

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD101620\
 Data File : VD067297.D
 Acq On : 16 Oct 2020 14:13
 Operator : VA/SY
 Sample : L4218-01
 Misc : 7.12G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-01-101520

Quant Time: Oct 17 01:06:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 14 03:30:30 2020
 Response via : Initial Calibration

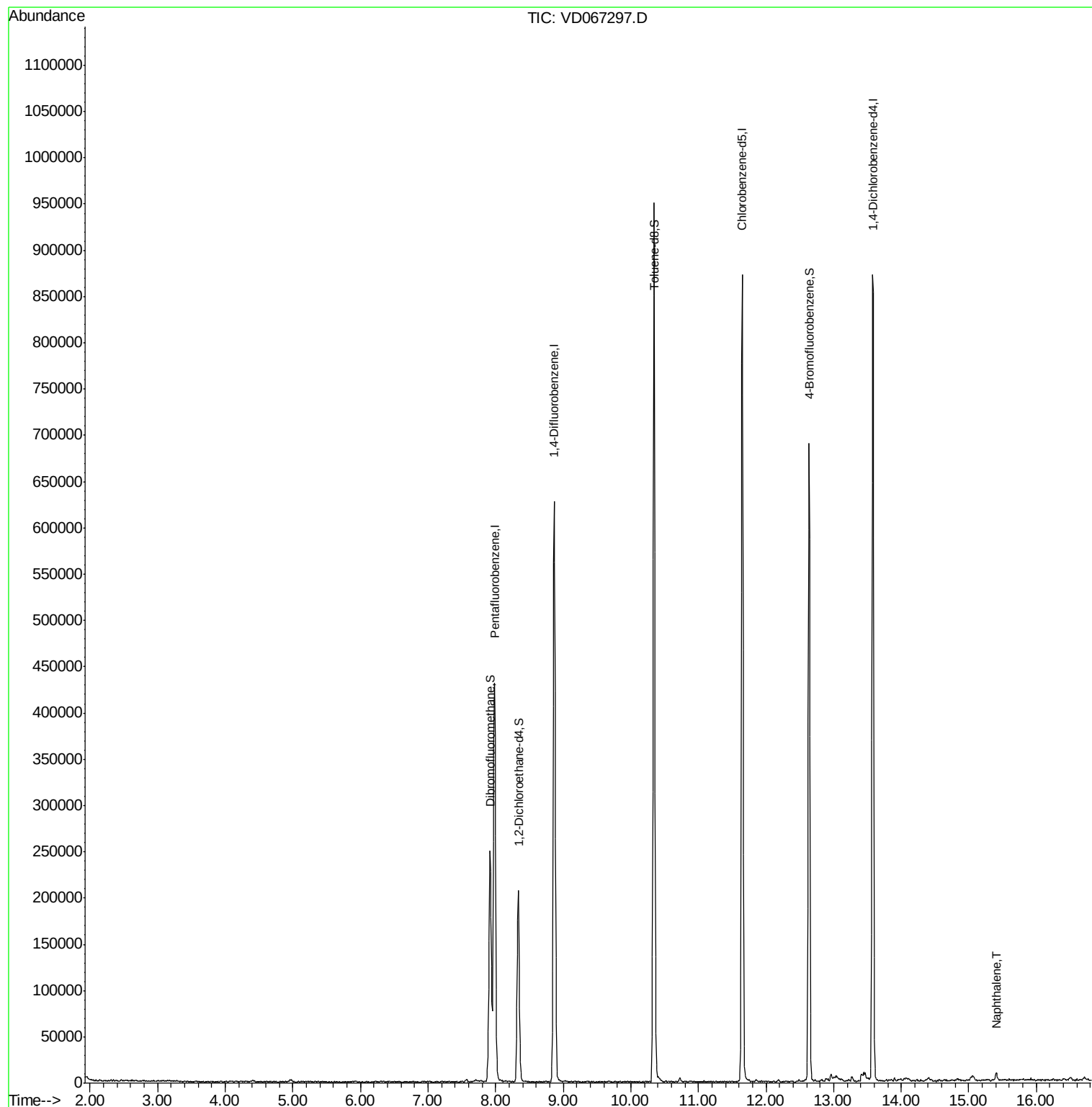
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	331853	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	555595	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	518885	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	240199	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	179508	53.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.98%	
35) Dibromofluoromethane	7.91	113	180341	48.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.54%	
50) Toluene-d8	10.34	98	649897	48.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.14%	
62) 4-Bromofluorobenzene	12.64	95	222148	47.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.48%	
Target Compounds						
95) Naphthalene	15.41	128	8800	1.244	ug/l	Qvalue 97

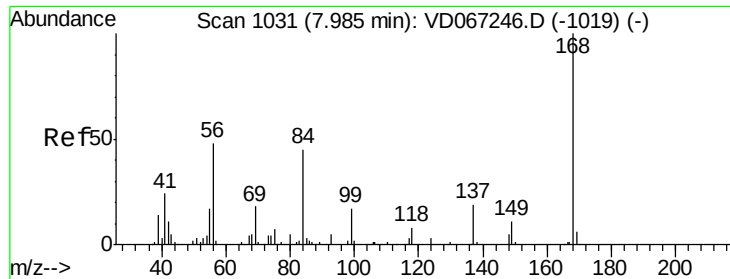
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067297.D

Acq: 16 Oct 2020 14:13

Instrument :

MSVOA_D

ClientSampleId :

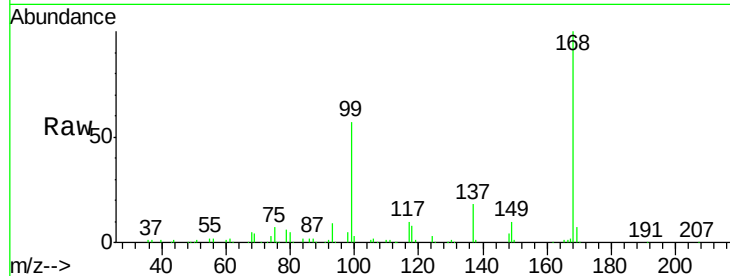
HD-01-101520

Tot Ion:168 Resp: 331853

Ion Ratio Lower Upper

168 100

99 57.4 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

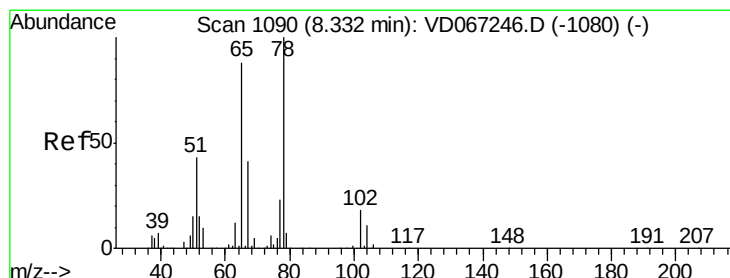
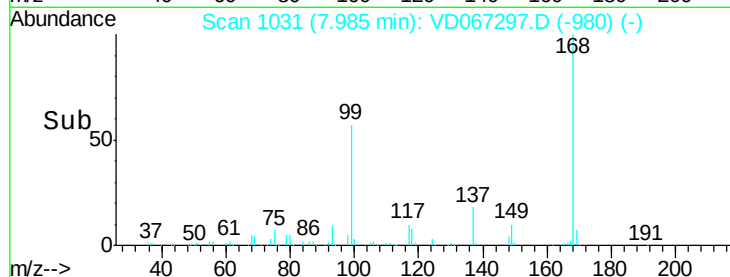
100000

50000

0

7.90 8.00 8.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.993 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067297.D

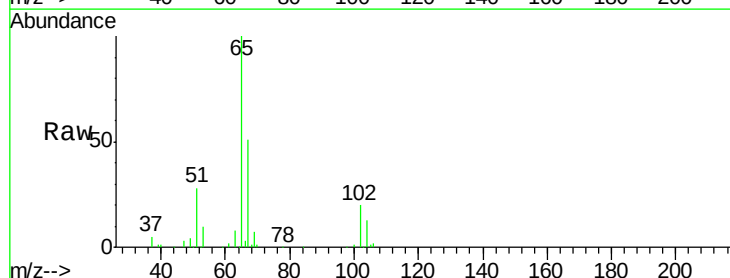
Acq: 16 Oct 2020 14:13

Tgt Ion: 65 Resp: 179508

Ion Ratio Lower Upper

65 100

67 48.9 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

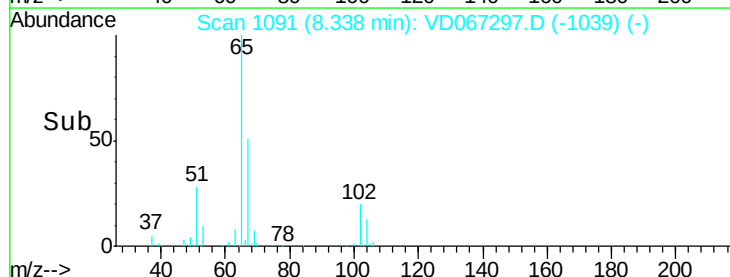
40000

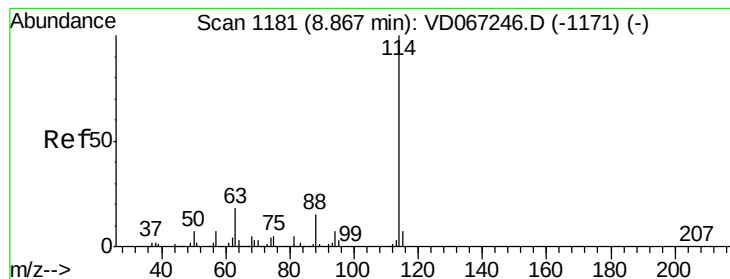
20000

0

8.25 8.30 8.35 8.40

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.87 min Scan# 1181

Delta R.T. 0.00 min

Lab File: VD067297.D

Acq: 16 Oct 2020 14:13

Instrument :

MSVOA_D

ClientSampleId :

HD-01-101520

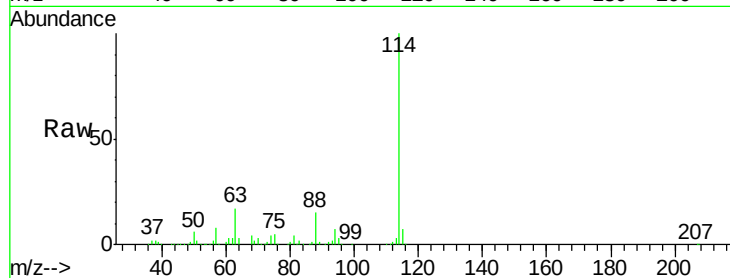
Tot Ion:114 Resp: 555595

Ion Ratio Lower Upper

114 100

63 17.3 0.0 35.0

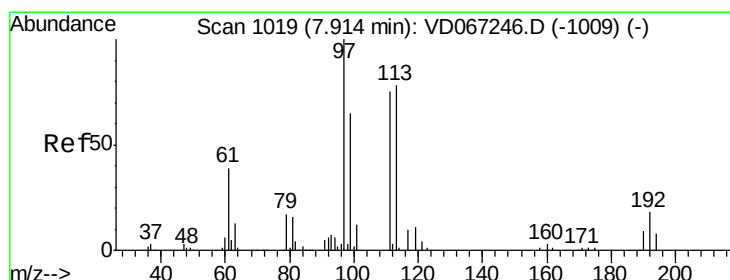
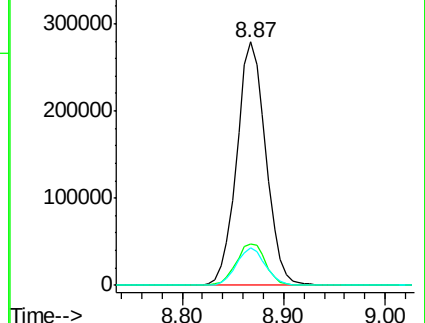
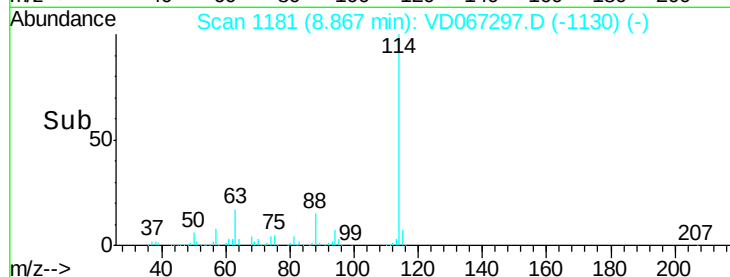
88 15.3 0.0 30.6



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



#35

Dibromofluoromethane

Concen: 48.774 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.00 min

Lab File: VD067297.D

Acq: 16 Oct 2020 14:13

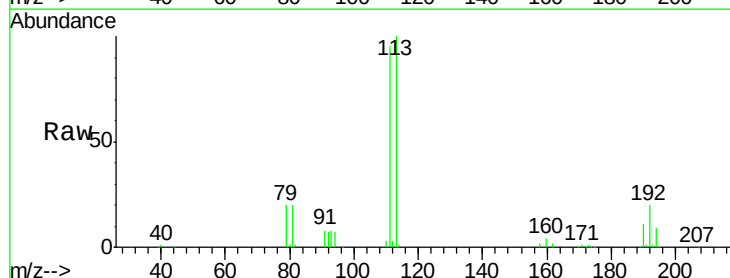
Tgt Ion:113 Resp: 180341

Ion Ratio Lower Upper

113 100

111 102.7 81.6 122.4

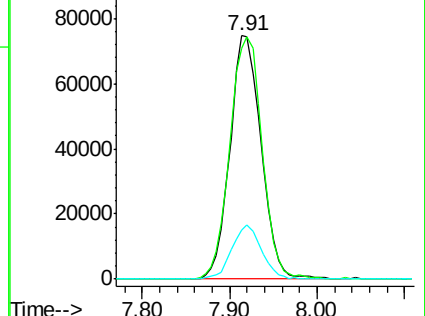
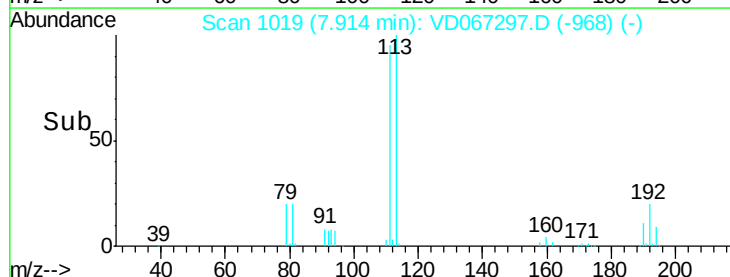
192 21.0 17.0 25.4

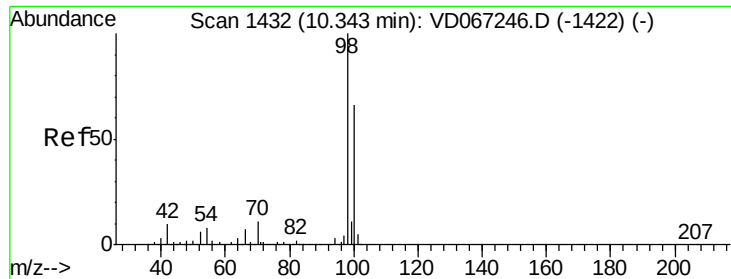


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

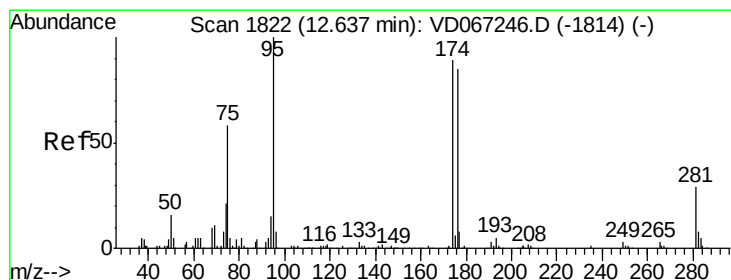
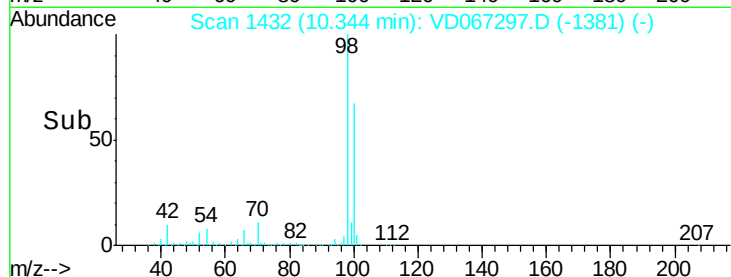
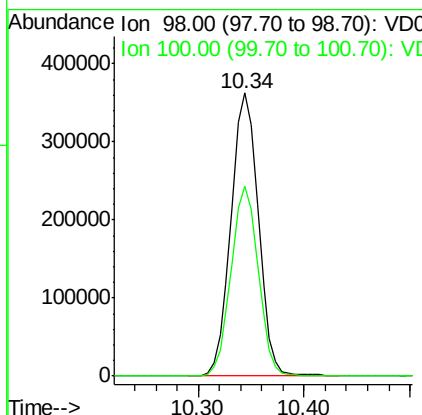
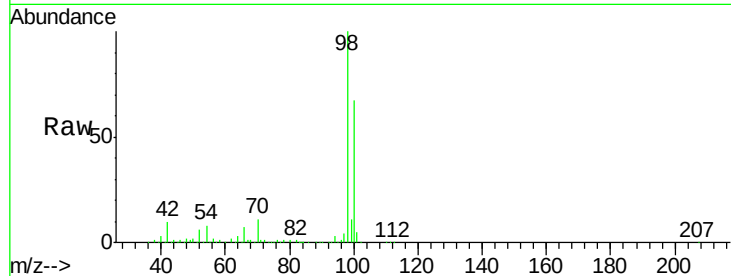




#50
Toluene-d8
Concen: 48.569 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067297.D
Acq: 16 Oct 2020 14:13

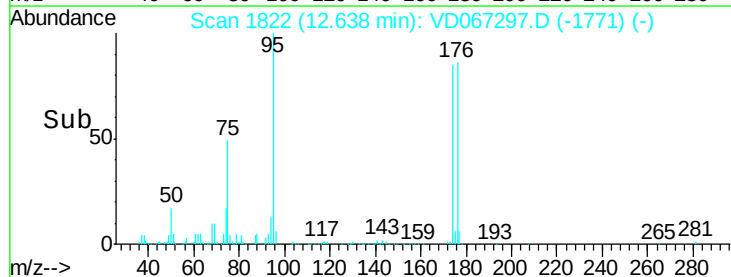
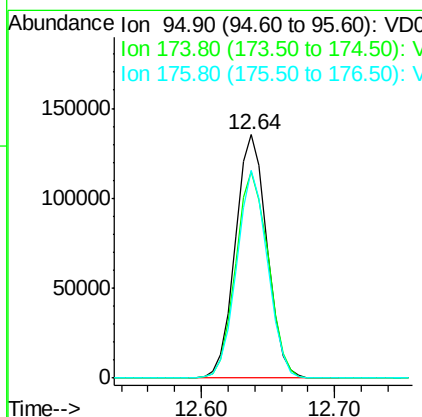
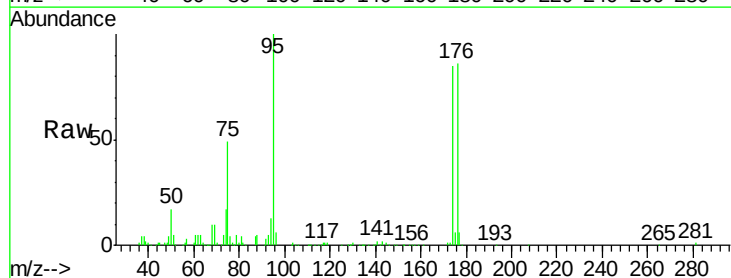
Instrument :
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HD-01-101520

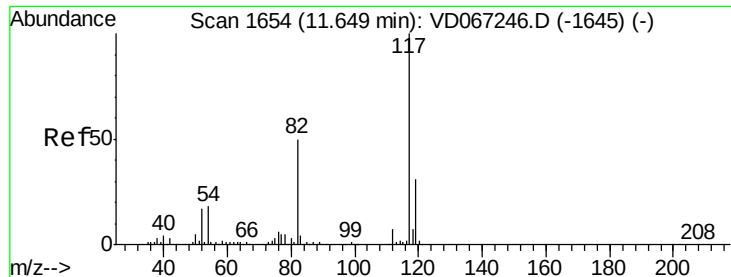
Tot Ion: 98 Resp: 649897
Ion Ratio Lower Upper
98 100
100 66.6 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 47.745 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067297.D
Acq: 16 Oct 2020 14:13

Tgt Ion: 95 Resp: 222148
Ion Ratio Lower Upper
95 100
174 87.0 0.0 175.2
176 83.0 0.0 168.6

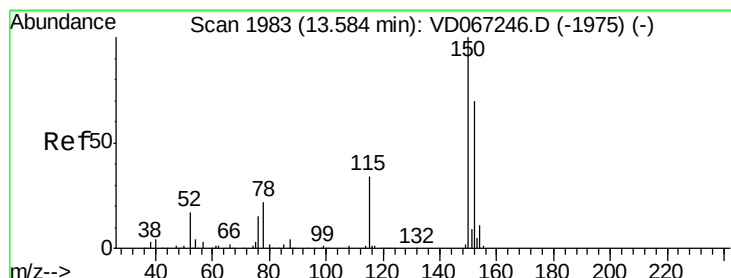
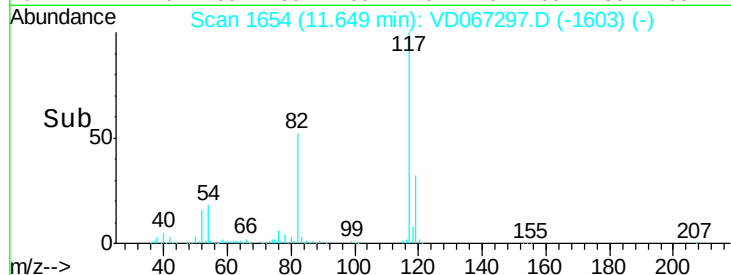
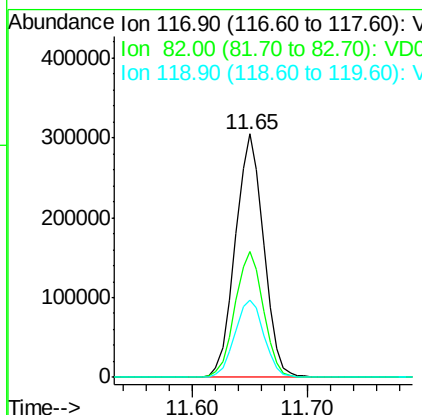
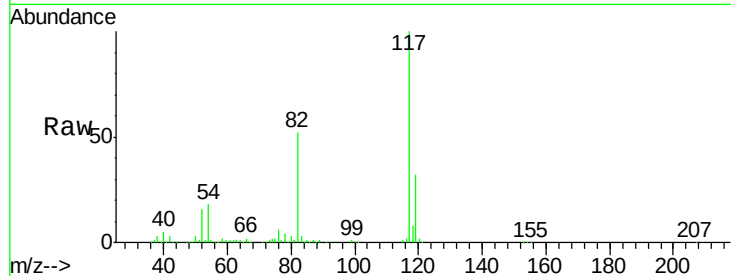




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067297.D
Acq: 16 Oct 2020 14:13

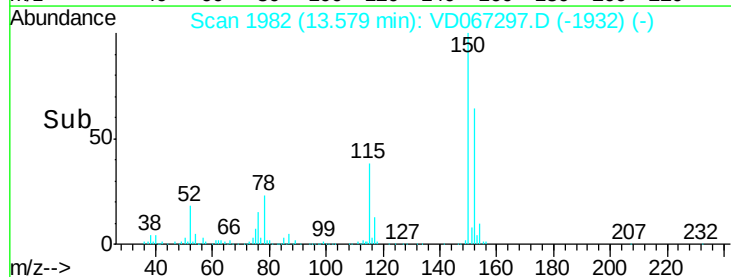
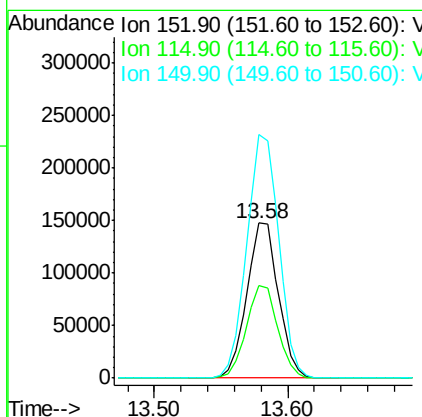
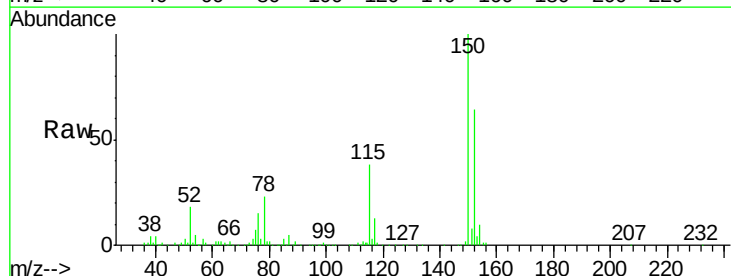
Instrument :
MSVOA_D
ClientSampleId :
HD-01-101520

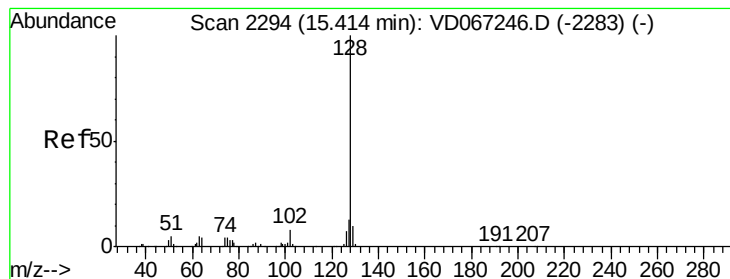
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.6	39.9	59.9
119	31.6	24.9	37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067297.D
Acq: 16 Oct 2020 14:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.4	29.3	87.9
150	159.4	0.0	339.0





#95

Naphthalene

Concen: 1.244 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.01 min

Lab File: VD067297.D

Acq: 16 Oct 2020 14:13

Instrument :

MSVOA_D

ClientSampleId :

HD-01-101520

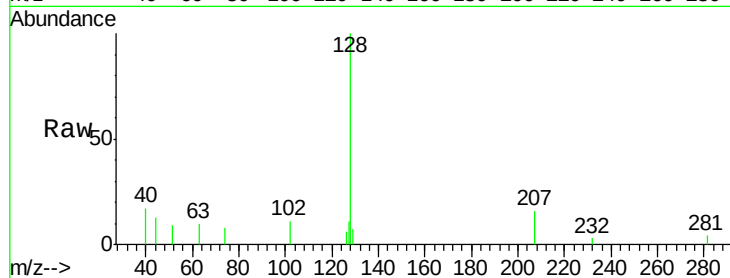
Tot Ion:128 Resp: 8800

Ion Ratio Lower Upper

128 100

127 13.5 10.4 15.6

129 12.7 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

