

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030320\
 Data File : VD065400.D
 Acq On : 03 Mar 2020 17:57
 Operator : VA/SY
 Sample : L1769-02
 Misc : 5.11G/5.00ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1A

Quant Time: Mar 04 05:52:46 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	504328	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	858748	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	773487	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	305638	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	263412	58.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.12%	
35) Dibromofluoromethane	7.92	113	279616	53.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.80%	
50) Toluene-d8	10.34	98	1024140	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.32%	
62) 4-Bromofluorobenzene	12.64	95	296310	46.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.46%	

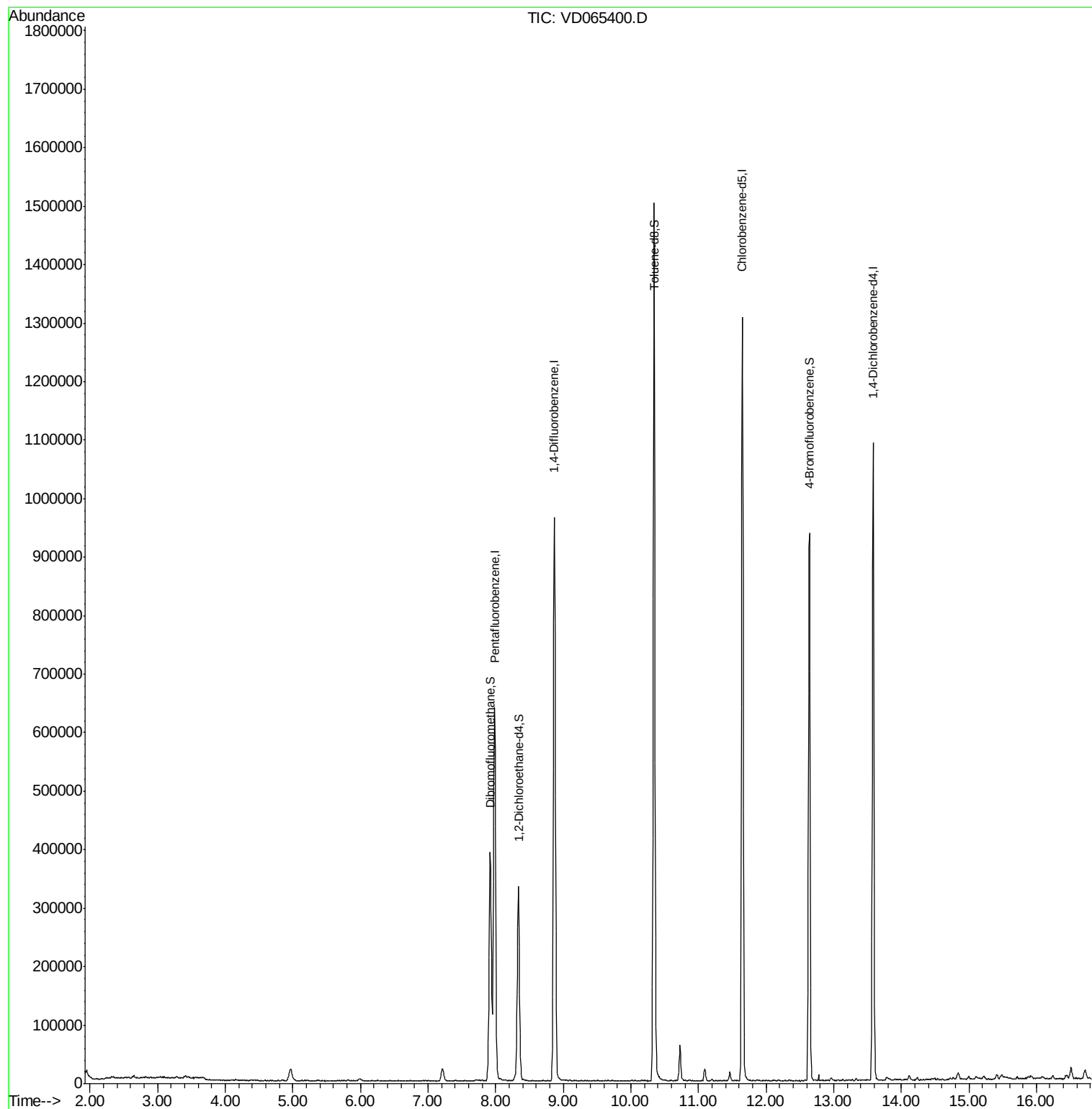
Target Compounds	Qvalue
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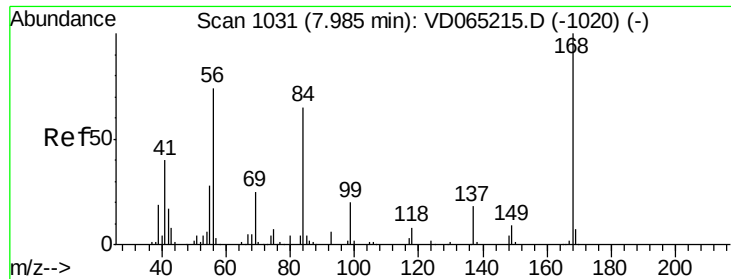
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. -0.00 min

Lab File: VD065400.D

Acq: 03 Mar 2020 17:57

Instrument :

MSVOA_D

ClientSampleId :

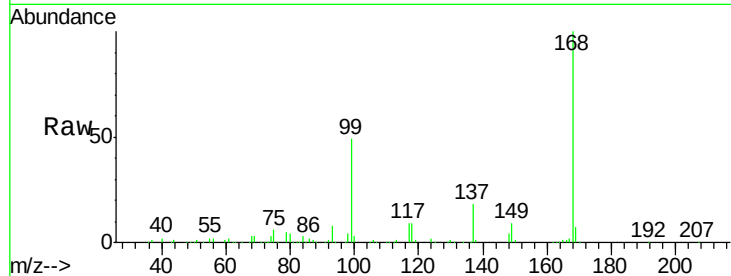
SP-1A

Tot Ion:168 Resp: 504328

Ion Ratio Lower Upper

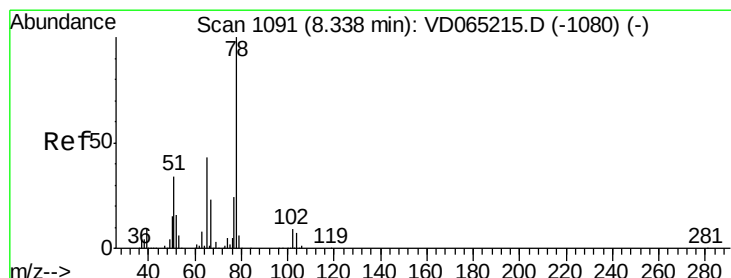
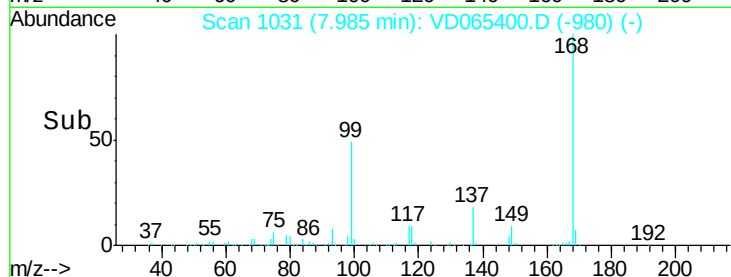
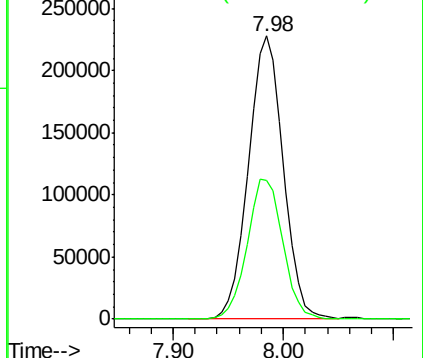
168 100

99 49.2 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: 58.059 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD065400.D

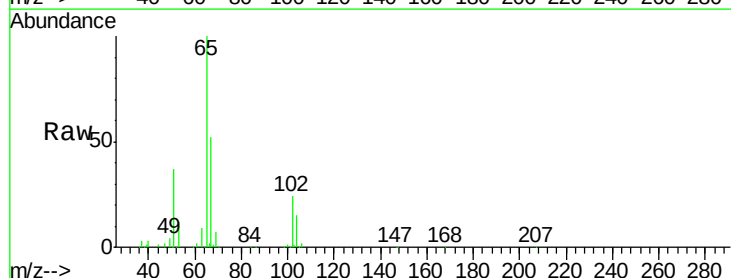
Acq: 03 Mar 2020 17:57

Tgt Ion: 65 Resp: 263412

Ion Ratio Lower Upper

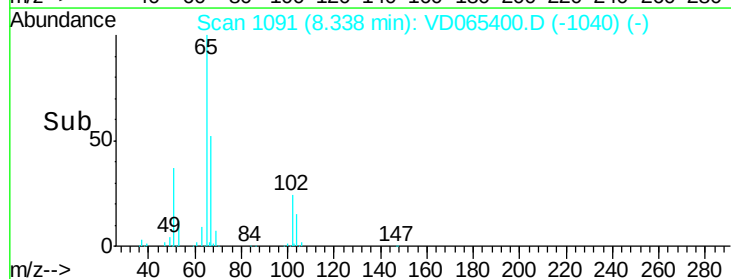
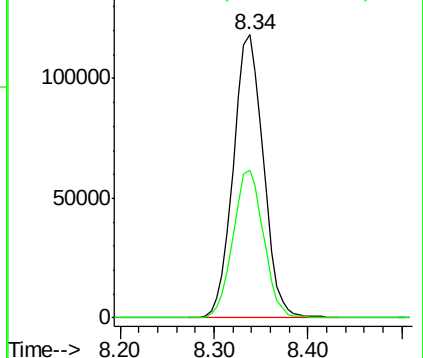
65 100

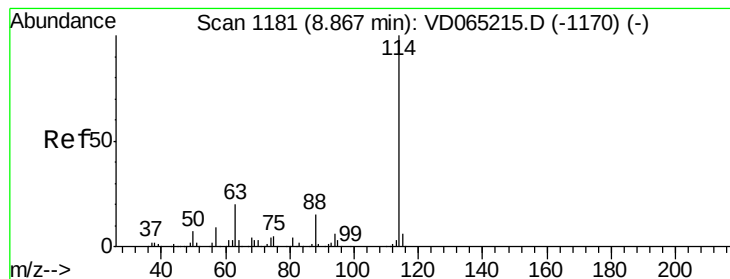
67 53.1 0.0 106.8



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: VD065400.D

Acq: 03 Mar 2020 17:57

Instrument :

MSVOA_D

ClientSampled :

SP-1A

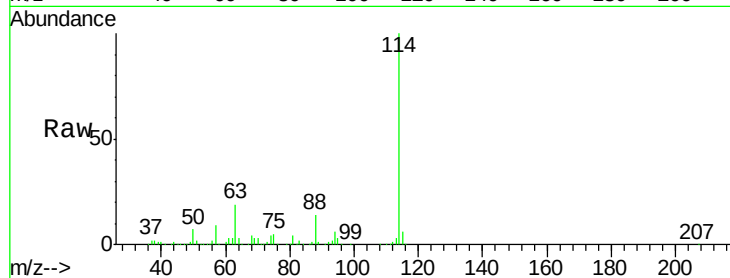
Tot Ion:114 Resp: 858748

Ion Ratio Lower Upper

114 100

63 19.2 0.0 39.4

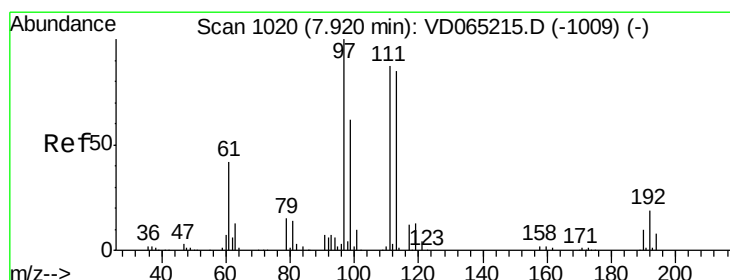
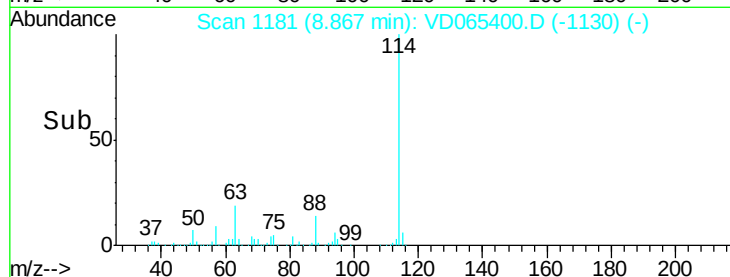
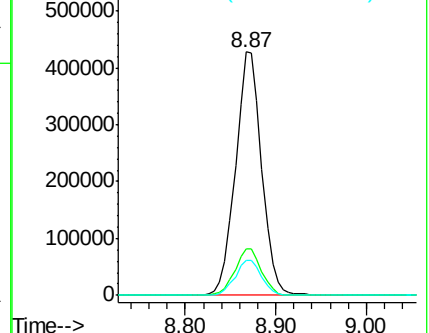
88 14.3 0.0 30.4



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: 53.401 ug/l

RT: 7.92 min Scan# 1020

Delta R.T. -0.00 min

Lab File: VD065400.D

Acq: 03 Mar 2020 17:57

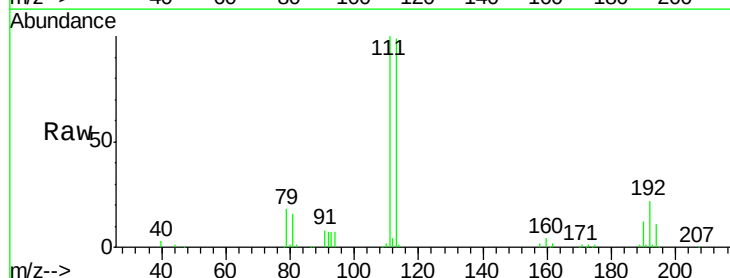
Tgt Ion:113 Resp: 279616

Ion Ratio Lower Upper

113 100

111 102.2 82.9 124.3

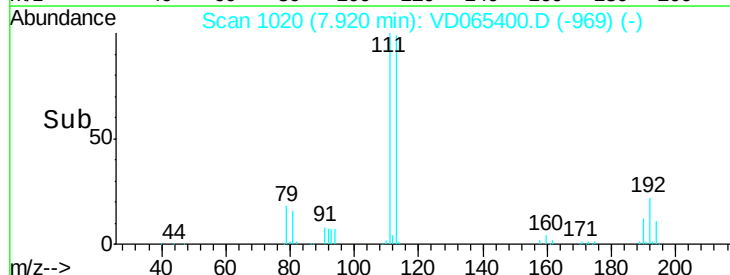
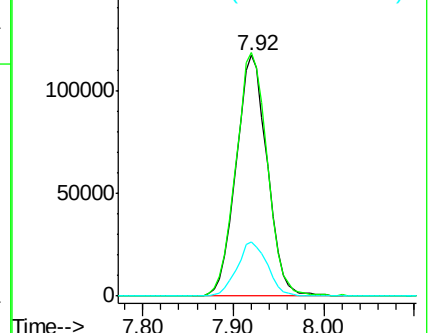
192 22.2 17.3 25.9

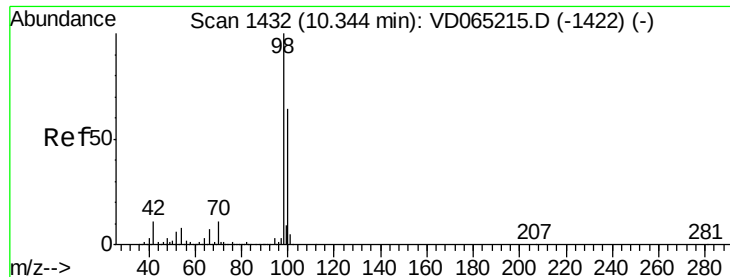


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

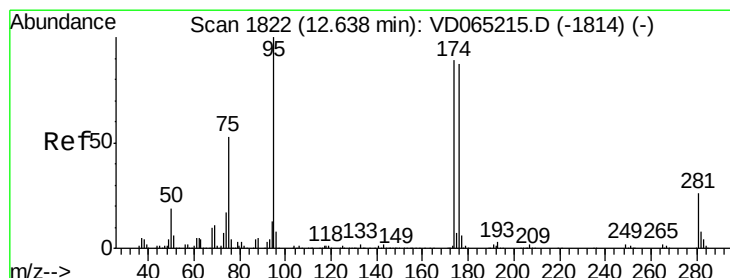
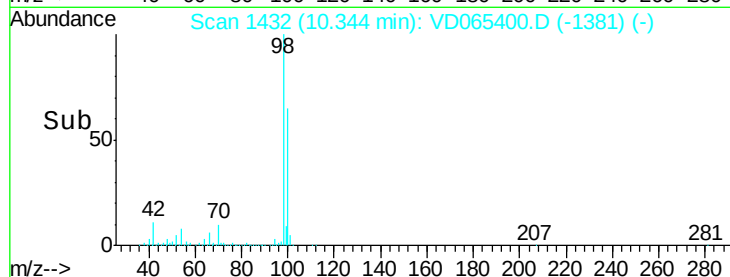
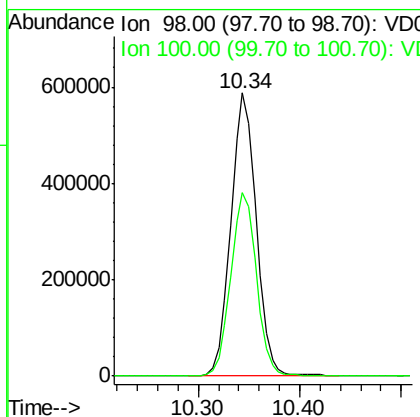
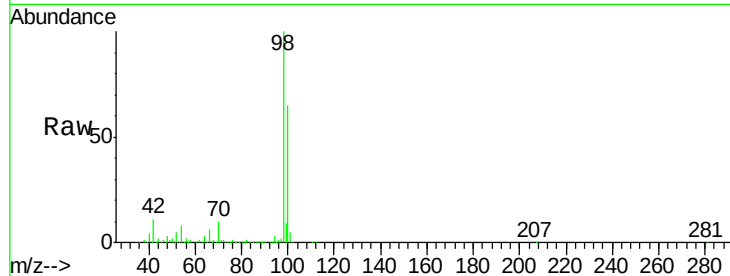




#50
Toluene-d8
Concen: 51.163 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. -0.00 min
Lab File: VD065400.D
Acq: 03 Mar 2020 17:57

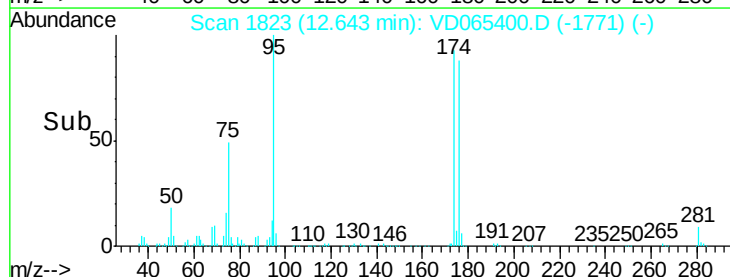
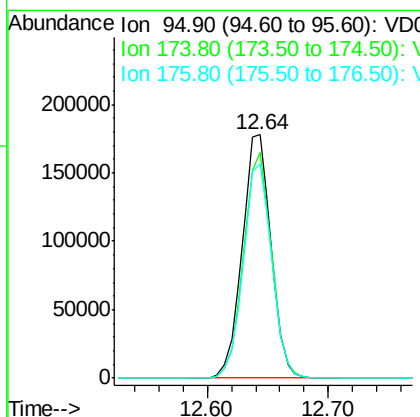
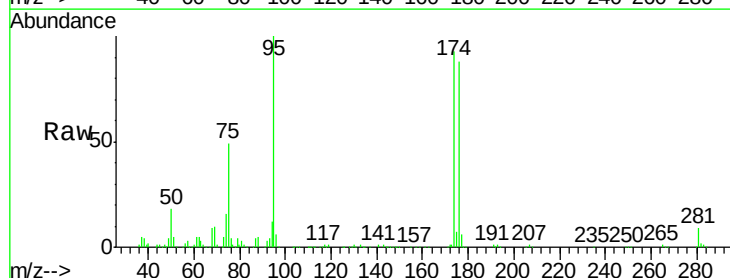
Instrument :
MSVOA_D
ClientSampleId :
SP-1A

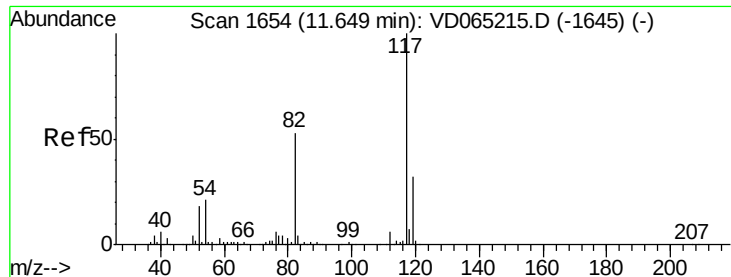
Tot Ion: 98 Resp: 1024140
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.727 ug/l
RT: 12.64 min Scan# 1823
Delta R.T. 0.01 min
Lab File: VD065400.D
Acq: 03 Mar 2020 17:57

Tgt Ion: 95 Resp: 296310
Ion Ratio Lower Upper
95 100
174 90.8 0.0 178.0
176 87.4 0.0 174.4

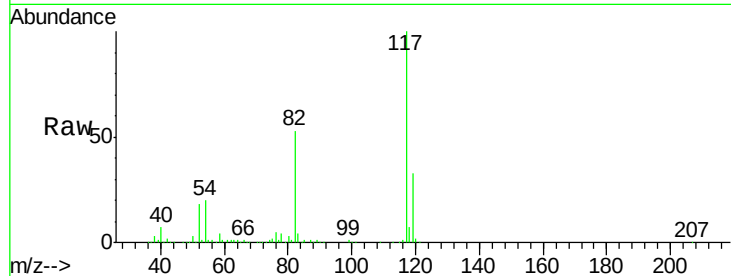




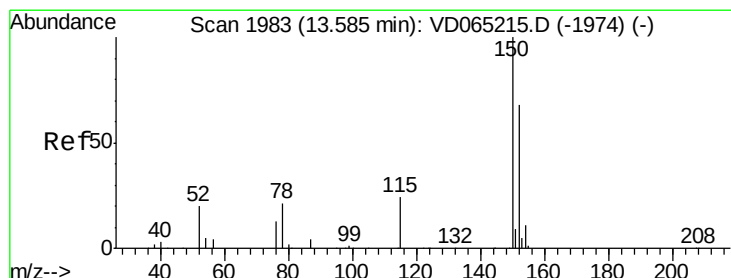
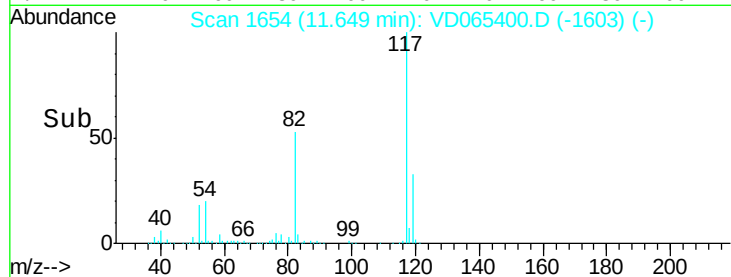
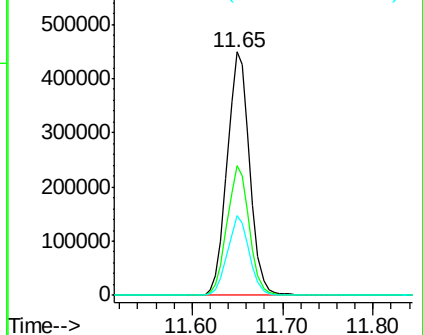
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.65 min Scan# 1654
 Delta R.T. -0.00 min
 Lab File: VD065400.D
 Acq: 03 Mar 2020 17:57

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-1A

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	42.7	64.1
119	32.8	25.5	38.3

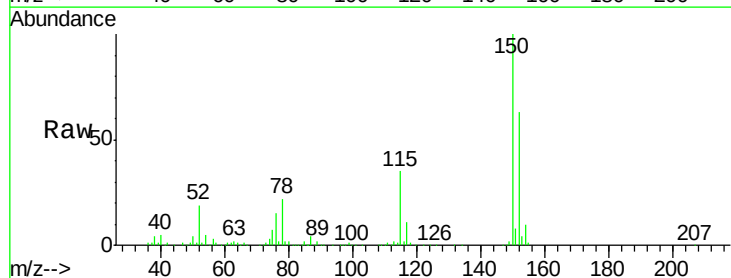


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 118.90 (118.60 to 119.60): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1983
 Delta R.T. -0.00 min
 Lab File: VD065400.D
 Acq: 03 Mar 2020 17:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.1	27.6	82.8
150	157.6	0.0	347.4



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

