

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102720\
 Data File : VD067414.D
 Acq On : 27 Oct 2020 16:24
 Operator : VA/SY
 Sample : L4528-03
 Misc : 5.80G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-24245

Quant Time: Oct 28 01:25:26 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

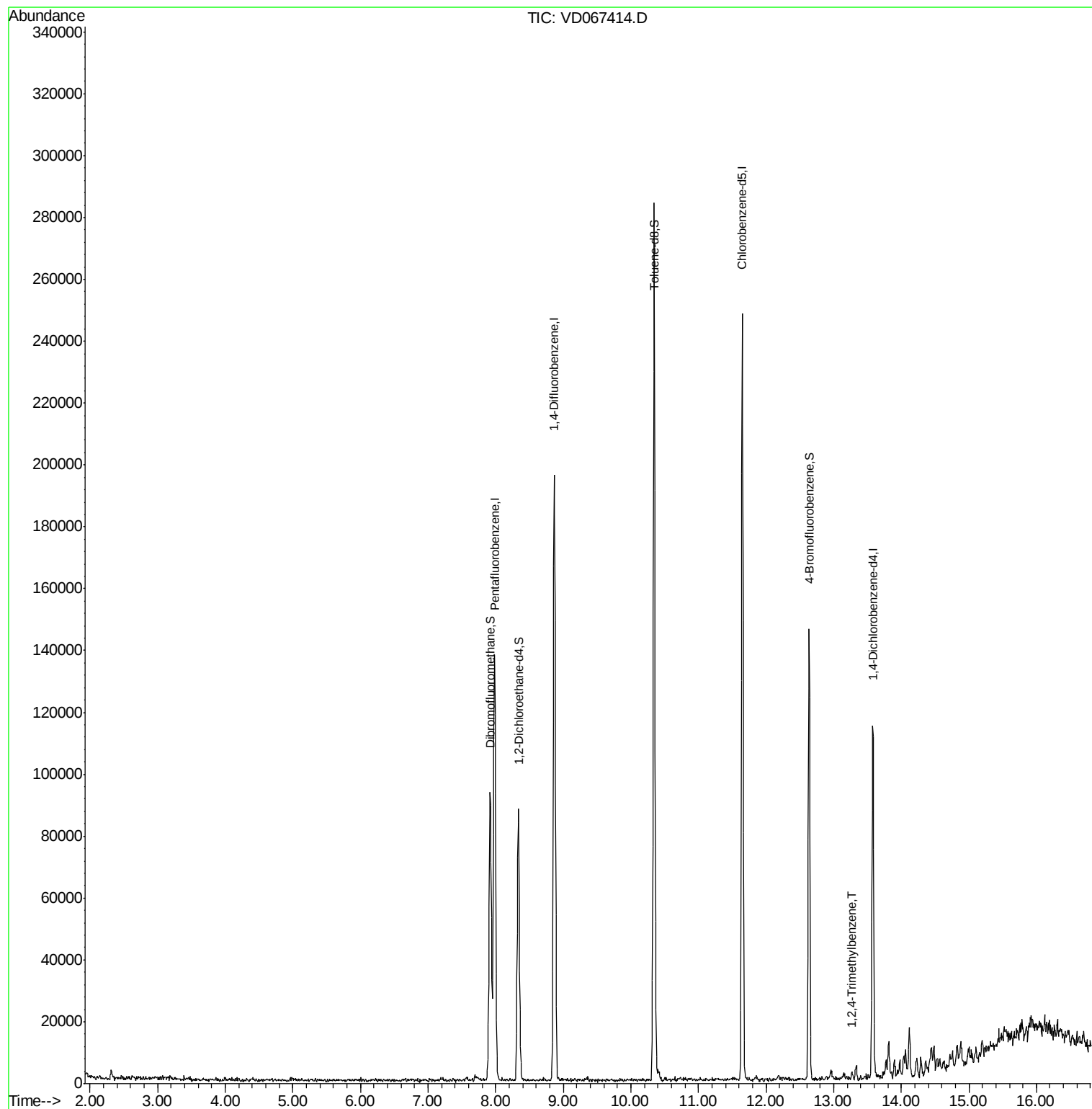
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	104987	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	174283	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	142515	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	30866	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	77559	73.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	147.48%	
35) Dibromofluoromethane	7.92	113	65822	56.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.50%	
50) Toluene-d8	10.34	98	198050	47.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.36%	
62) 4-Bromofluorobenzene	12.64	95	46526	31.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.76%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	13.27	105	1707	1.015	ug/l	Qvalue 84

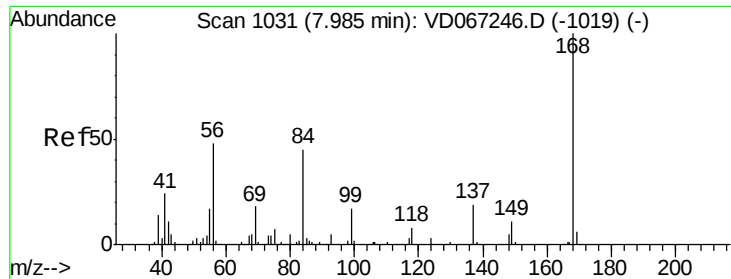
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD067414.D

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Instrument :

MSVOA_D

ClientSampleId :

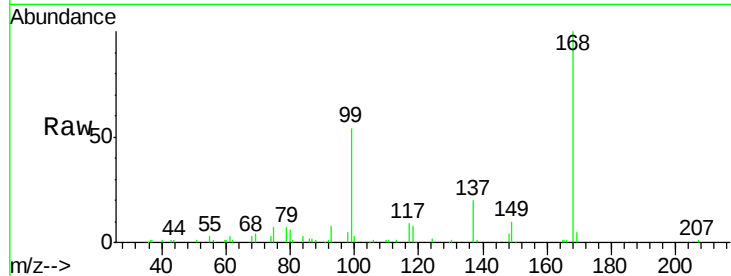
CHRT-24245

Tot Ion:168 Resp: 104987

Ion Ratio Lower Upper

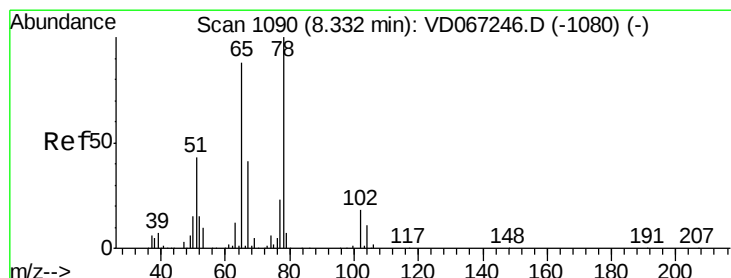
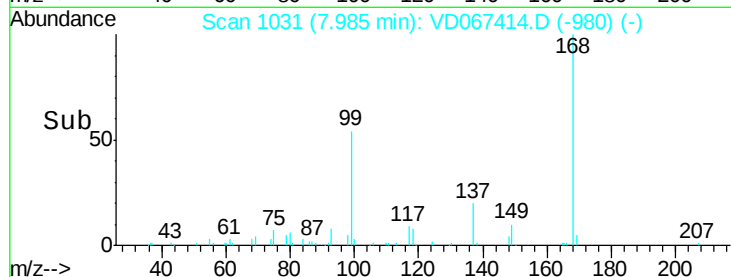
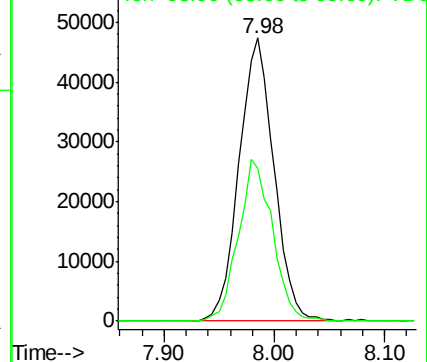
168 100

99 54.2 45.9 68.9



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: 73.738 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD067414.D

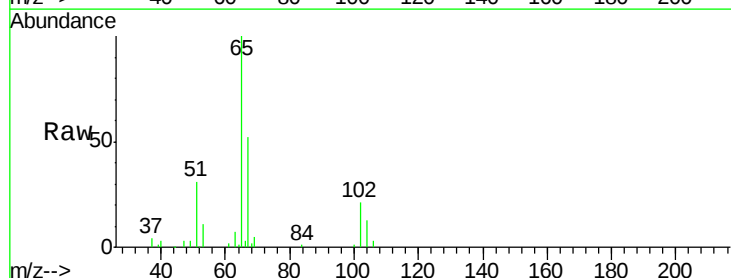
Acq: 27 Oct 2020 16:24

Tgt Ion: 65 Resp: 77559

Ion Ratio Lower Upper

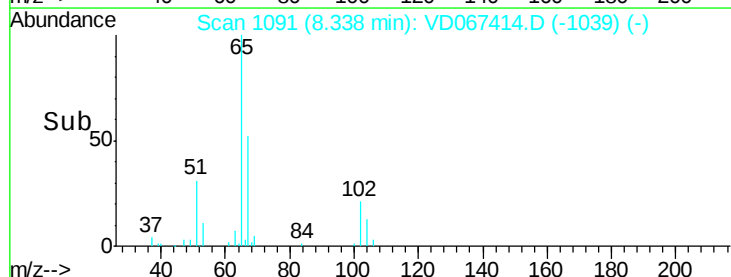
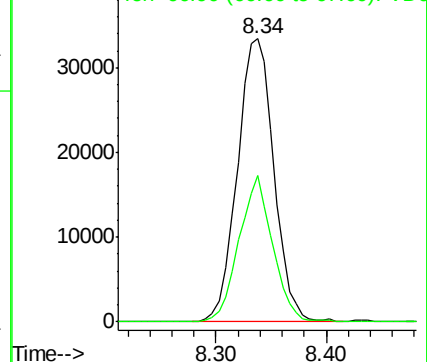
65 100

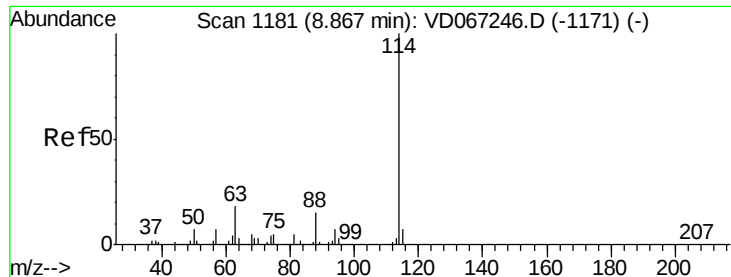
67 47.6 0.0 103.8



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

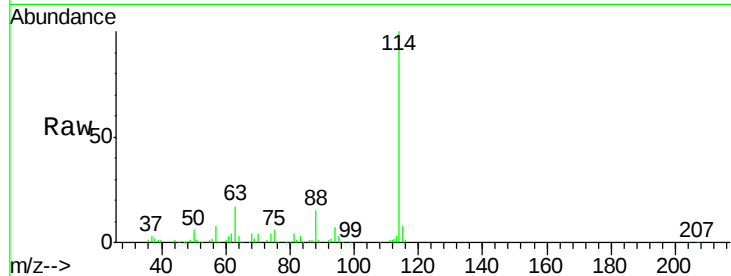




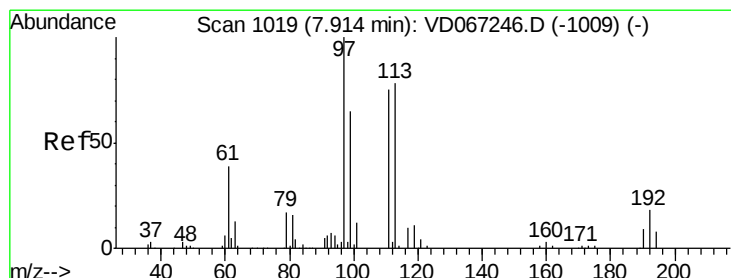
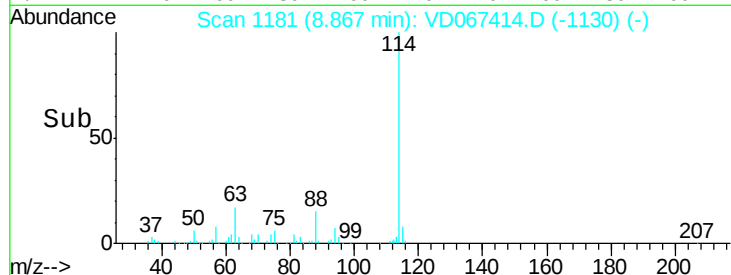
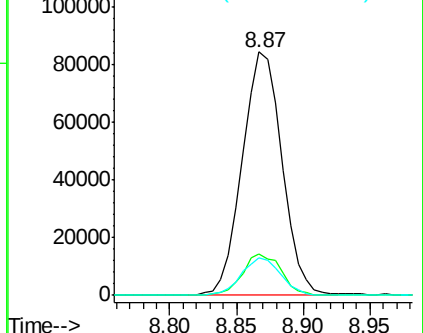
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067414.D
 Acq: 27 Oct 2020 16:24

Instrument :
 MSVOA_D
 ClientSampleId :
 CHRT-24245

Tot Ion:114 Resp: 174283
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 35.0
 88 15.4 0.0 30.6

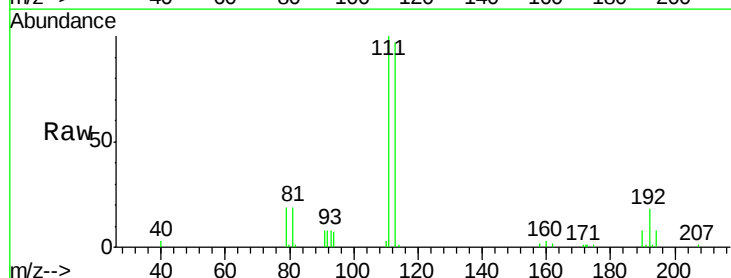


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

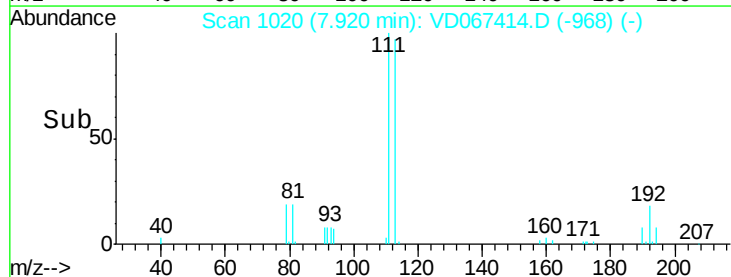
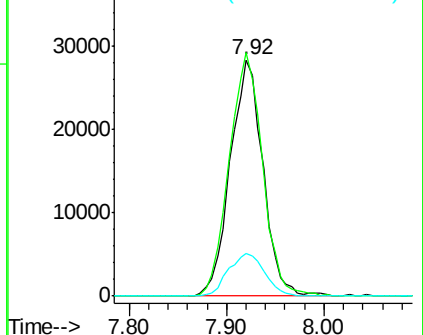


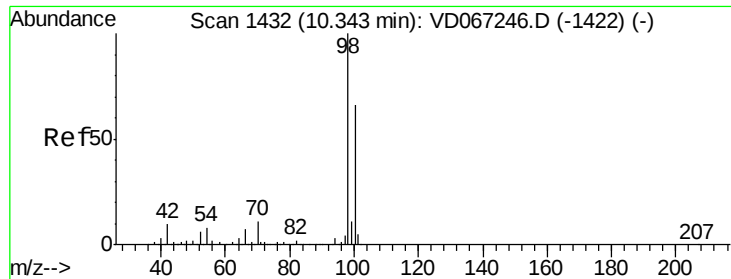
#35
 Dibromofluoromethane
 Concen: 56.750 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: VD067414.D
 Acq: 27 Oct 2020 16:24

Tgt Ion:113 Resp: 65822
 Ion Ratio Lower Upper
 113 100
 111 104.9 81.6 122.4
 192 20.0 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: 47.184 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD067414.D

Acq: 27 Oct 2020 16:24

Instrument :

MSVOA_D

ClientSampleId :

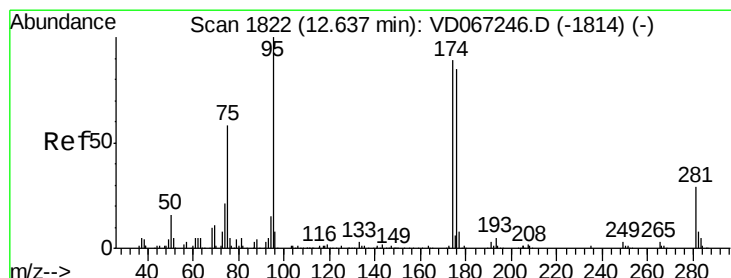
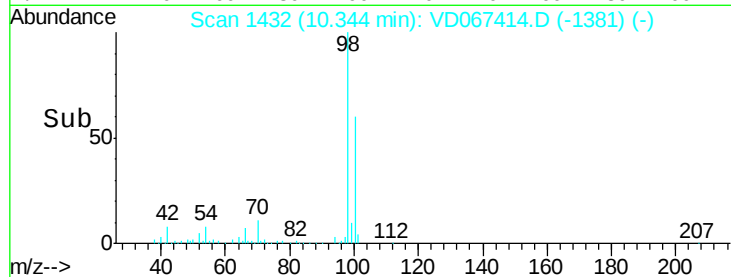
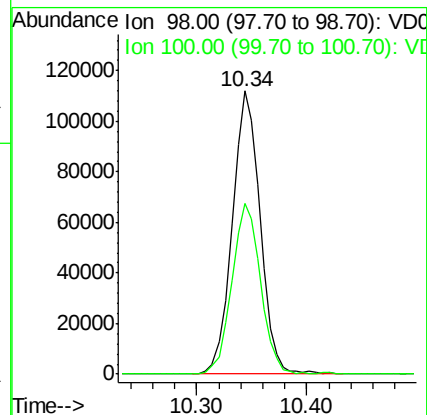
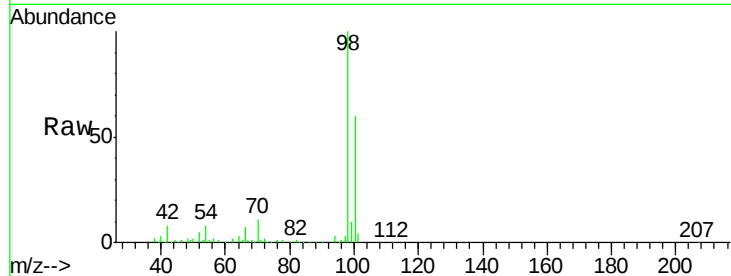
CHRT-24245

Tot Ion: 98 Resp: 198050

Ion Ratio Lower Upper

98 100

100 62.0 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 31.877 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD067414.D

Acq: 27 Oct 2020 16:24

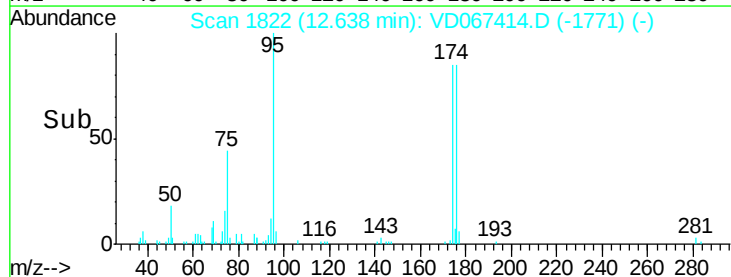
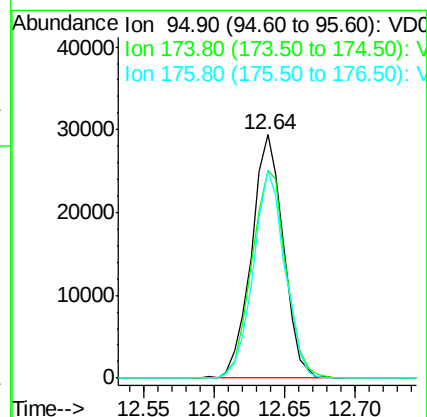
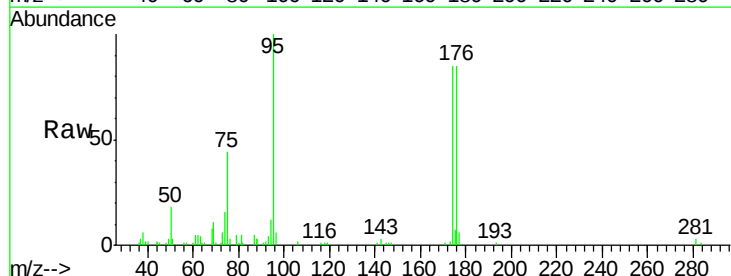
Tgt Ion: 95 Resp: 46526

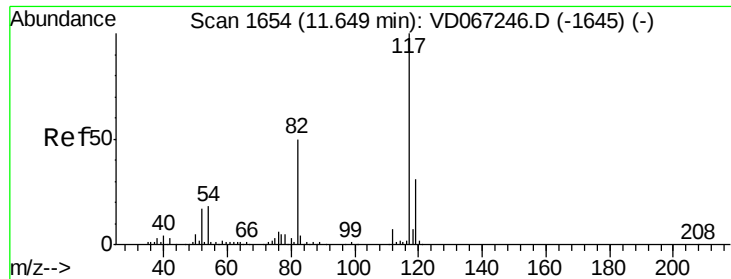
Ion Ratio Lower Upper

95 100

174 91.7 0.0 175.2

176 84.5 0.0 168.6

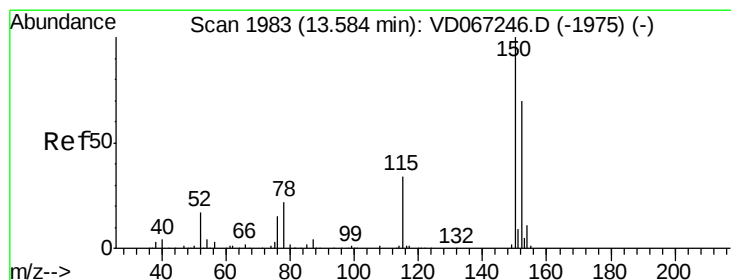
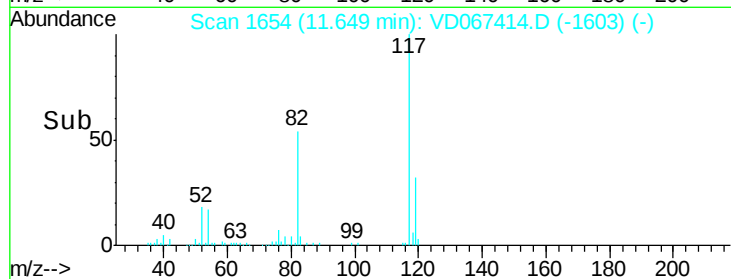
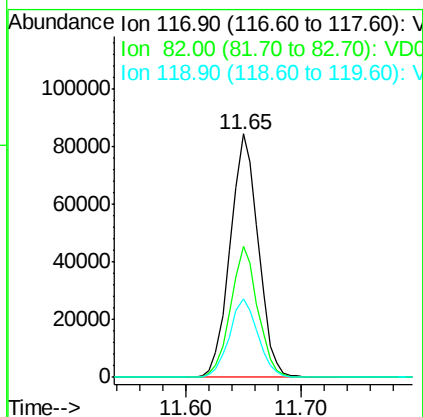
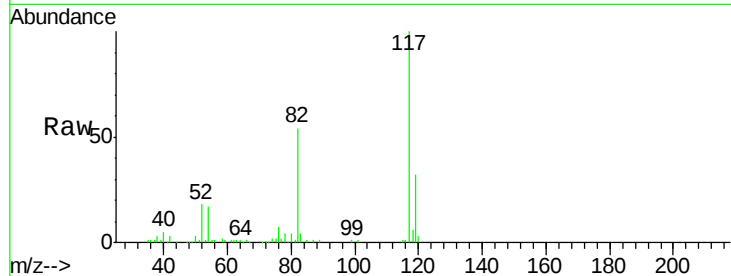




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067414.D
Acq: 27 Oct 2020 16:24

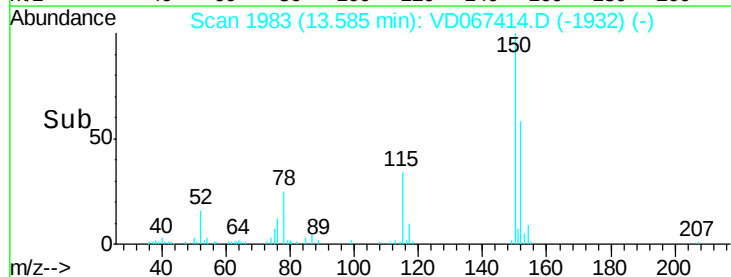
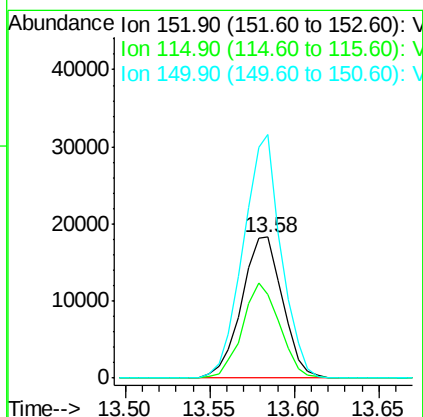
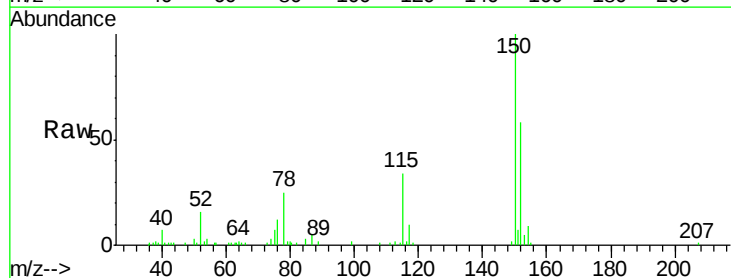
Instrument :
MSVOA_D
ClientSampleId :
CHRT-24245

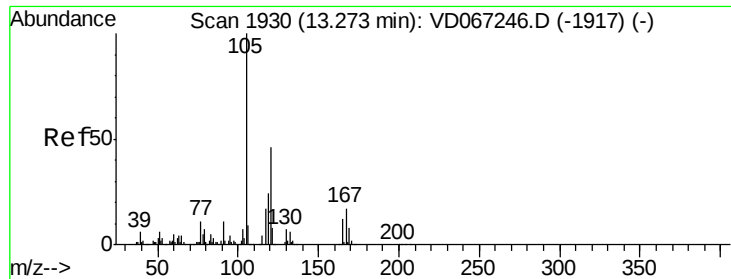
Tot Ion:117 Resp: 142515
Ion Ratio Lower Upper
117 100
82 53.7 39.9 59.9
119 32.0 24.9 37.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD067414.D
Acq: 27 Oct 2020 16:24

Tgt Ion:152 Resp: 30866
Ion Ratio Lower Upper
152 100
115 61.3 29.3 87.9
150 160.3 0.0 339.0





#84

1,2,4-Trimethylbenzene

Concen: 1.015 ug/l

RT: 13.27 min Scan# 1930

Delta R.T. 0.00 min

Lab File: VD067414.D

Acq: 27 Oct 2020 16:24

Instrument :

MSVOA_D

ClientSampleId :

CHRT-24245

Tot Ion:105 Resp: 1707

Ion Ratio Lower Upper

105 100

120 34.6 22.4 67.3

