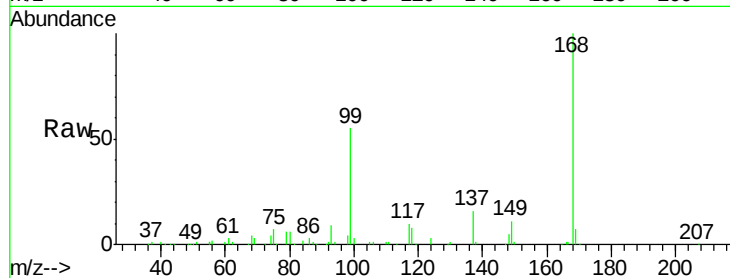
CHRT-18

Tot Ion:168 Resp: 240742

Ion Ratio Lower Upper

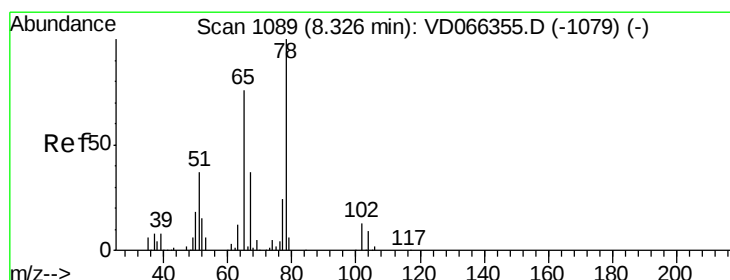
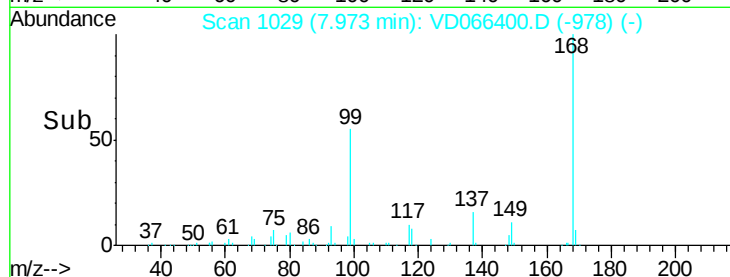
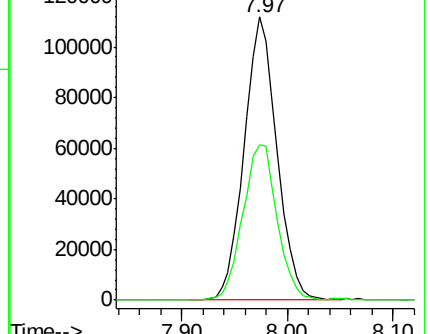
168 100

99 54.7 45.4 68.0



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: 55.142 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.01 min

Lab File: VD066400.D

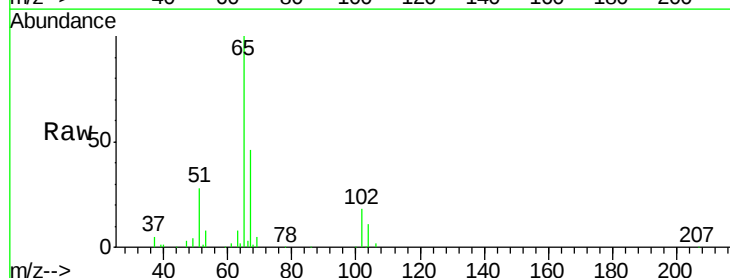
Acq: 25 Aug 2020 14:14

Tgt Ion: 65 Resp: 130147

Ion Ratio Lower Upper

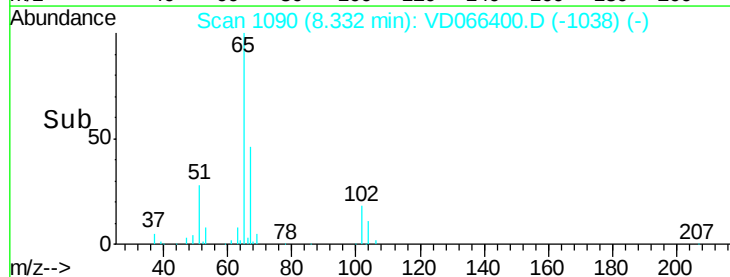
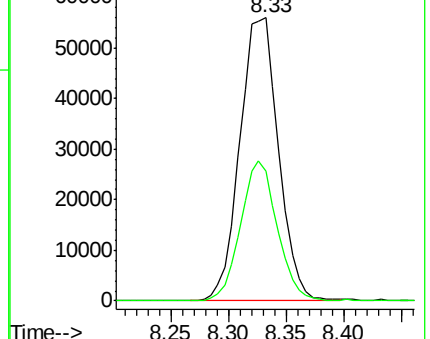
65 100

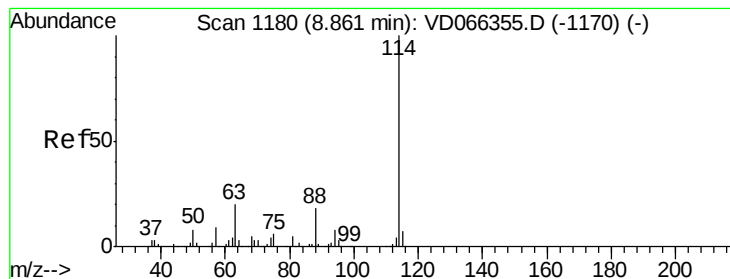
67 46.9 0.0 101.6



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# 1179

Delta R.T. -0.01 min

Lab File: VD066400.D

Acq: 25 Aug 2020 14:14

Instrument :

MSVOA_D

ClientSampleId :

CHRT-18

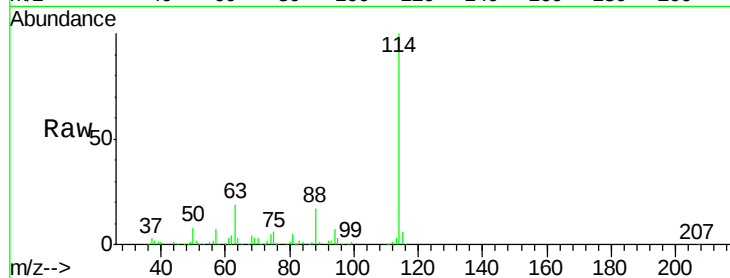
Tot Ion:114 Resp: 367917

Ion Ratio Lower Upper

114 100

63 19.1 0.0 40.8

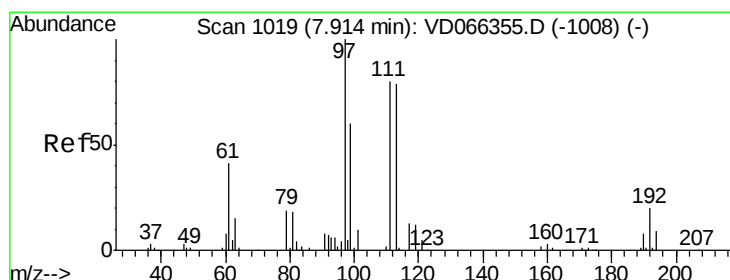
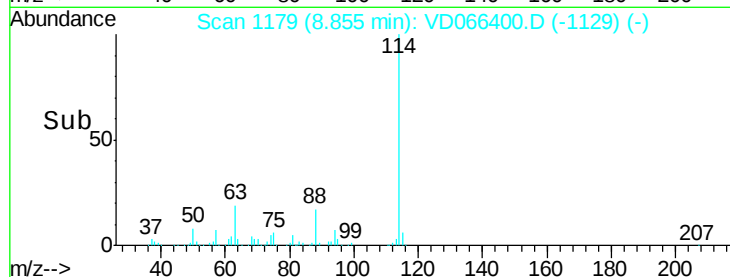
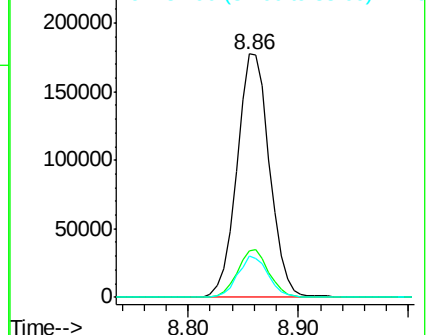
88 16.8 0.0 35.4



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: 51.830 ug/l

RT: 7.91 min Scan# 1018

Delta R.T. -0.01 min

Lab File: VD066400.D

Acq: 25 Aug 2020 14:14

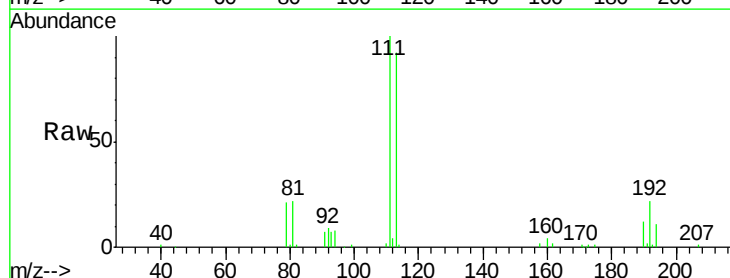
Tgt Ion:113 Resp: 119242

Ion Ratio Lower Upper

113 100

111 100.6 80.3 120.5

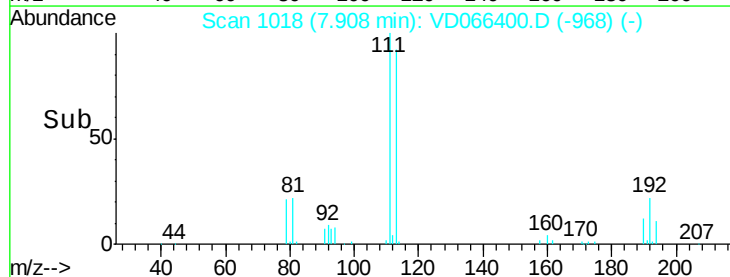
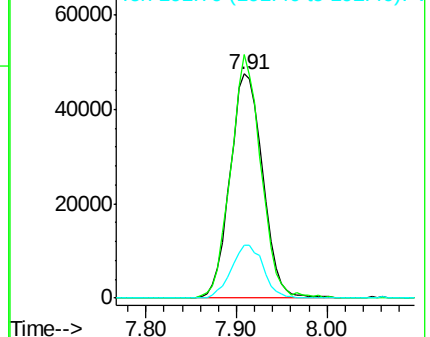
192 23.1 19.0 28.6

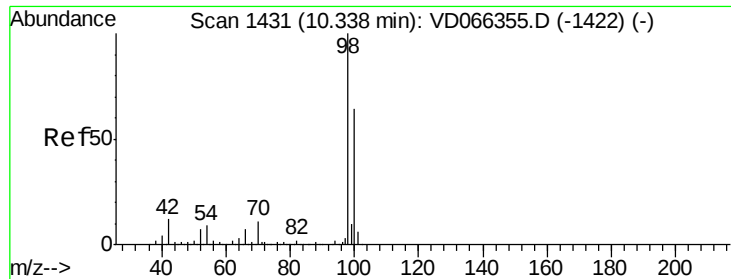


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 52.402 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VD066400.D

Acq: 25 Aug 2020 14:14

Instrument :

MSVOA_D

ClientSampled :

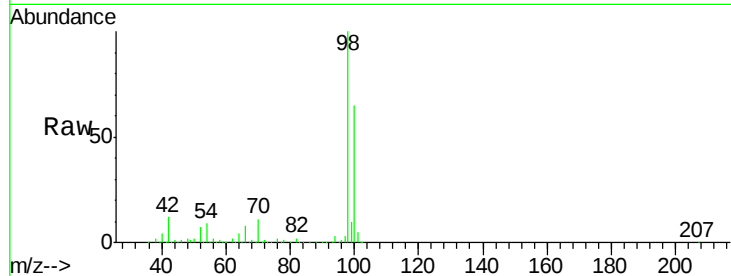
CHRT-18

Tot Ion: 98 Resp: 441098

Ion Ratio Lower Upper

98 100

100 65.3 53.0 79.4



Abundance Ion 98.00 (97.70 to 98.70): VD066355.D (-1422) (-)

Ion 100.00 (99.70 to 100.70): VD066355.D (-1422) (-)

10.34

250000

200000

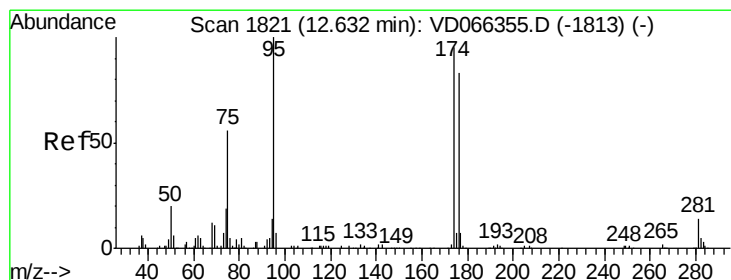
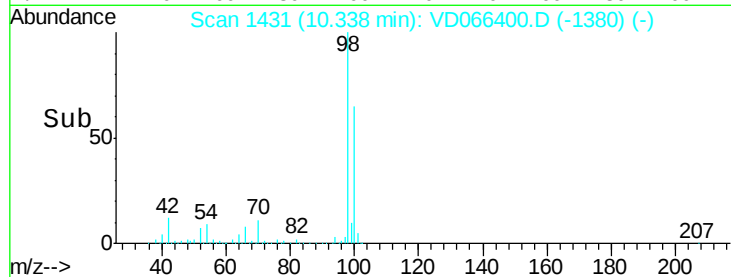
150000

100000

50000

0

Time--> 10.20 10.30 10.40 10.50



#62

4-Bromofluorobenzene

Concen: 50.918 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.00 min

Lab File: VD066400.D

Acq: 25 Aug 2020 14:14

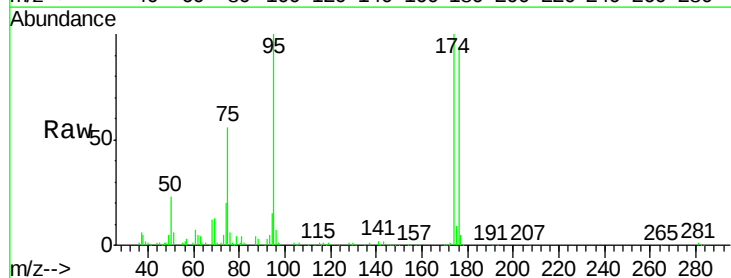
Tgt Ion: 95 Resp: 152088

Ion Ratio Lower Upper

95 100

174 95.7 0.0 183.4

176 91.2 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VD066355.D (-1813) (-)

Ion 173.80 (173.50 to 174.50): VD066355.D (-1813) (-)

Ion 175.80 (175.50 to 176.50): VD066355.D (-1813) (-)

12.63

120000

100000

80000

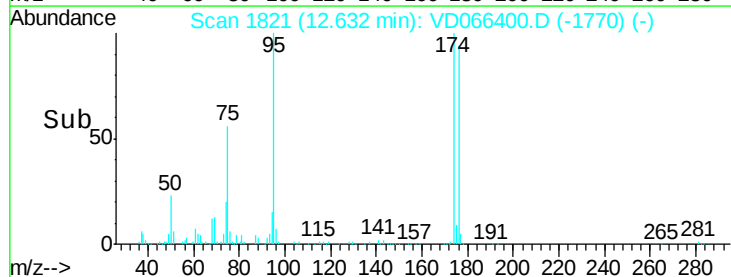
60000

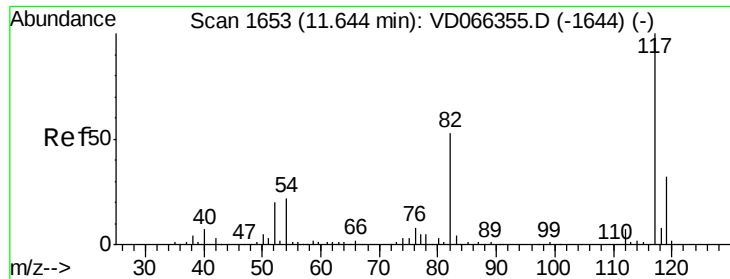
40000

20000

0

Time--> 12.60 12.70

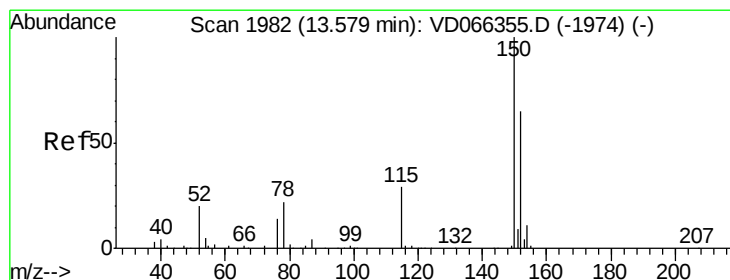
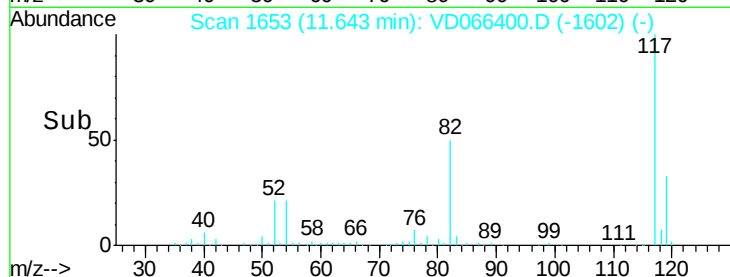
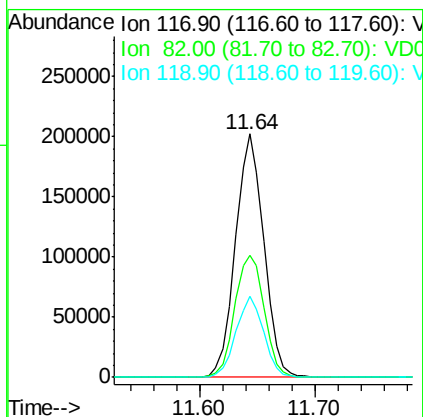
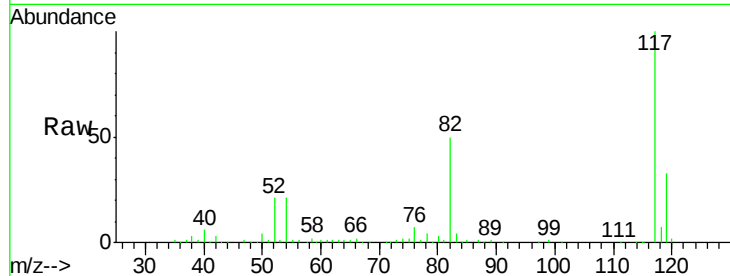




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD066400.D
Acq: 25 Aug 2020 14:14

Instrument :
MSVOA_D
ClientSampleId :
CHRT-18

Tot Ion:117 Resp: 344463
Ion Ratio Lower Upper
117 100
82 50.3 42.8 64.2
119 33.1 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.00 min
Lab File: VD066400.D
Acq: 25 Aug 2020 14:14

Tgt Ion:152 Resp: 178033
Ion Ratio Lower Upper
152 100
115 56.2 28.3 85.0
150 155.7 0.0 343.2

