

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102620\
 Data File : VD067400.D
 Acq On : 26 Oct 2020 18:48
 Operator : VA/SY
 Sample : L4510-14
 Misc : 5.61G/5.00ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC-14

Quant Time: Oct 27 01:39:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

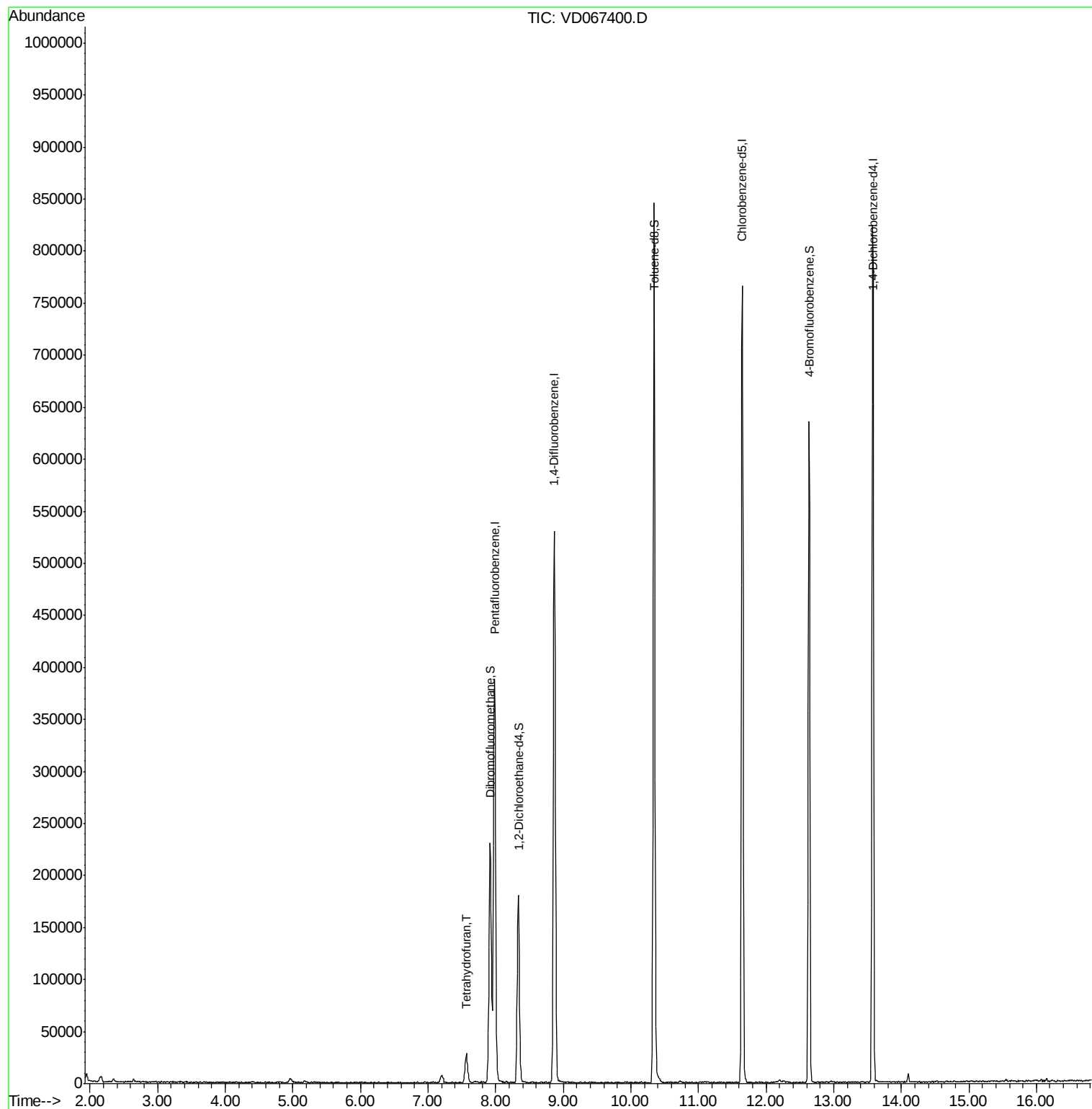
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	300310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	484178	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	474960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	231317	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	157978	52.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.02%	
35) Dibromofluoromethane	7.92	113	161184	50.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.04%	
50) Toluene-d8	10.34	98	572649	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
62) 4-Bromofluorobenzene	12.64	95	199086	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
Target Compounds						
29) Tetrahydrofuran	7.57	42	18722	70.121	ug/l	Qvalue 95

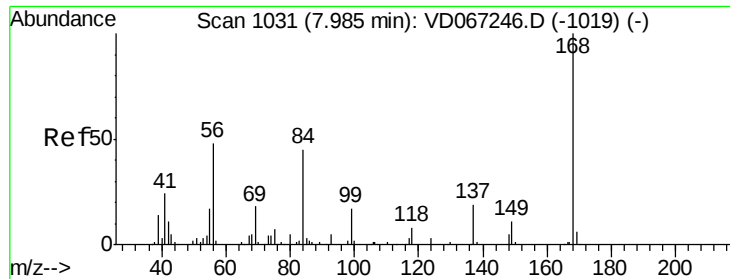
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

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ClientSampleId :

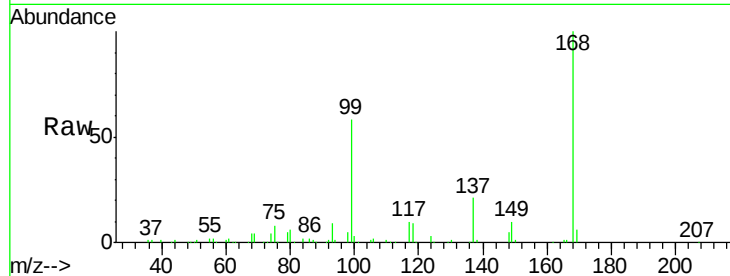
VOC-14

Tot Ion:168 Resp: 300310

Ion Ratio Lower Upper

168 100

99 58.5 45.9 68.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

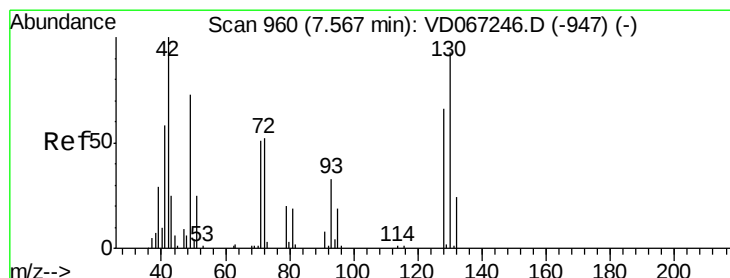
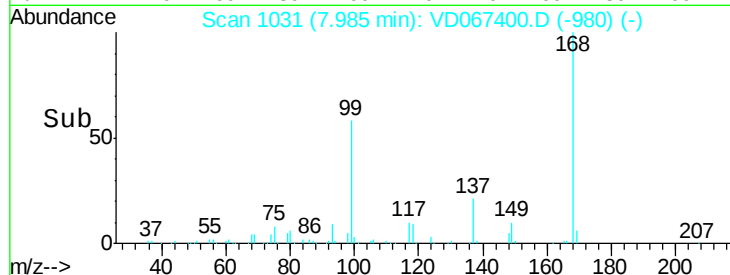
150000

100000

50000

0

Time-->



#29

Tetrahydrofuran

Concen: 70.121 ug/l

RT: 7.57 min Scan# 960

Delta R.T. 0.00 min

Lab File: VD067400.D

Acq: 26 Oct 2020 18:48

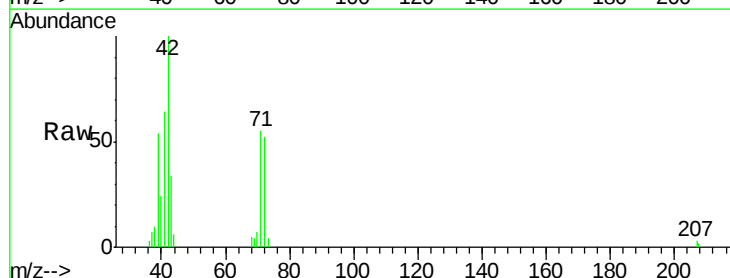
Tgt Ion: 42 Resp: 18722

Ion Ratio Lower Upper

42 100

72 55.0 43.2 64.8

71 54.9 39.4 59.0



Abundance Ion 42.00 (41.70 to 42.70): VDC

Ion 72.00 (71.70 to 72.70): VDC

Ion 71.00 (70.70 to 71.70): VDC

7.57

8000

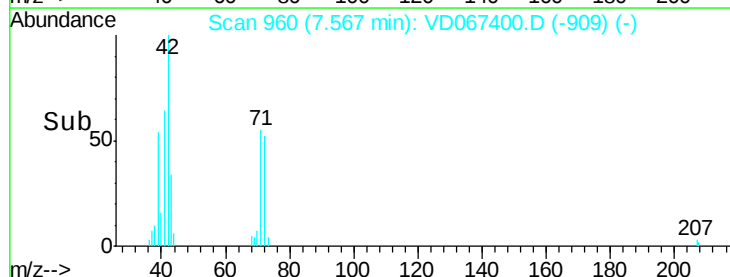
6000

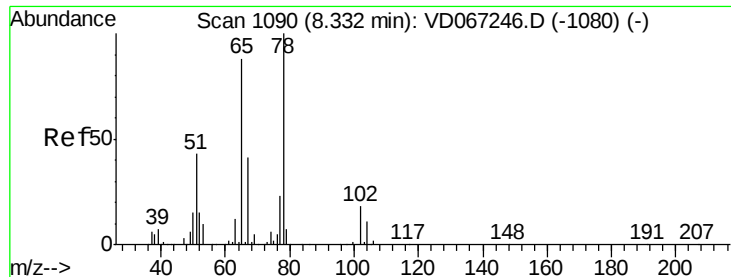
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 52.508 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067400.D

Acq: 26 Oct 2020 18:48

Instrument :

MSVOA_D

ClientSampleId :

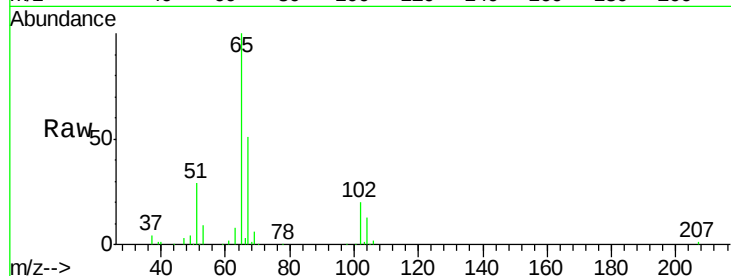
VOC-14

Tot Ion: 65 Resp: 157978

Ion Ratio Lower Upper

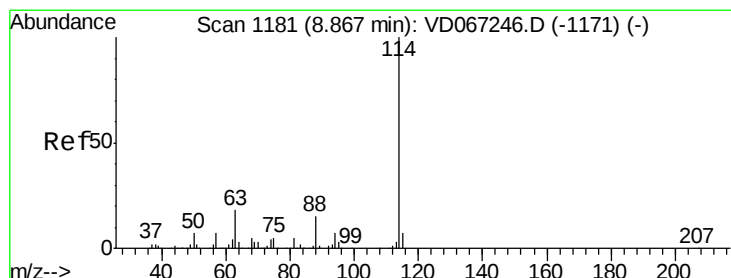
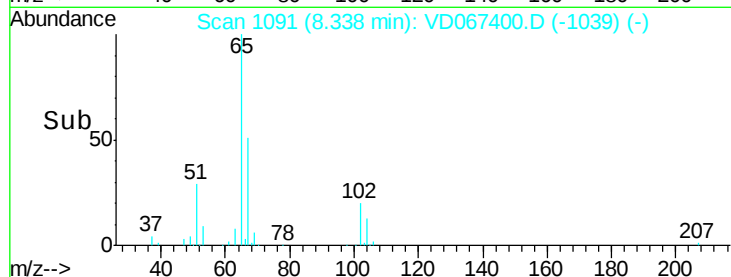
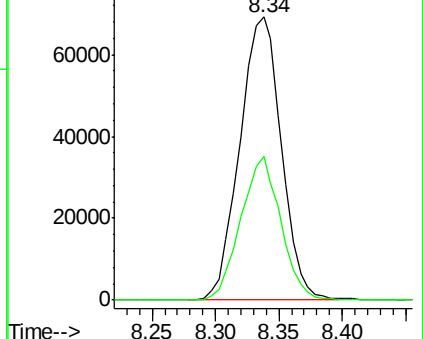
65 100

67 48.7 0.0 103.8



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: VD067400.D

Acq: 26 Oct 2020 18:48

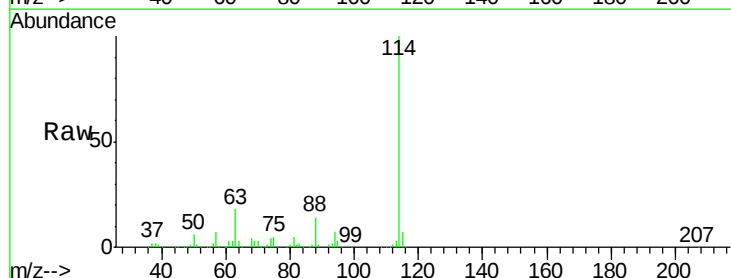
Tgt Ion: 114 Resp: 484178

Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.0

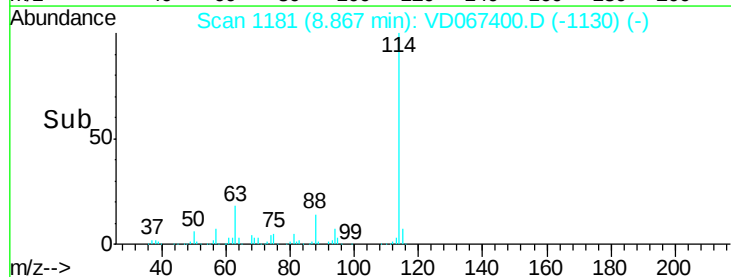
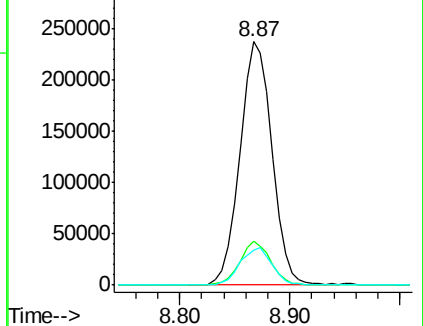
88 14.4 0.0 30.6

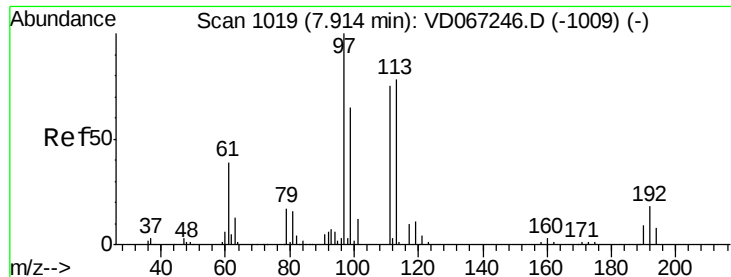


Abundance Ion 113.90 (113.60 to 114.60): VDC

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

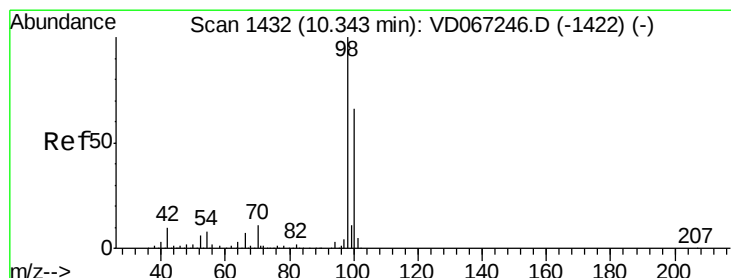
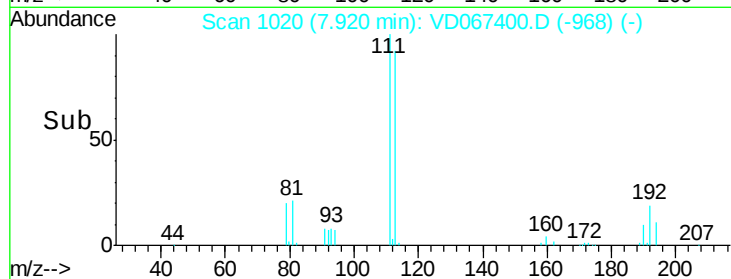
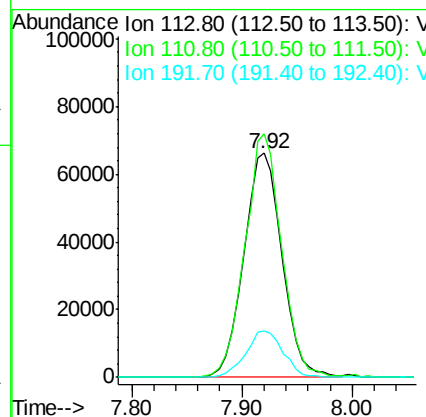
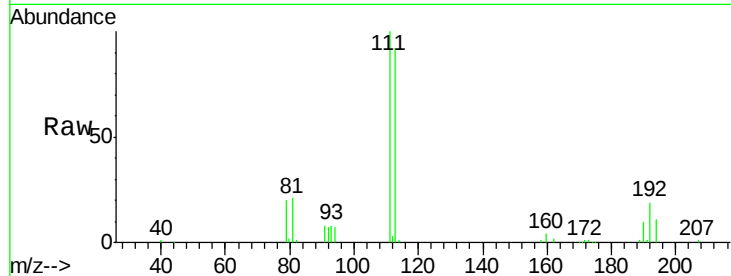




#35
 Dibromofluoromethane
 Concen: 50.023 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067400.D
 Acq: 26 Oct 2020 18:48

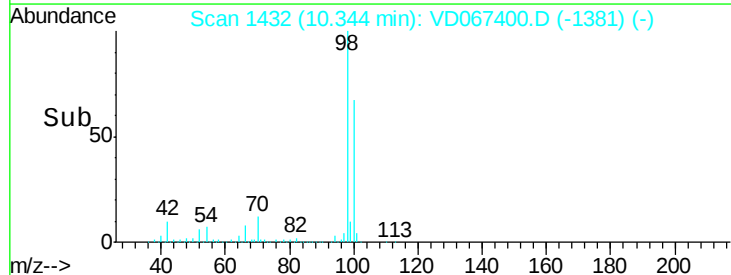
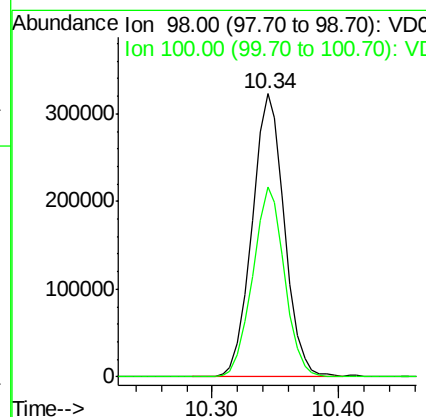
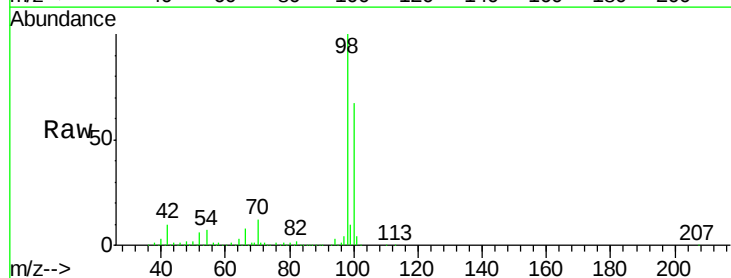
Instrument :
 MSVOA_D
 ClientSampleId :
 VOC-14

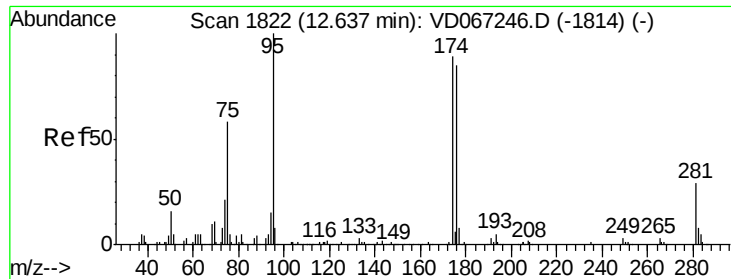
Tot Ion:113 Resp: 161184
 Ion Ratio Lower Upper
 113 100
 111 104.3 81.6 122.4
 192 20.2 17.0 25.4



#50
 Toluene-d8
 Concen: 49.108 ug/l
 RT: 10.34 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: VD067400.D
 Acq: 26 Oct 2020 18:48

Tgt Ion: 98 Resp: 572649
 Ion Ratio Lower Upper
 98 100
 100 66.1 53.1 79.7

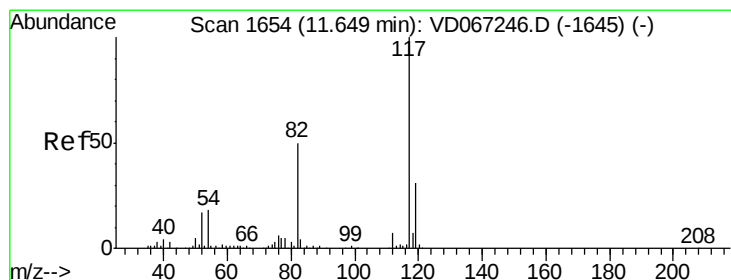
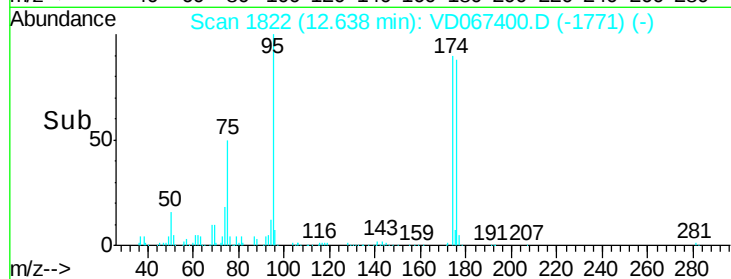
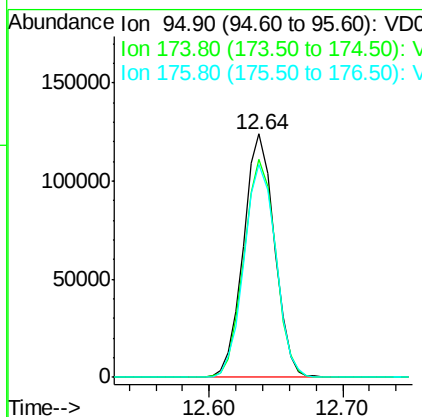
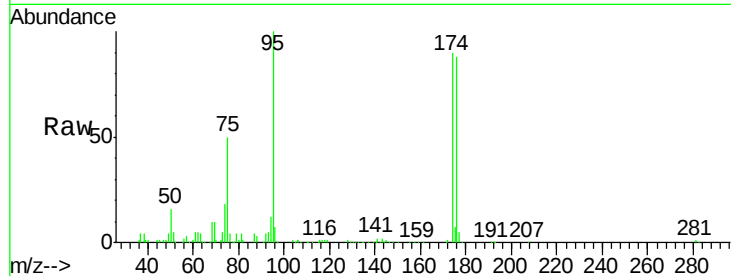




#62
4-Bromofluorobenzene
Concen: 49.100 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067400.D
Acq: 26 Oct 2020 18:48

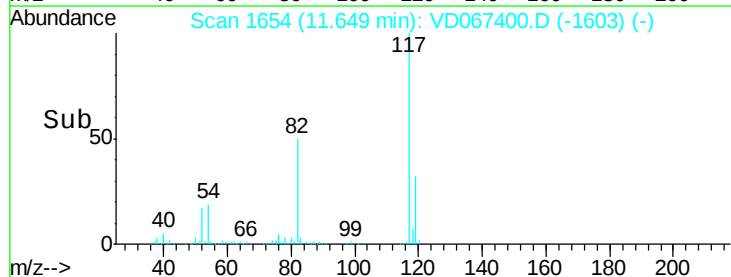
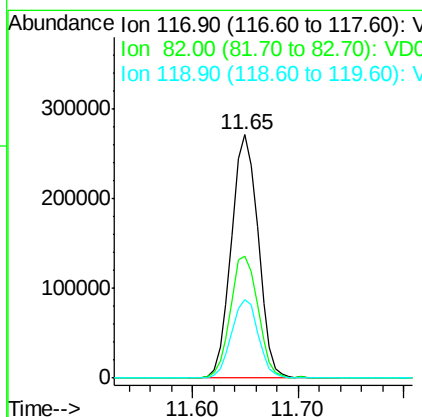
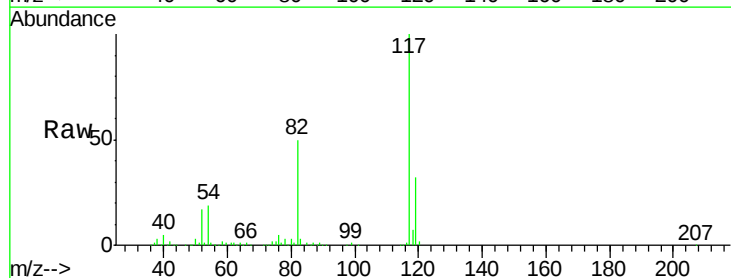
Instrument :
MSVOA_D
ClientSampleId :
VOC-14

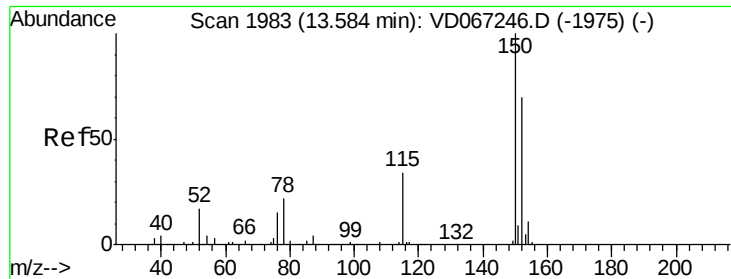
Tot Ion: 95 Resp: 199086
Ion Ratio Lower Upper
95 100
174 91.4 0.0 175.2
176 89.7 0.0 168.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067400.D
Acq: 26 Oct 2020 18:48

Tgt Ion: 117 Resp: 474960
Ion Ratio Lower Upper
117 100
82 50.2 39.9 59.9
119 32.1 24.9 37.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1983

Delta R.T. 0.00 min

Lab File: VD067400.D

Acq: 26 Oct 2020 18:48

Instrument :

MSVOA_D

ClientSampleId :

VOC-14

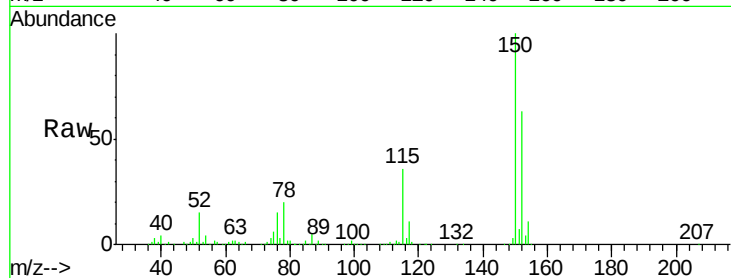
Tot Ion:152 Resp: 231317

Ion Ratio Lower Upper

152 100

115 58.8 29.3 87.9

150 157.5 0.0 339.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

