

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102620\
 Data File : VD067397.D
 Acq On : 26 Oct 2020 17:25
 Operator : VA/SY
 Sample : L4510-09
 Misc : 6.24G/5.00ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOC-9

Quant Time: Oct 27 01:34:58 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	292255	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	479193	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	476067	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	236155	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	151936	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
35) Dibromofluoromethane	7.92	113	156349	49.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.06%	
50) Toluene-d8	10.34	98	578101	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
62) 4-Bromofluorobenzene	12.64	95	202942	50.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.14%	

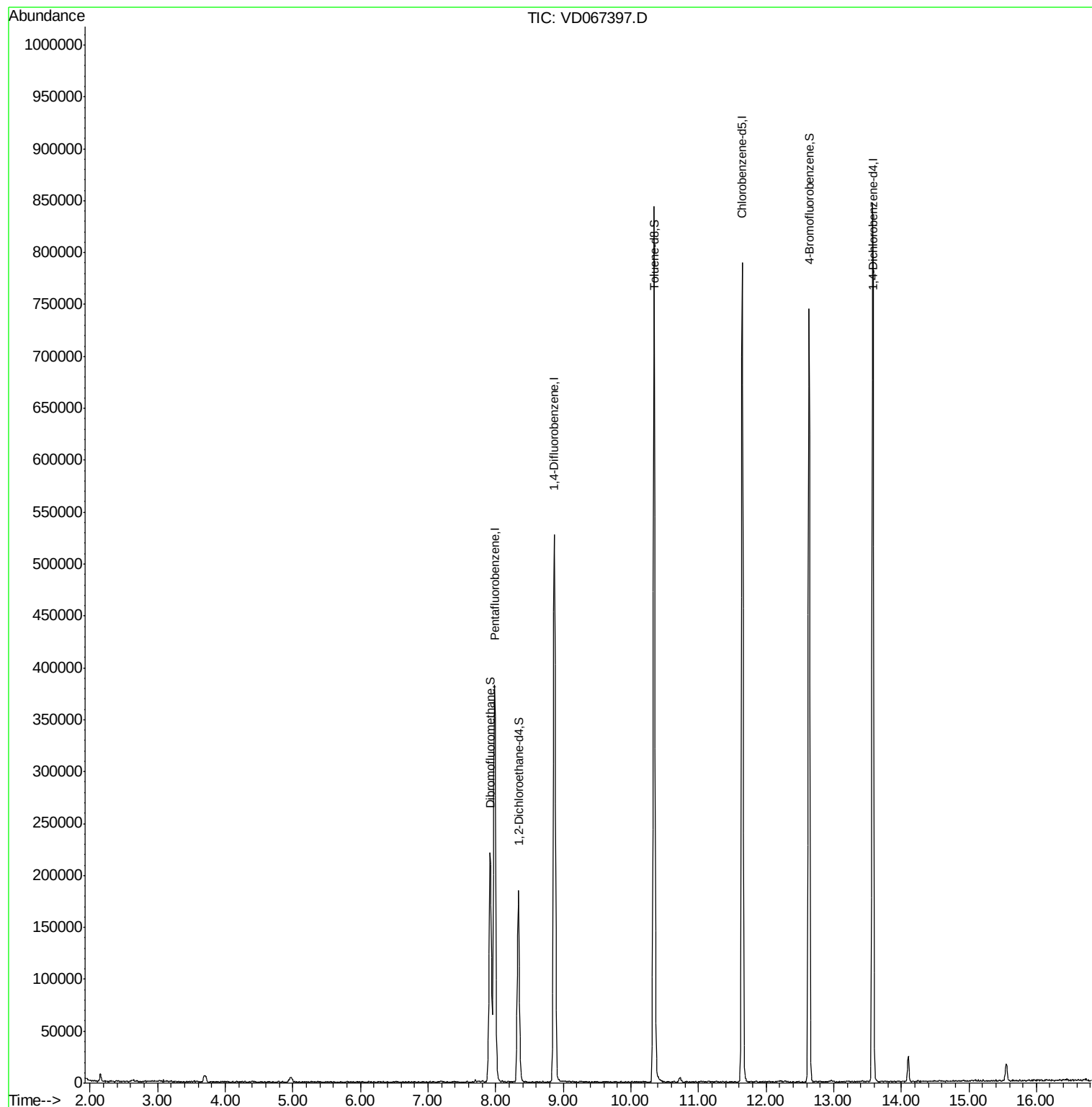
Target Compounds	Qvalue

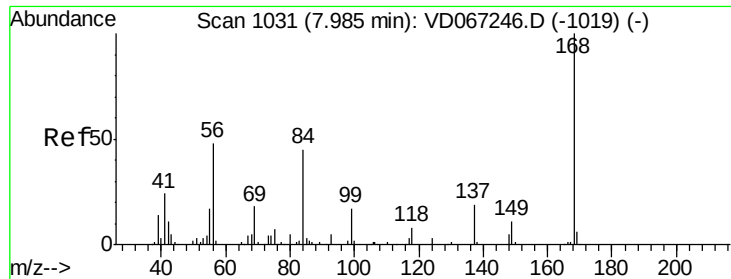
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067397.D

Acq: 26 Oct 2020 17:25

Instrument :

MSVOA_D

ClientSampleID :

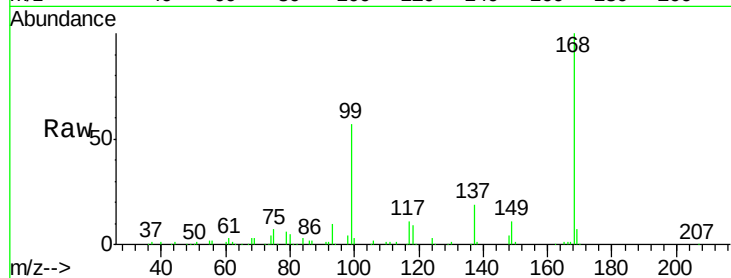
VOC-9

Tot Ion:168 Resp: 292255

Ion Ratio Lower Upper

168 100

99 57.1 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

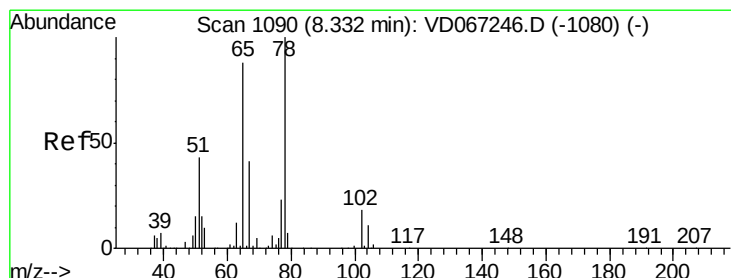
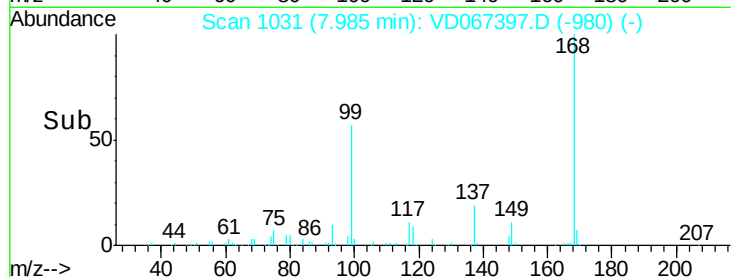
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.891 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067397.D

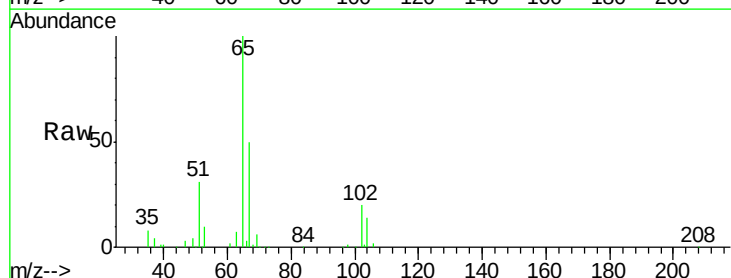
Acq: 26 Oct 2020 17:25

Tgt Ion: 65 Resp: 151936

Ion Ratio Lower Upper

65 100

67 50.5 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

80000

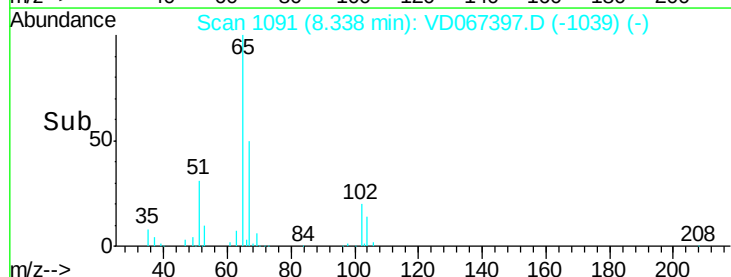
60000

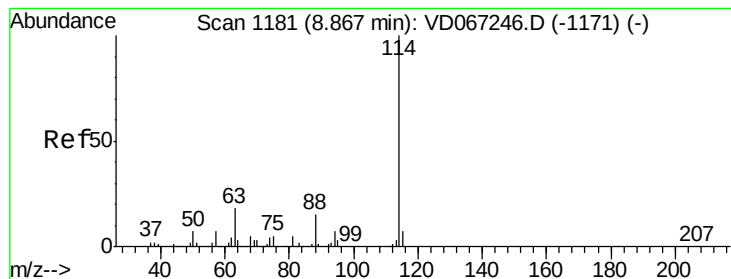
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067397.D

Acq: 26 Oct 2020 17:25

Instrument :

MSVOA_D

ClientSampleId :

VOC-9

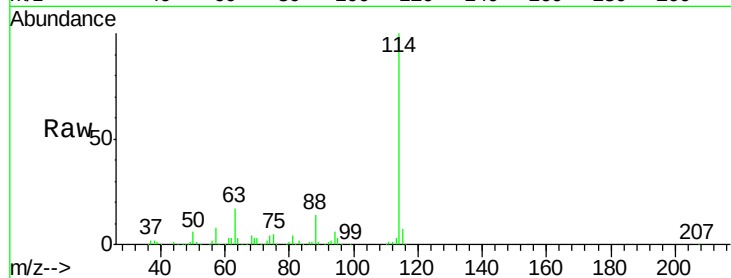
Tot Ion:114 Resp: 479193

Ion Ratio Lower Upper

114 100

63 16.7 0.0 35.0

88 14.3 0.0 30.6



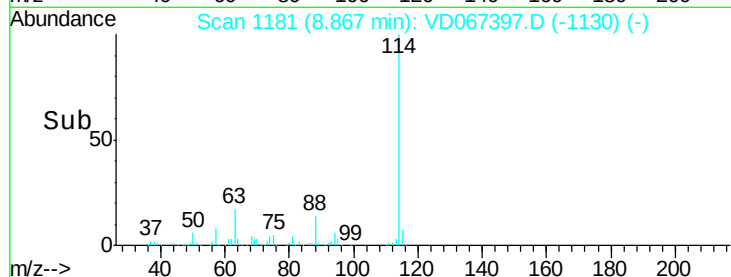
Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

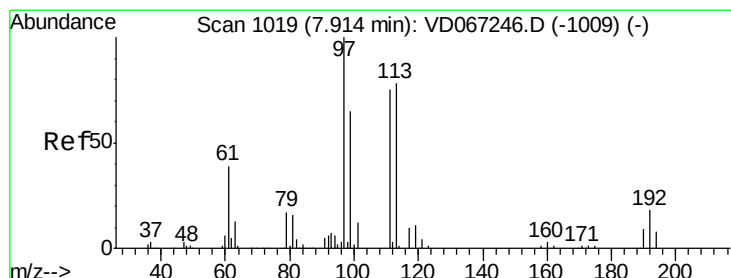
Ion 87.90 (87.60 to 88.60): V

8.87

Time-->



Time-->



#35

Dibromofluoromethane

Concen: 49.027 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.01 min

Lab File: VD067397.D

Acq: 26 Oct 2020 17:25

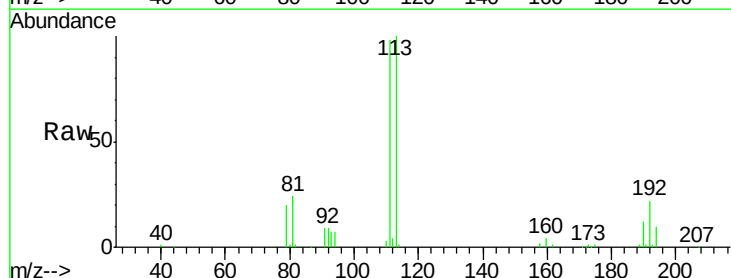
Tgt Ion:113 Resp: 156349

Ion Ratio Lower Upper

113 100

111 104.2 81.6 122.4

192 22.1 17.0 25.4



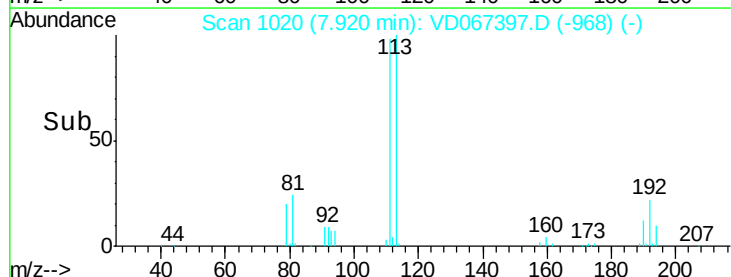
Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

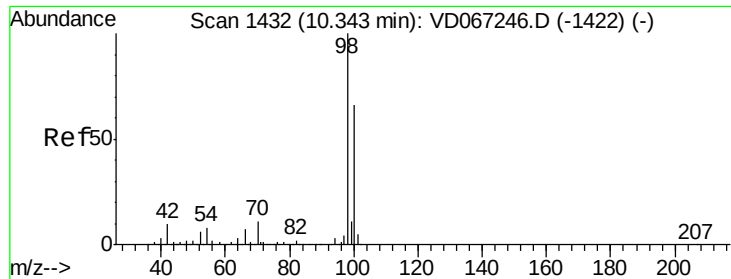
Ion 191.70 (191.40 to 192.40): V

7.92

Time-->



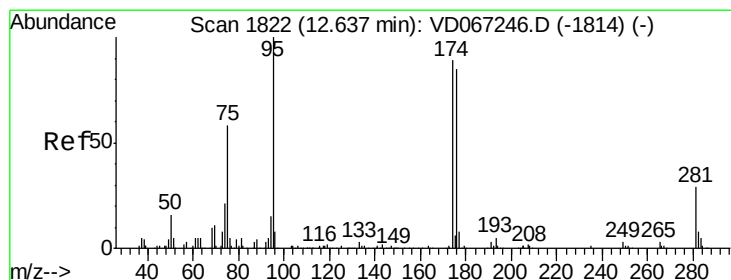
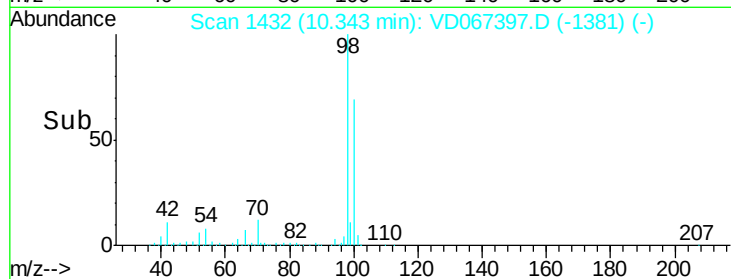
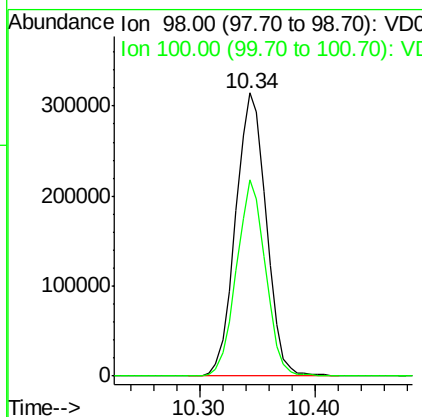
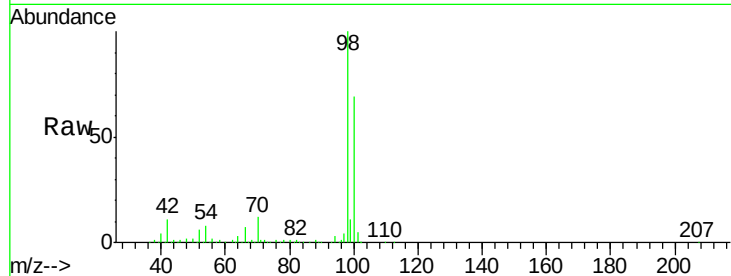
Time-->



#50
Toluene-d8
Concen: 50.092 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067397.D
Acq: 26 Oct 2020 17:25

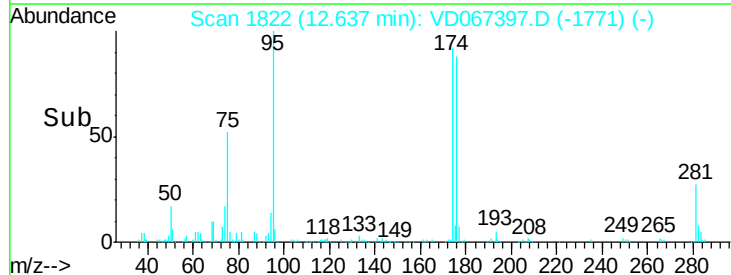
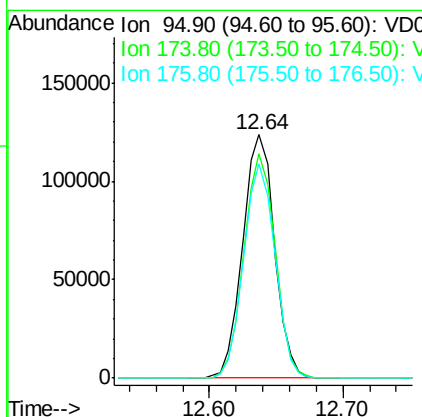
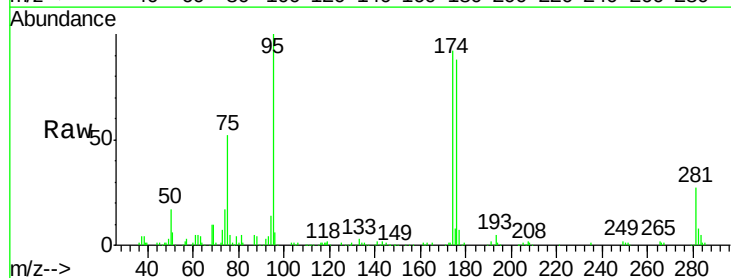
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VOC-9

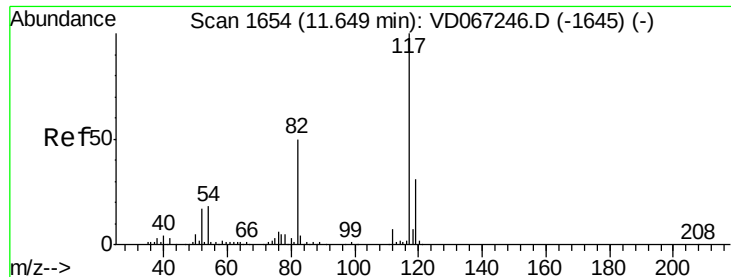
Tot Ion: 98 Resp: 578101
Ion Ratio Lower Upper
98 100
100 65.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 50.571 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067397.D
Acq: 26 Oct 2020 17:25

Tgt Ion: 95 Resp: 202942
Ion Ratio Lower Upper
95 100
174 91.0 0.0 175.2
176 87.0 0.0 168.6

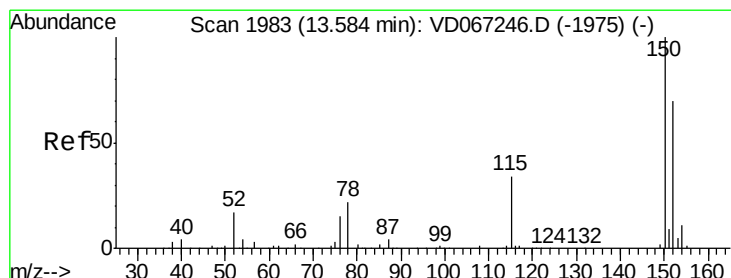
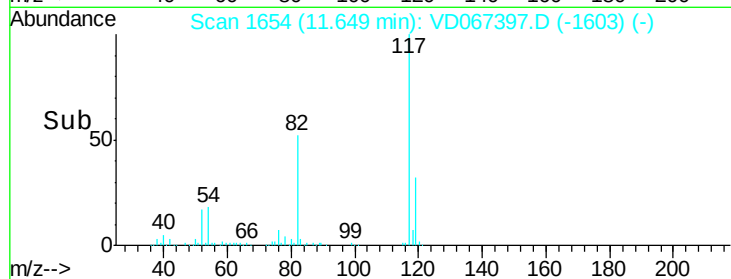
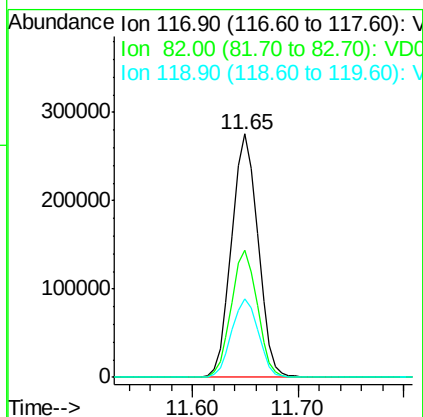
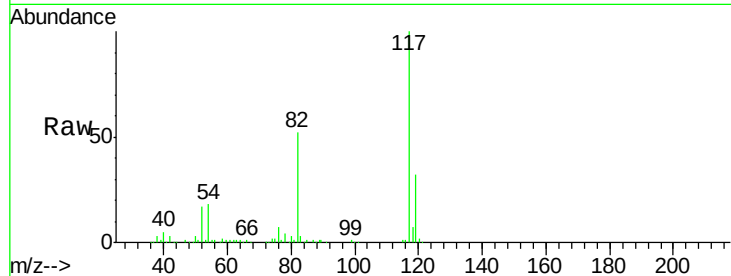




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067397.D
Acq: 26 Oct 2020 17:25

Instrument :
MSVOA_D
ClientSampleId :
VOC-9

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.2	39.9	59.9
119	32.4	24.9	37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067397.D
Acq: 26 Oct 2020 17:25

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.8	29.3	87.9
150	155.5	0.0	339.0

