

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112020\
 Data File : VD067728.D
 Acq On : 20 Nov 2020 16:48
 Operator : VA/SY
 Sample : L4845-03
 Misc : 5.07G/5.00ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PH-TP

Quant Time: Nov 21 01:19:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	237515	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	369665	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	398107	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	201596	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	116123	55.91	ug/l	0.00
Spiked Amount			Recovery	=	111.82%	
35) Dibromofluoromethane	7.92	113	114088	51.22	ug/l	0.00
Spiked Amount			Recovery	=	102.44%	
50) Toluene-d8	10.34	98	433253	55.35	ug/l	0.00
Spiked Amount			Recovery	=	110.70%	
62) 4-Bromofluorobenzene	12.64	95	174432	64.55	ug/l	0.00
Spiked Amount			Recovery	=	129.10%	

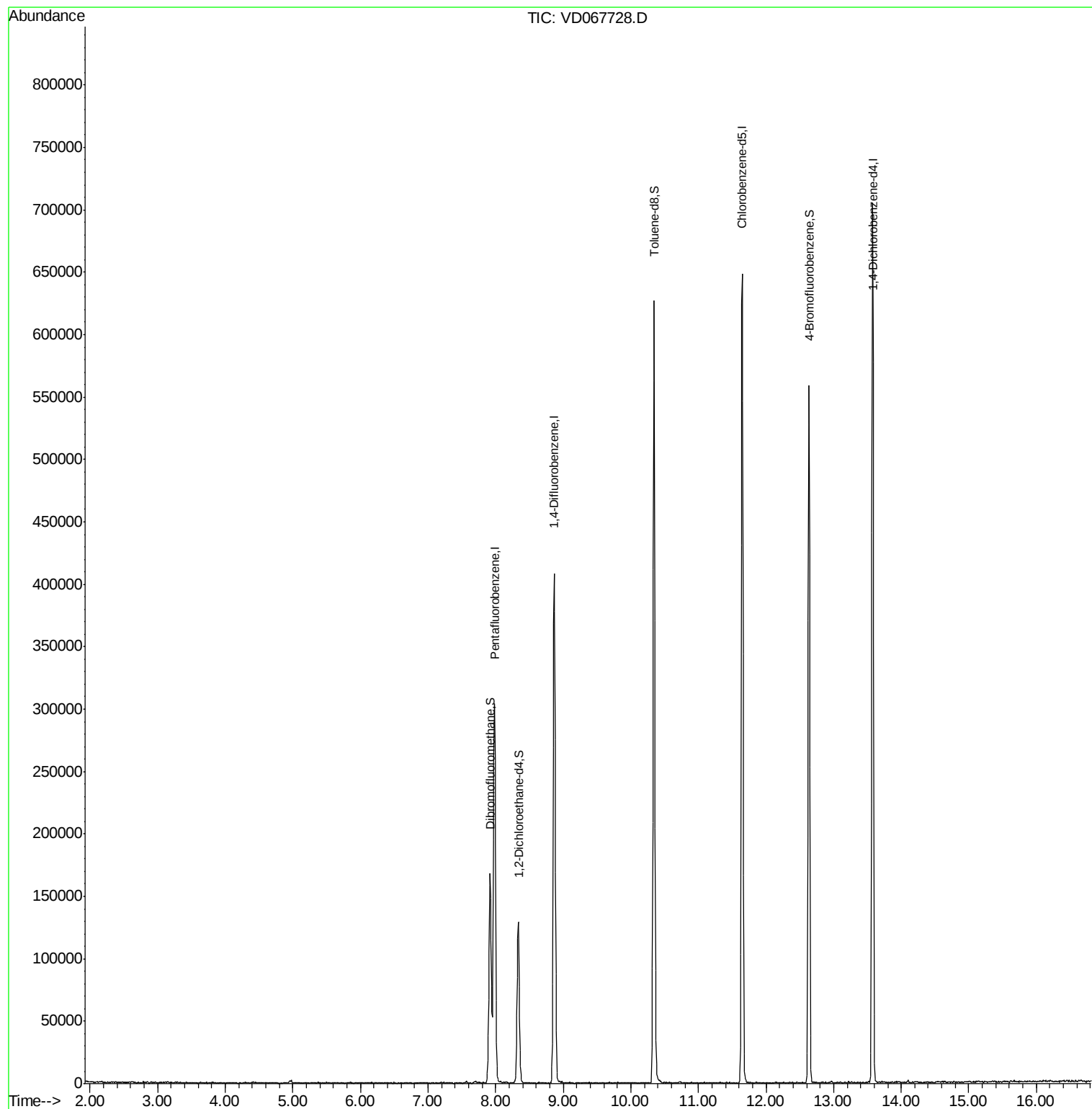
Target Compounds	Qvalue
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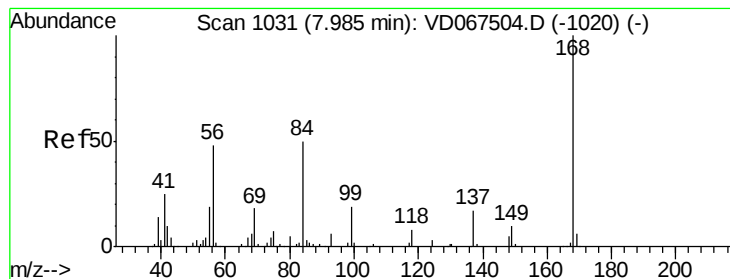
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD067728.D

Acq: 20 Nov 2020 16:48

Instrument :

MSVOA_D

ClientSampleId :

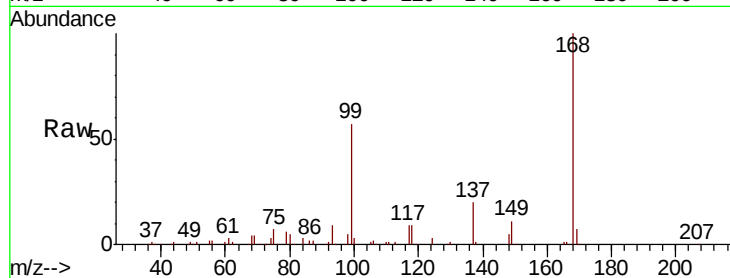
PH-TP

Tot Ion:168 Resp: 237515

Ion Ratio Lower Upper

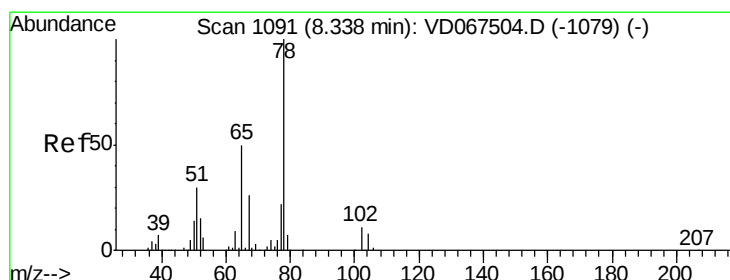
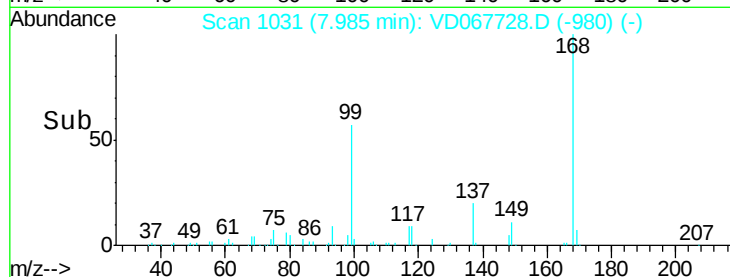
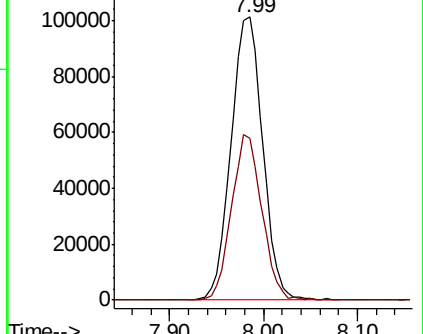
168 100

99 57.4 45.0 67.6



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: 55.914 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD067728.D

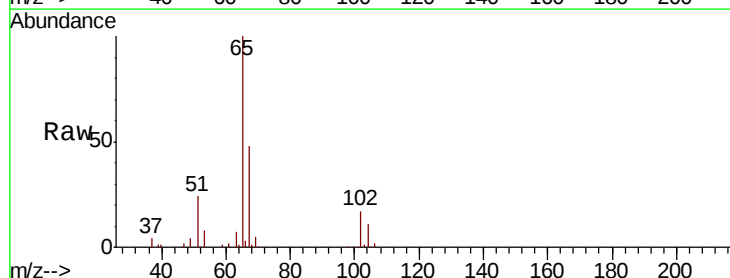
Acq: 20 Nov 2020 16:48

Tgt Ion: 65 Resp: 116123

Ion Ratio Lower Upper

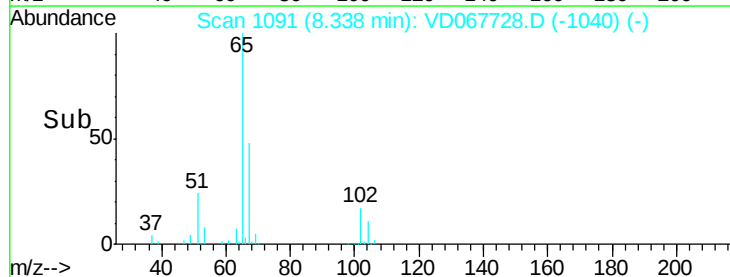
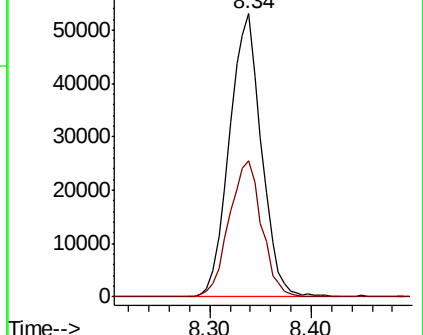
65 100

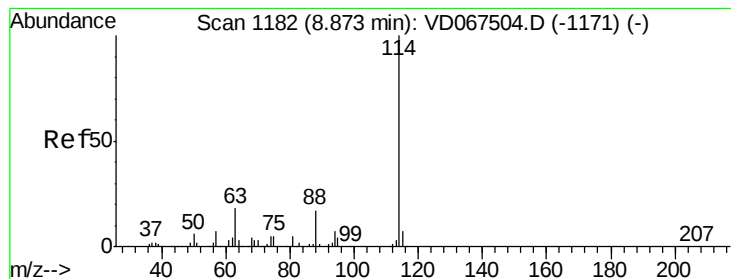
67 48.9 0.0 99.4



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. -0.01 min

Lab File: VD067728.D

Acq: 20 Nov 2020 16:48

Instrument :

MSVOA_D

ClientSampleId :

PH-TP

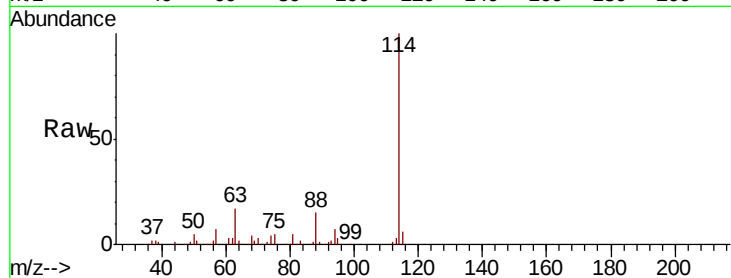
Tot Ion:114 Resp: 369665

Ion Ratio Lower Upper

114 100

63 16.5 0.0 35.0

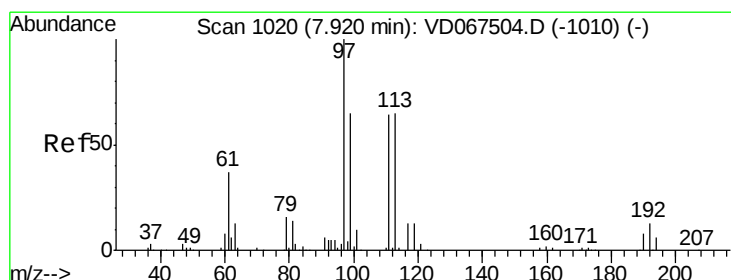
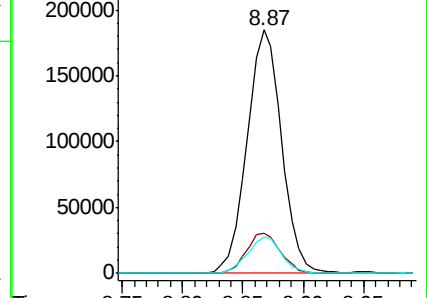
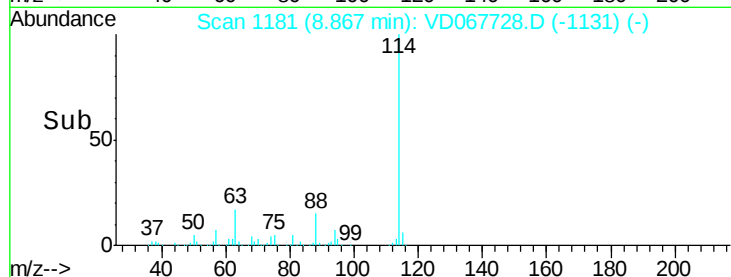
88 14.9 0.0 33.0



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: 51.224 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD067728.D

Acq: 20 Nov 2020 16:48

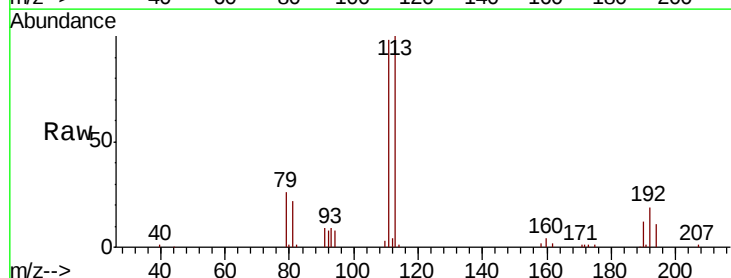
Tgt Ion:113 Resp: 114088

Ion Ratio Lower Upper

113 100

111 102.8 80.0 120.0

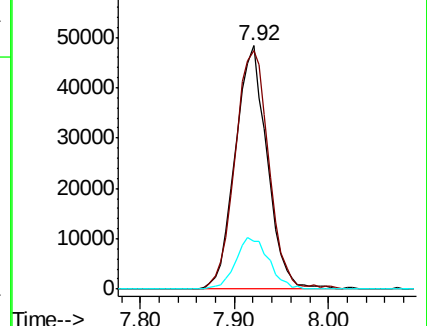
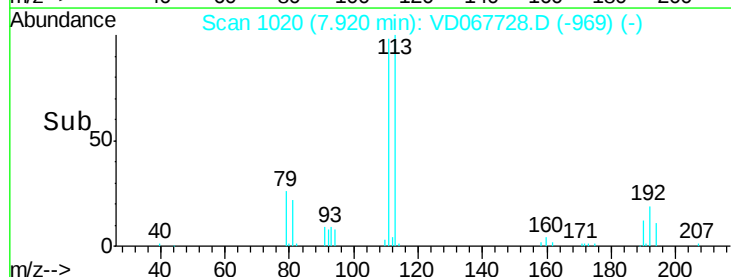
192 22.0 16.3 24.5

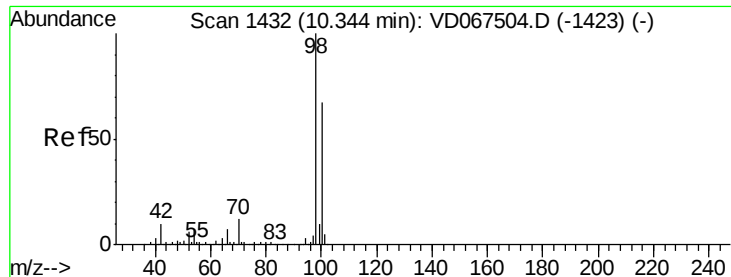


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

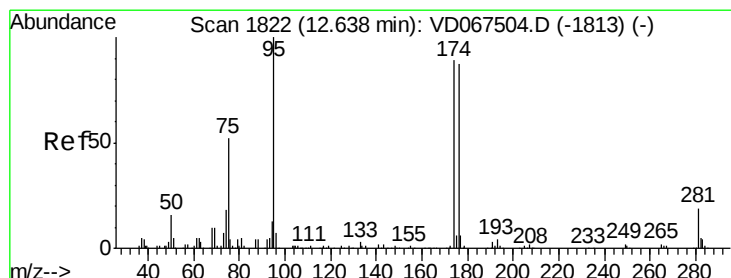
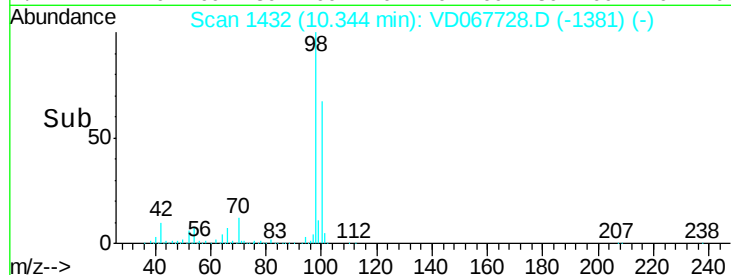
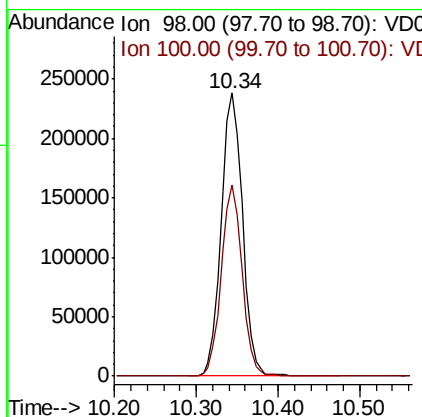
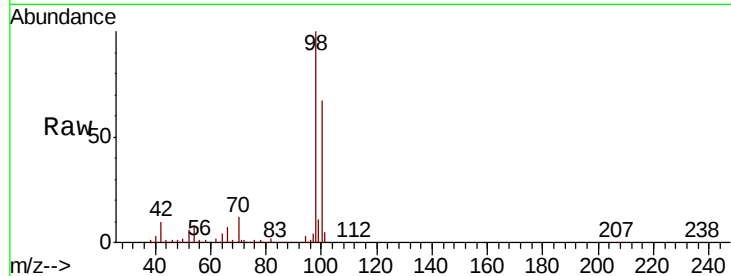




#50
Toluene-d8
Concen: 55.354 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067728.D
Acq: 20 Nov 2020 16:48

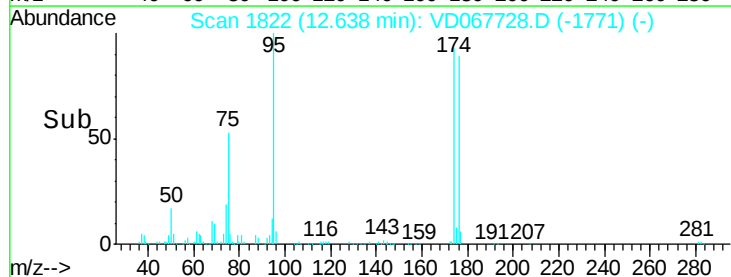
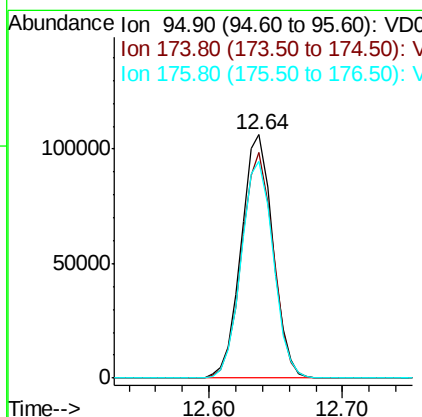
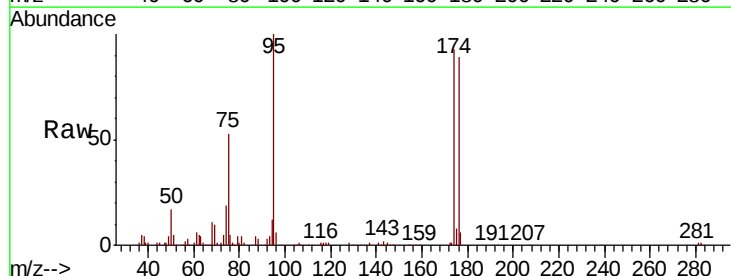
Instrument :
MSVOA_D
ClientSampled :
PH-TP

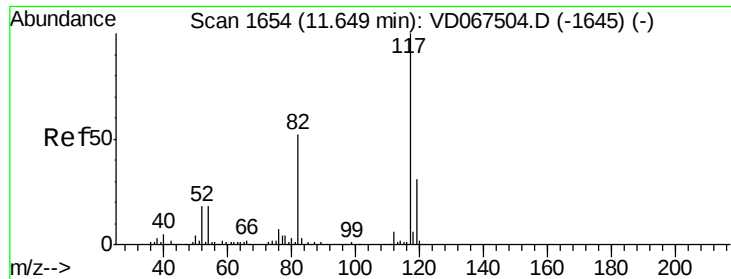
Tot Ion: 98 Resp: 433253
Ion Ratio Lower Upper
98 100
100 65.7 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 64.551 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD067728.D
Acq: 20 Nov 2020 16:48

Tgt Ion: 95 Resp: 174432
Ion Ratio Lower Upper
95 100
174 92.2 0.0 177.8
176 89.7 0.0 172.0

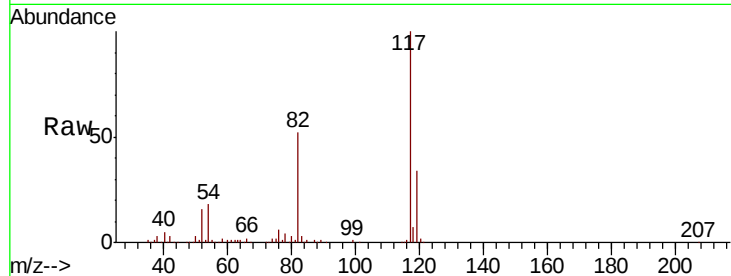




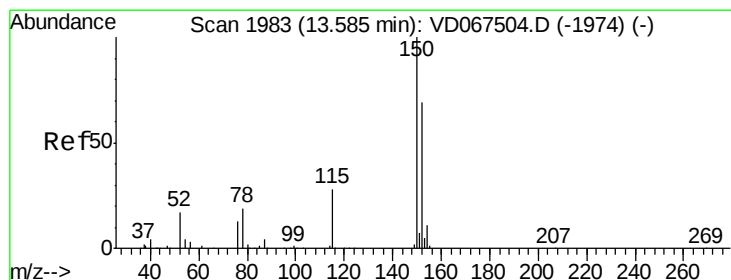
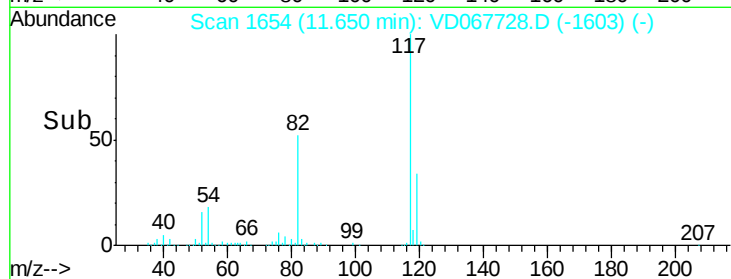
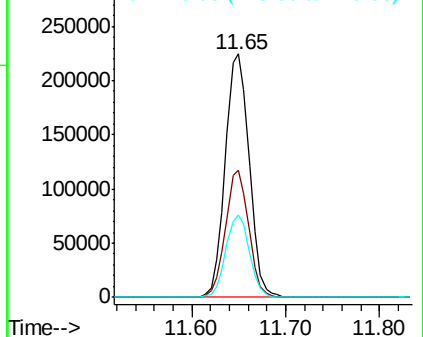
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067728.D
Acq: 20 Nov 2020 16:48

Instrument :
MSVOA_D
ClientSampleId :
PH-TP

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.1	41.6	62.4
119	33.7	25.1	37.7

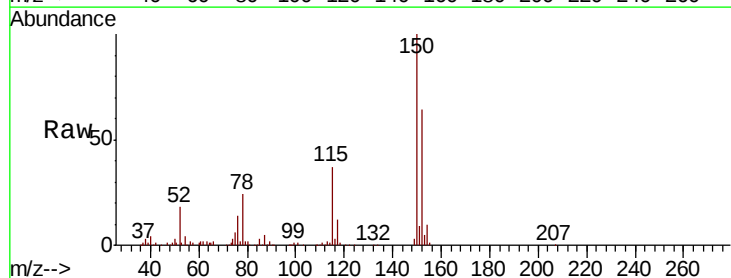


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. -0.01 min
Lab File: VD067728.D
Acq: 20 Nov 2020 16:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.1	29.3	88.0
150	156.3	0.0	338.2



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

