

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030320\
 Data File : VD065391.D
 Acq On : 03 Mar 2020 13:40
 Operator : VA/SY
 Sample : L1769-02
 Misc : 5.05G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1A

Quant Time: Mar 04 05:39:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D021820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:26:54 2020
 Response via : Initial Calibration

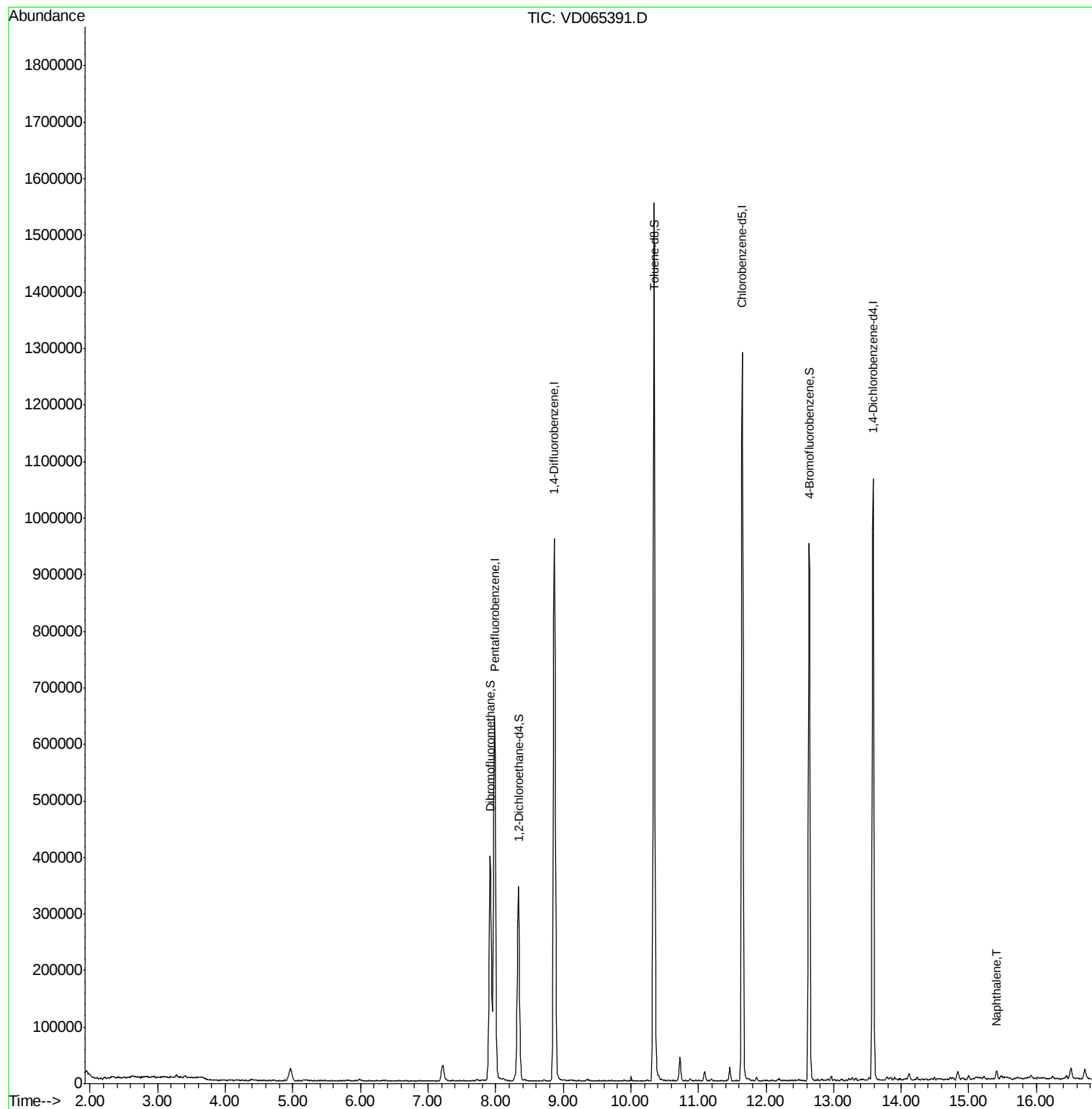
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	506388	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	860395	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	767722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	297608	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	274530	60.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	120.52%	
35) Dibromofluoromethane	7.92	113	284986	54.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.64%	
50) Toluene-d8	10.34	98	1026977	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	
62) 4-Bromofluorobenzene	12.64	95	292484	46.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.08%	
Target Compounds						
95) Naphthalene	15.41	128	12247	1.418	ug/l	Qvalue 100

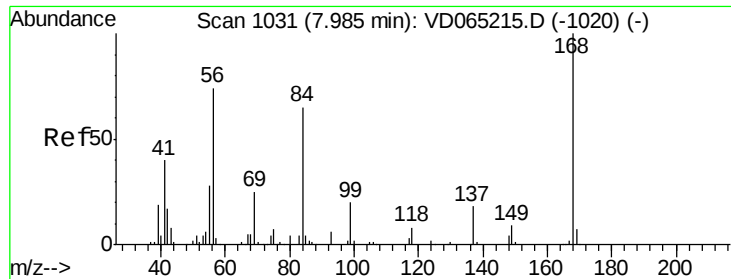
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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Acq: 03 Mar 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

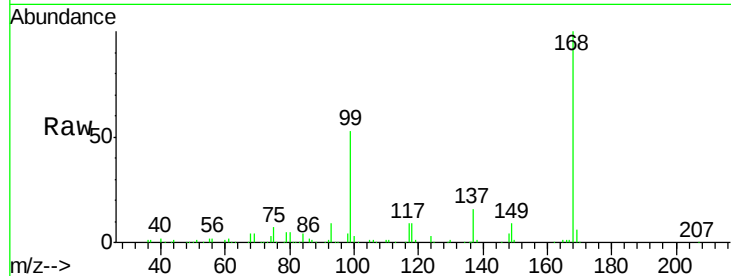
SP-1A

Tot Ion:168 Resp: 506388

Ion Ratio Lower Upper

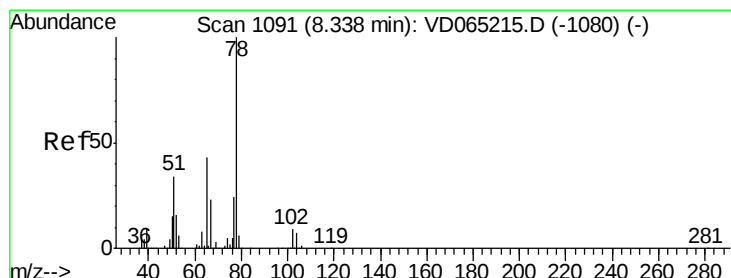
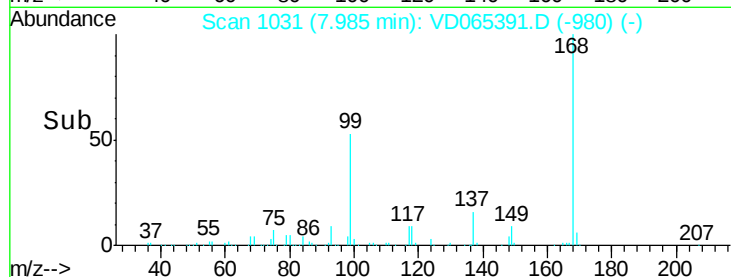
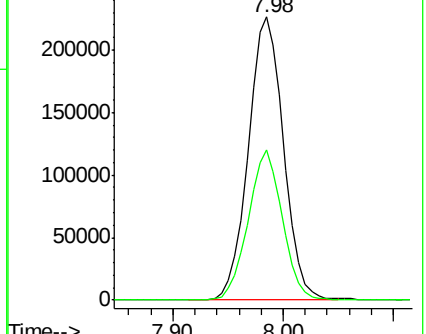
168 100

99 52.8 41.4 62.2



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: 60.263 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD065391.D

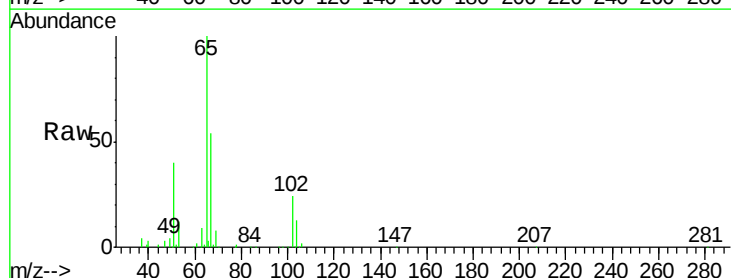
Acq: 03 Mar 2020 13:40

Tgt Ion: 65 Resp: 274530

Ion Ratio Lower Upper

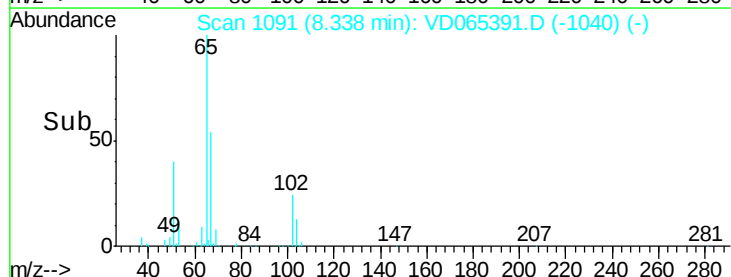
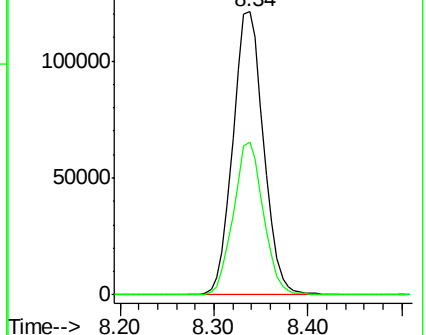
65 100

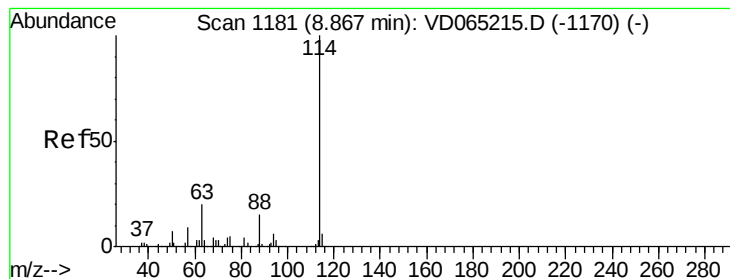
67 52.7 0.0 106.8



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: VD065391.D

Acq: 03 Mar 2020 13:40

Instrument :

MSVOA_D

ClientSampled :

SP-1A

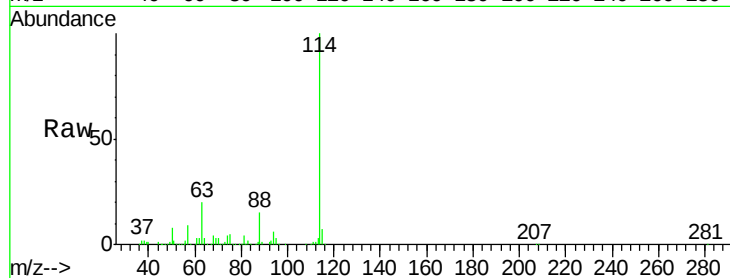
Tot Ion:114 Resp: 860395

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.4

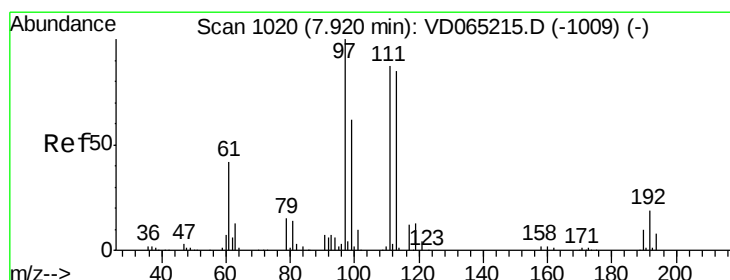
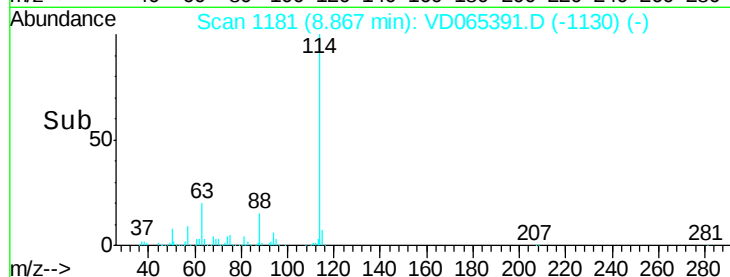
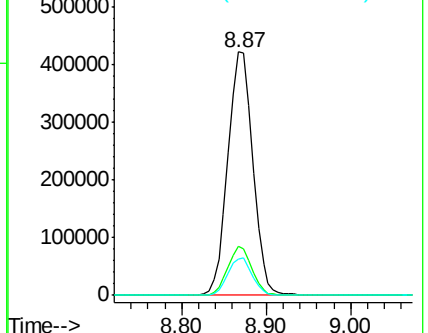
88 15.1 0.0 30.4



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: 54.323 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. 0.00 min

Lab File: VD065391.D

Acq: 03 Mar 2020 13:40

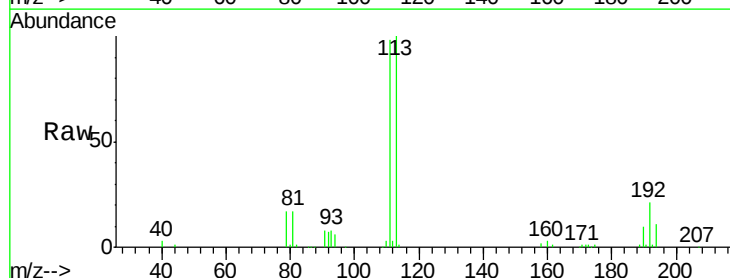
Tgt Ion:113 Resp: 284986

Ion Ratio Lower Upper

113 100

111 102.2 82.9 124.3

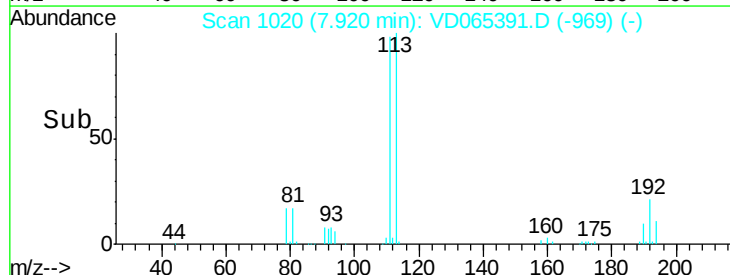
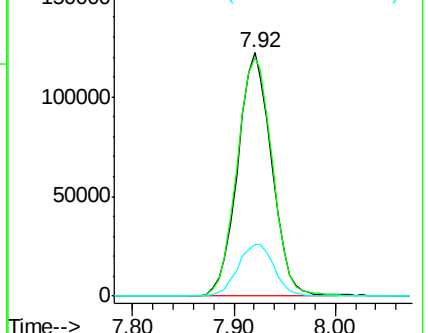
192 22.5 17.3 25.9

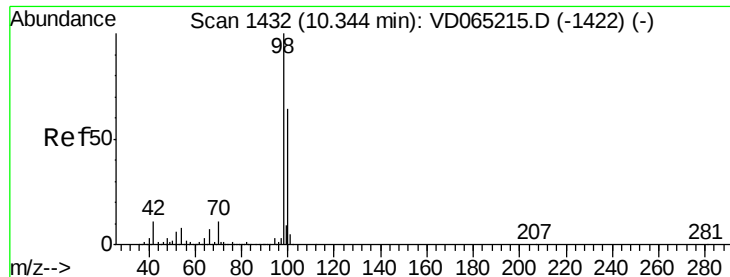


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

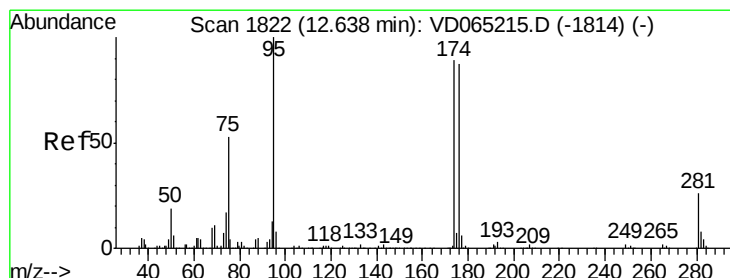
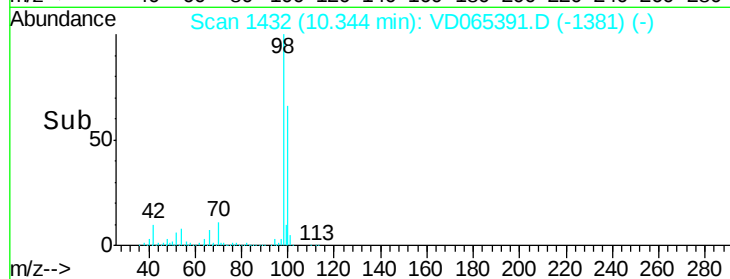
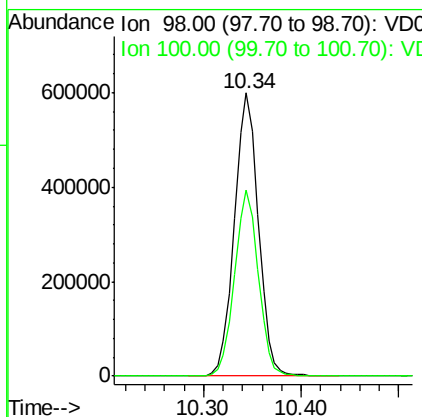
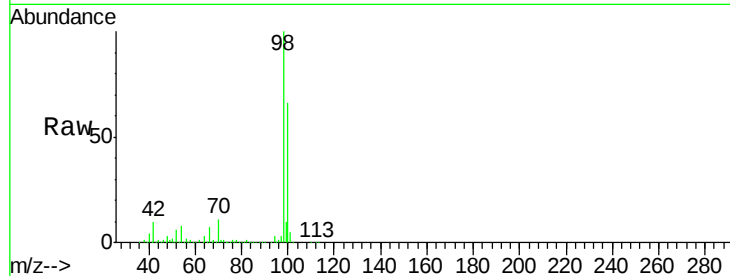




#50
Toluene-d8
Concen: 51.206 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065391.D
Acq: 03 Mar 2020 13:40

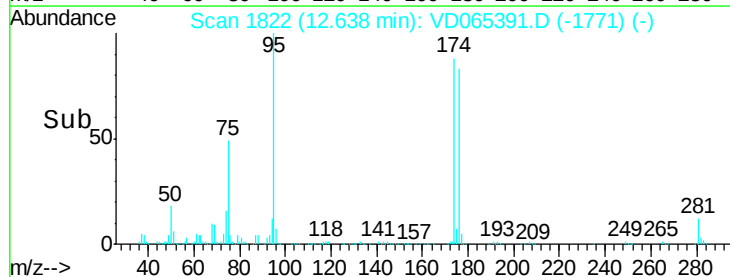
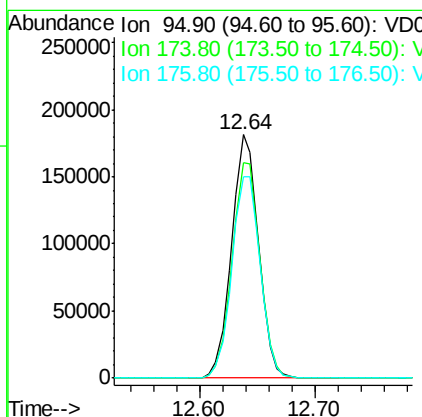
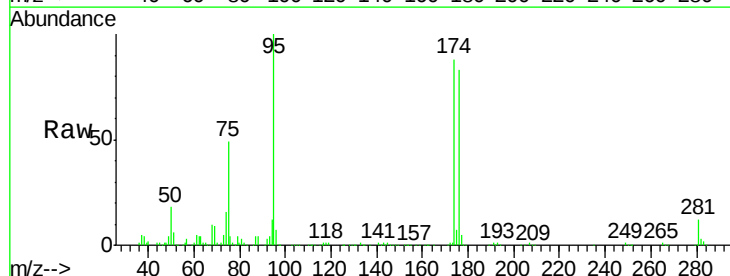
Instrument :
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ClientSampleId :
SP-1A

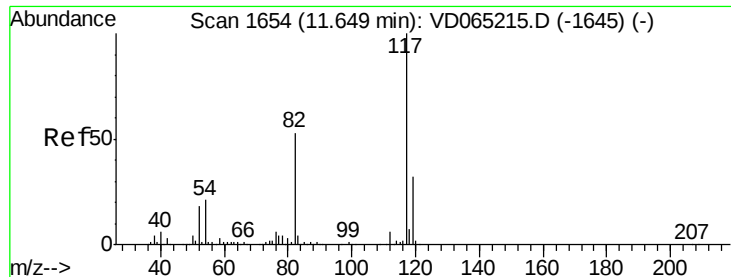
Tot Ion: 98 Resp: 1026977
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.035 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065391.D
Acq: 03 Mar 2020 13:40

Tgt Ion: 95 Resp: 292484
Ion Ratio Lower Upper
95 100
174 91.8 0.0 178.0
176 87.4 0.0 174.4

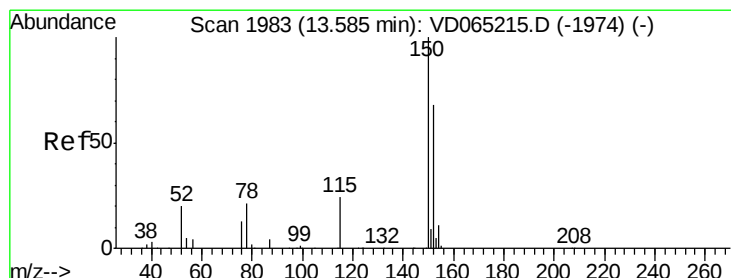
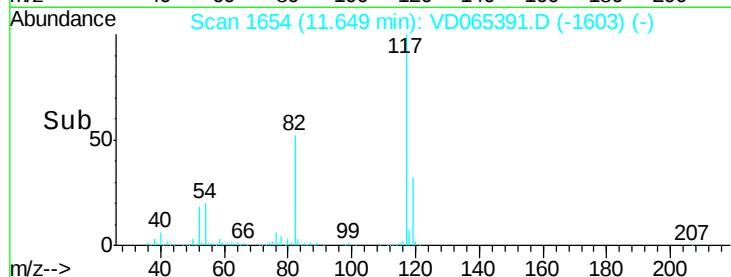
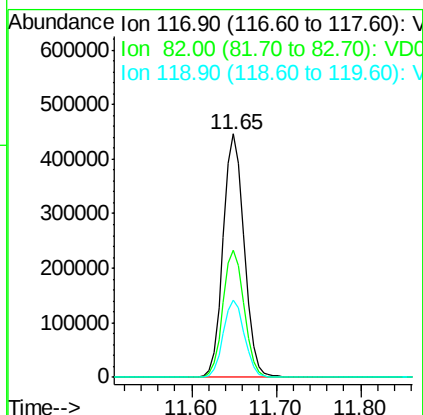
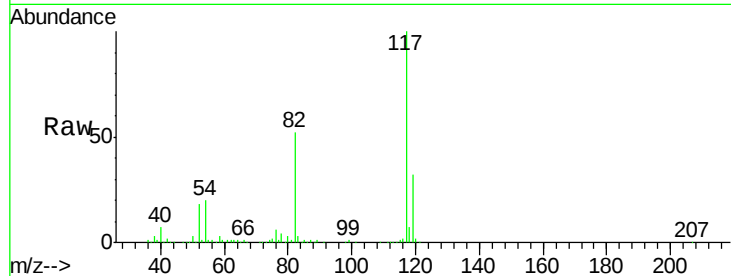




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065391.D
Acq: 03 Mar 2020 13:40

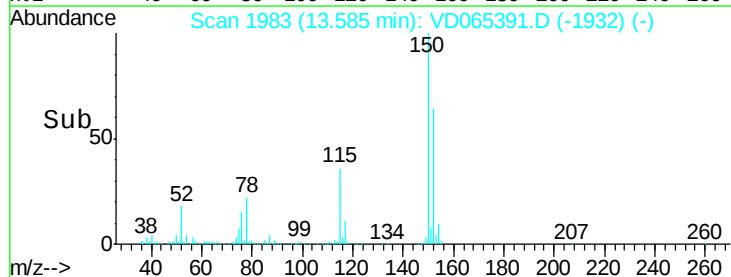
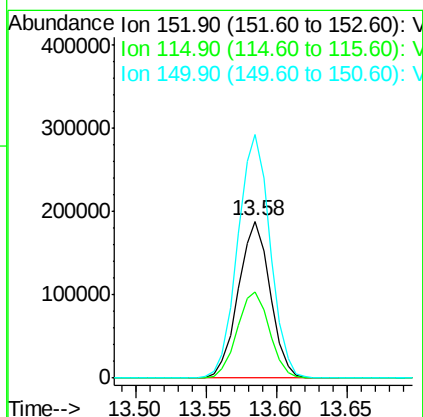
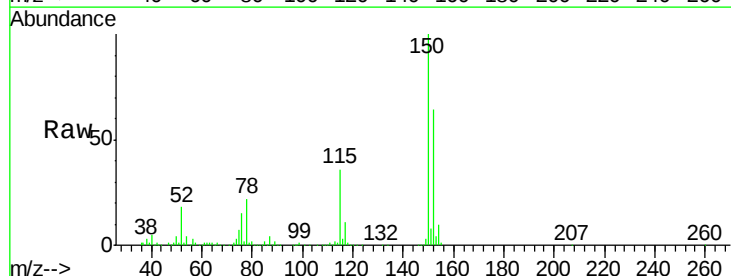
Instrument :
MSVOA_D
ClientSampleId :
SP-1A

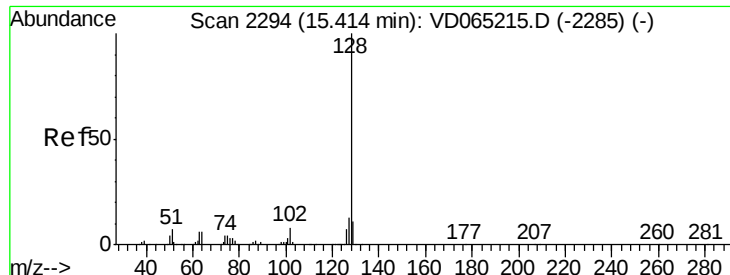
Tot Ion:117 Resp: 767722
Ion Ratio Lower Upper
117 100
82 52.3 42.7 64.1
119 31.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD065391.D
Acq: 03 Mar 2020 13:40

Tgt Ion:152 Resp: 297608
Ion Ratio Lower Upper
152 100
115 55.8 27.6 82.8
150 158.1 0.0 347.4





#95

Naphthalene

Concen: 1.418 ug/l

RT: 15.41 min Scan# 2294

Delta R.T. 0.00 min

Lab File: VD065391.D

Acq: 03 Mar 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

SP-1A

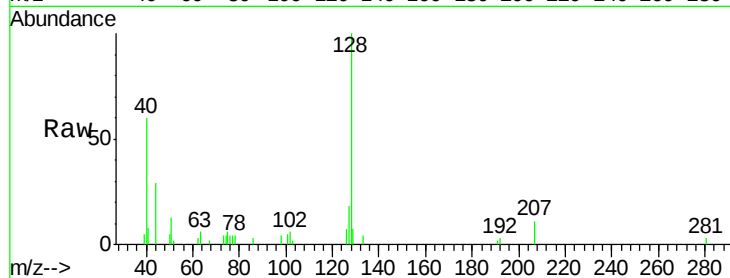
Tot Ion:128 Resp: 12247

Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.1 8.8 13.2



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

