

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010620\
 Data File : VD064771.D
 Acq On : 06 Jan 2020 14:13
 Operator : VA/SY
 Sample : VD0106SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0106SBL01

Quant Time: Jan 07 00:48:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	551857	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	826213	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	734680	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	342996	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	254875	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	
35) Dibromofluoromethane	7.92	113	251898	49.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.38%	
50) Toluene-d8	10.34	98	975207	50.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.46%	
62) 4-Bromofluorobenzene	12.64	95	301380	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	

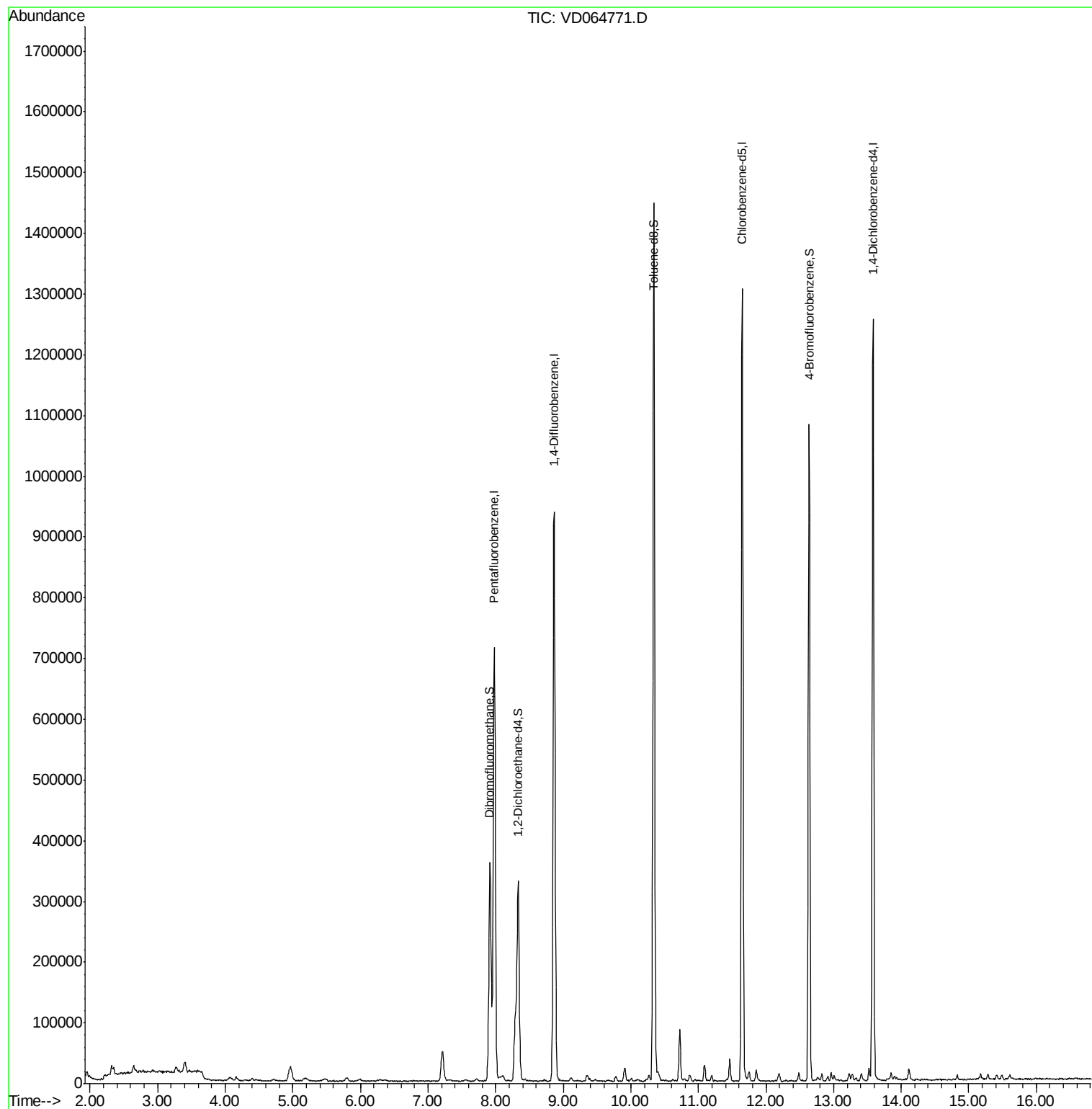
Target Compounds	Qvalue
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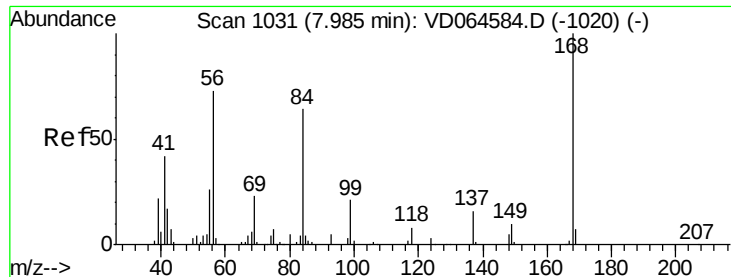
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 24 13:19:06 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064771.D

Acq: 06 Jan 2020 14:13

Instrument :

MSVOA_D

ClientSampleId :

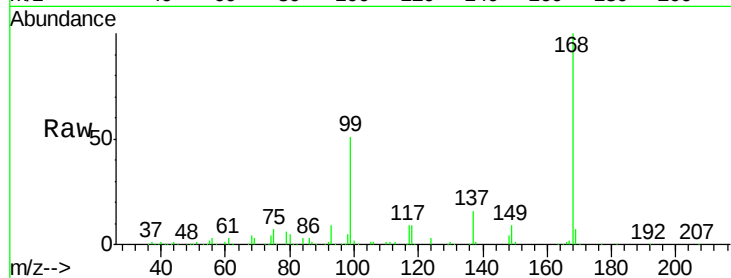
VD0106SBL01

Tgt Ion:168 Resp: 551857

Ion Ratio Lower Upper

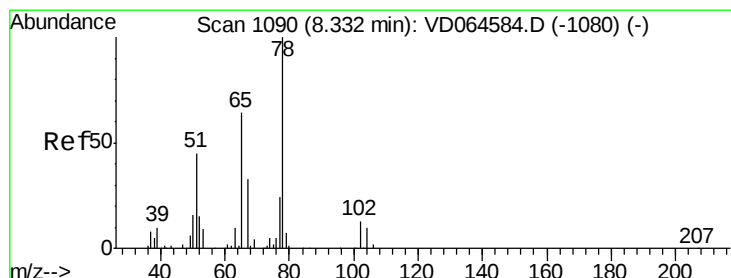
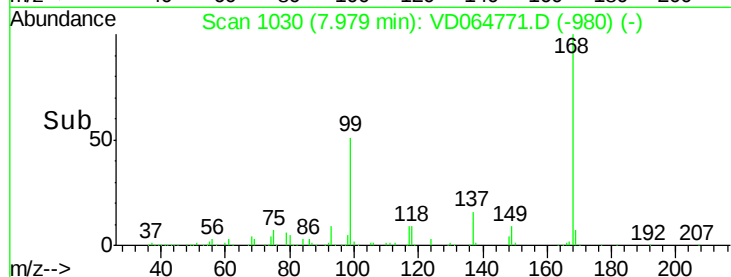
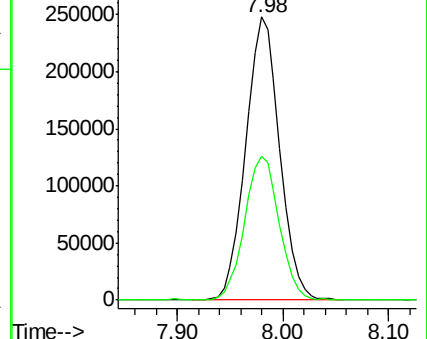
168 100

99 50.6 41.8 62.6



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: 52.377 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD064771.D

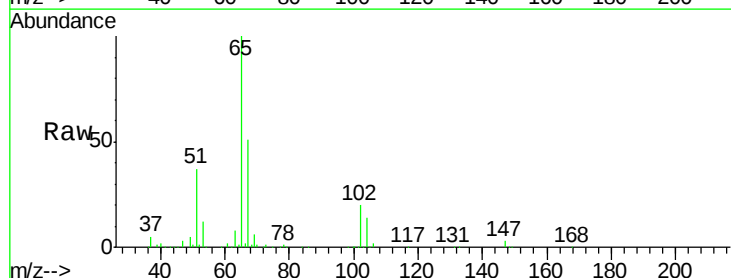
Acq: 06 Jan 2020 14:13

Tgt Ion: 65 Resp: 254875

Ion Ratio Lower Upper

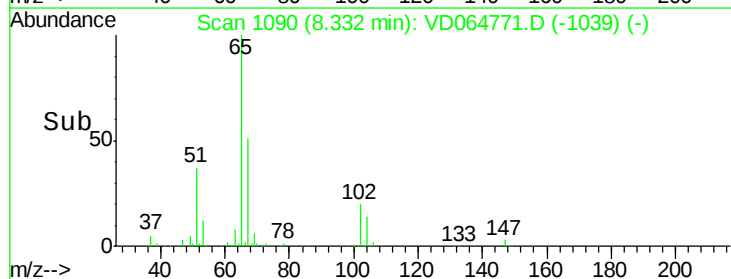
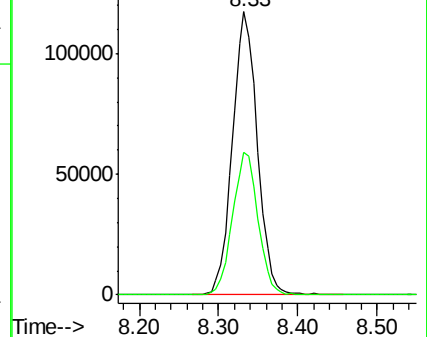
65 100

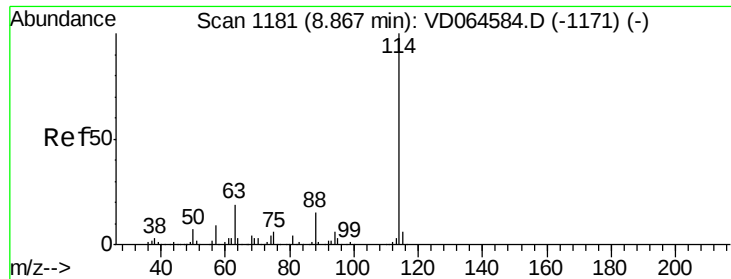
67 51.2 0.0 106.2



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: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD064771.D

Acq: 06 Jan 2020 14:13

Instrument :

MSVOA_D

ClientSampleId :

VD0106SBL01

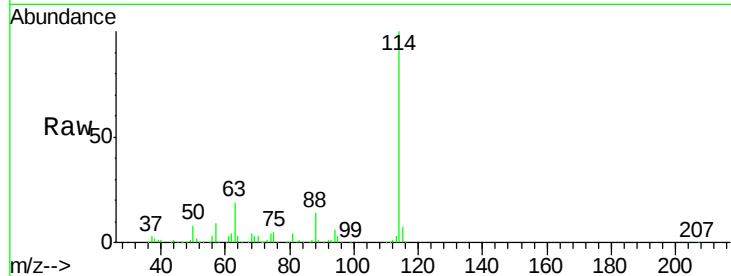
Tgt Ion:114 Resp: 826213

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.0

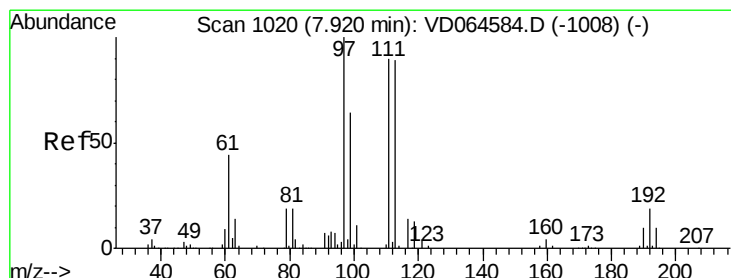
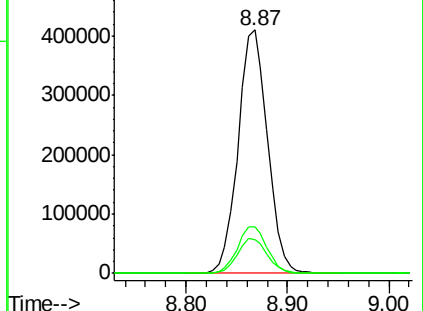
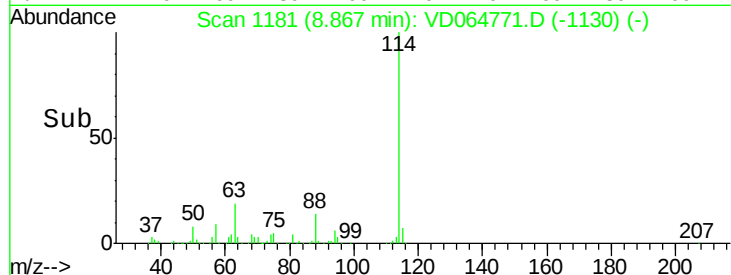
88 14.0 0.0 29.2



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: 49.694 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD064771.D

Acq: 06 Jan 2020 14:13

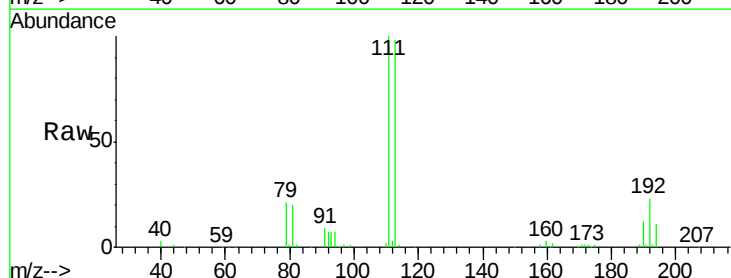
Tgt Ion:113 Resp: 251898

Ion Ratio Lower Upper

113 100

111 101.0 80.6 121.0

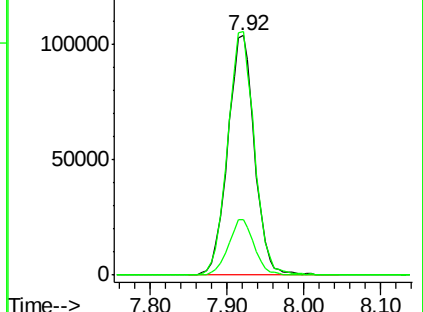
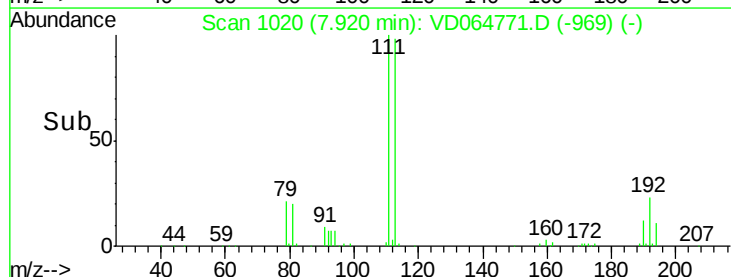
192 22.4 17.9 26.9

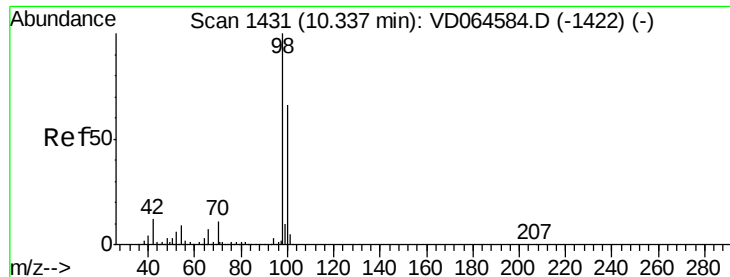


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.233 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD064771.D

Acq: 06 Jan 2020 14:13

Instrument :

MSVOA_D

ClientSampleId :

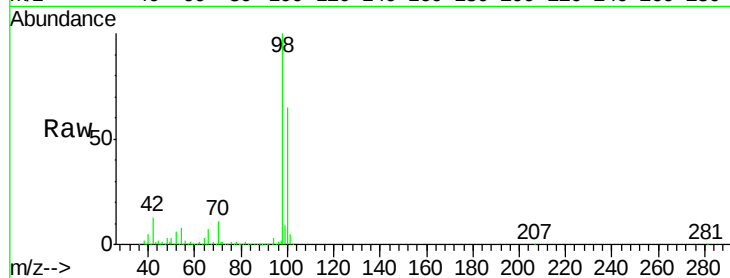
VD0106SBL01

Tgt Ion: 98 Resp: 975207

Ion Ratio Lower Upper

98 100

100 65.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VD064584.D (-1422) (-)

Ion 100.00 (99.70 to 100.70): VD064584.D (-1422) (-)

10.34

600000

500000

400000

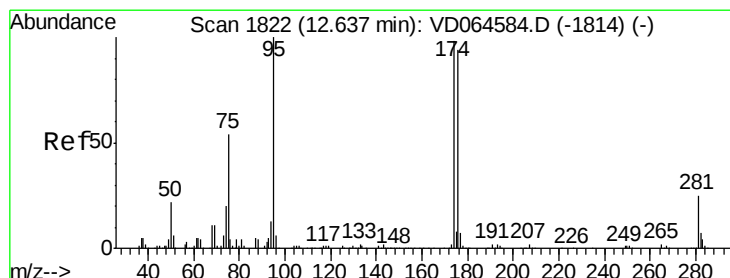
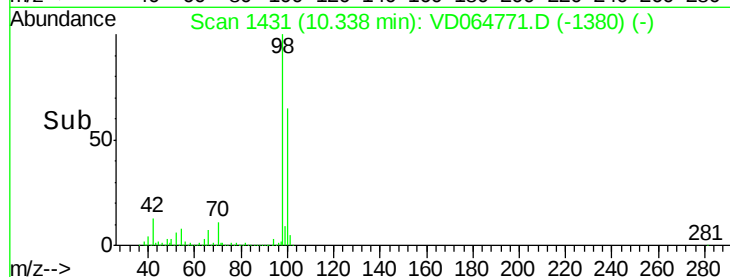
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 49.094 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064771.D

Acq: 06 Jan 2020 14:13

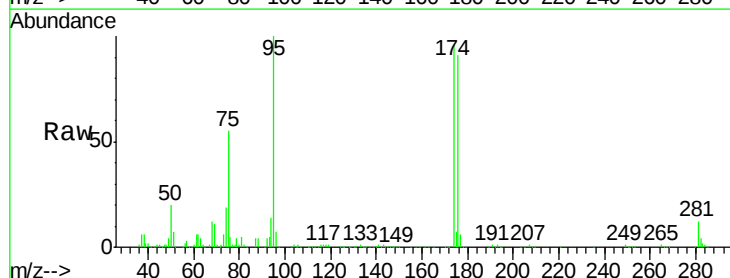
Tgt Ion: 95 Resp: 301380

Ion Ratio Lower Upper

95 100

174 94.8 0.0 193.2

176 90.9 0.0 184.2



Abundance Ion 94.90 (94.60 to 95.60): VD064584.D (-1814) (-)

Ion 173.80 (173.50 to 174.50): VD064584.D (-1814) (-)

Ion 175.80 (175.50 to 176.50): VD064584.D (-1814) (-)

12.64

250000

200000

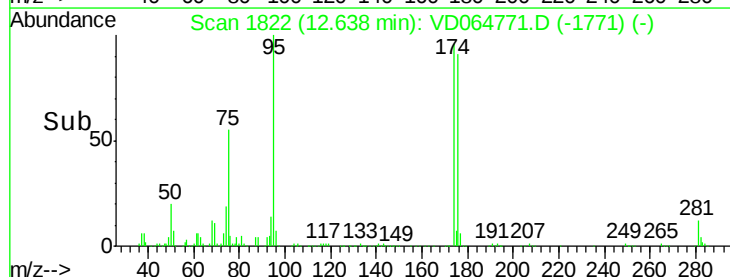
150000

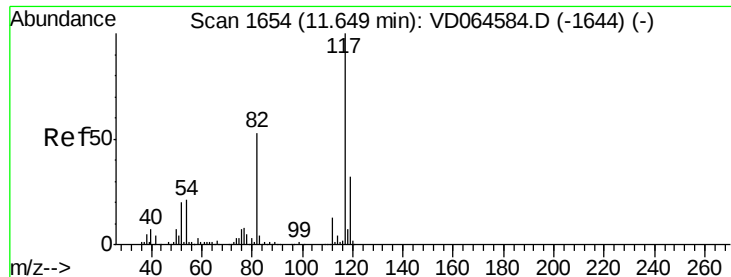
100000

50000

0

Time-->

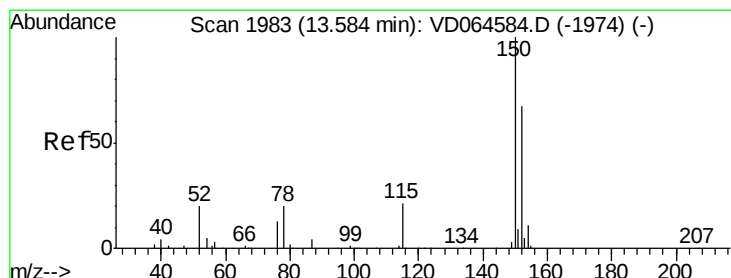
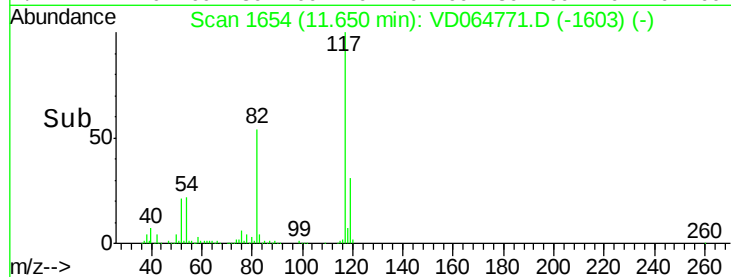
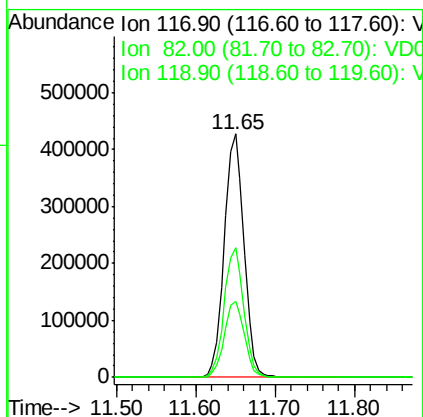
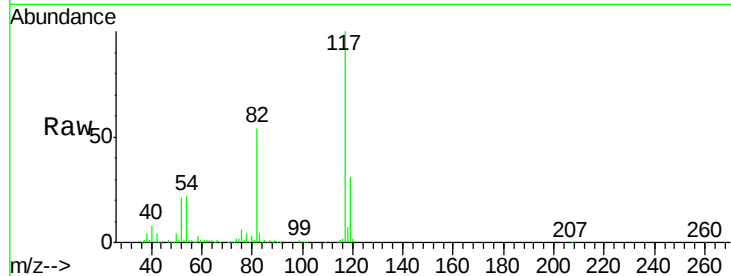




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064771.D
Acq: 06 Jan 2020 14:13

Instrument :
MSVOA_D
ClientSampleId :
VD0106SBL01

Tgt Ion:117 Resp: 734680
Ion Ratio Lower Upper
117 100
82 53.5 42.2 63.4
119 31.4 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064771.D
Acq: 06 Jan 2020 14:13

Tgt Ion:152 Resp: 342996
Ion Ratio Lower Upper
152 100
115 55.5 27.8 83.4
150 155.8 0.0 351.4

