

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120519\
 Data File : VD064438.D
 Acq On : 05 Dec 2019 16:04
 Operator : VA/SY
 Sample : K6147-11
 Misc : 5.93G/5.00ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P001-WC011

Quant Time: Dec 06 06:32:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

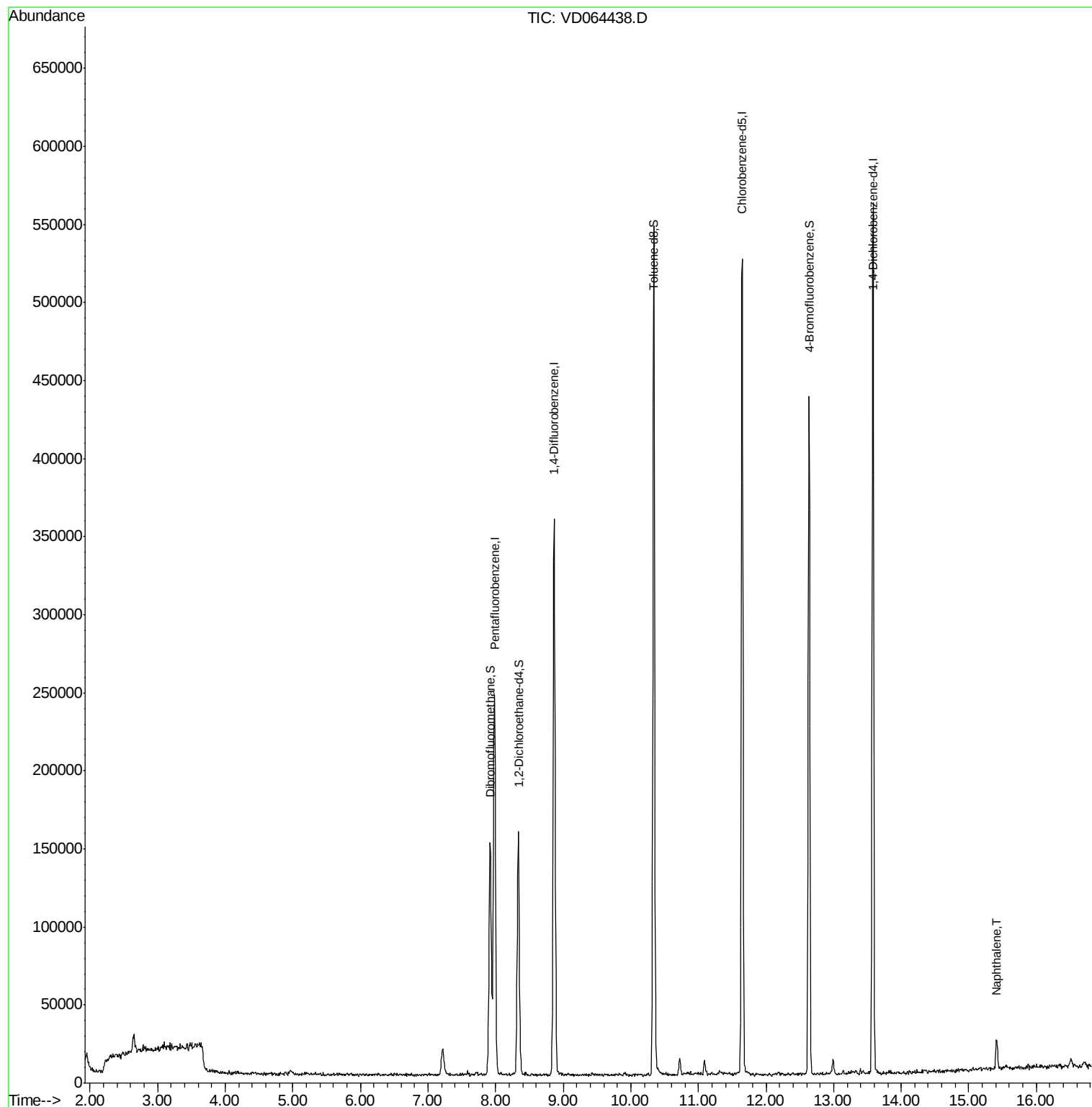
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	193499	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	305749	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	304517	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	150689	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	118025	67.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	134.78%	
35) Dibromofluoromethane	7.92	113	105831	54.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.88%	
50) Toluene-d8	10.34	98	368823	50.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.66%	
62) 4-Bromofluorobenzene	12.64	95	132425	56.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	113.58%	
Target Compounds						
95) Naphthalene	15.41	128	16535	2.980	ug/l #	Qvalue 95

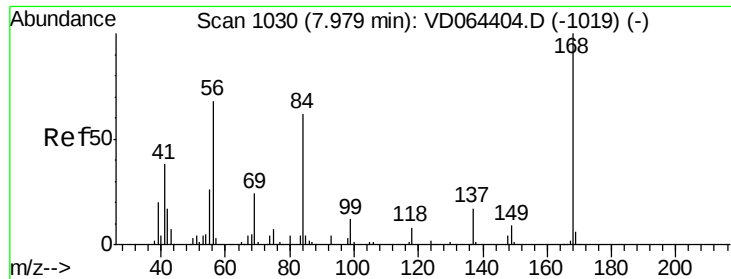
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD064438.D

Acq: 05 Dec 2019 16:04

Instrument :

MSVOA_D

ClientSampleId :

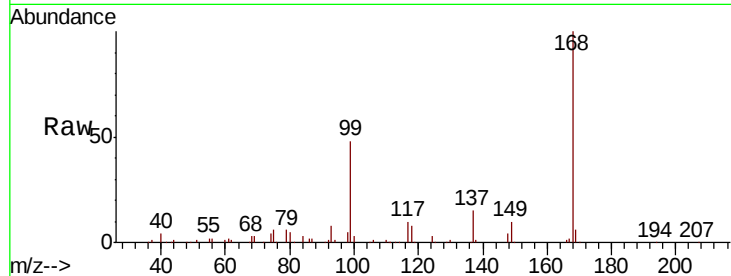
P001-WC011

Tot Ion:168 Resp: 193499

Ion Ratio Lower Upper

168 100

99 47.5 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.99

80000

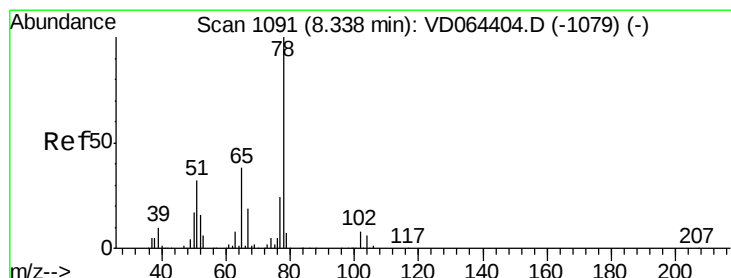
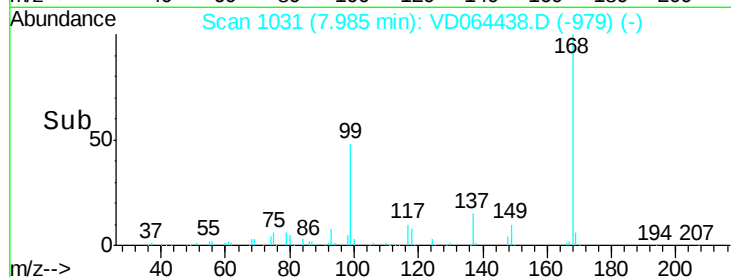
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 67.387 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.00 min

Lab File: VD064438.D

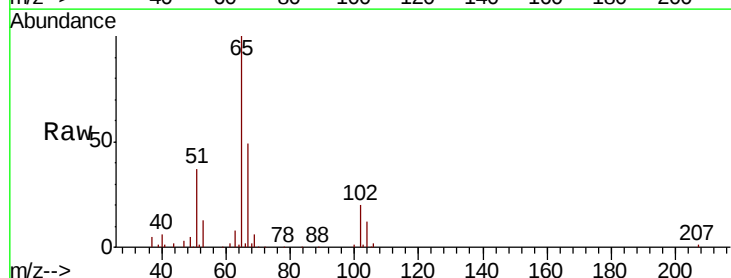
Acq: 05 Dec 2019 16:04

Tgt Ion: 65 Resp: 118025

Ion Ratio Lower Upper

65 100

67 52.9 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

60000

50000

40000

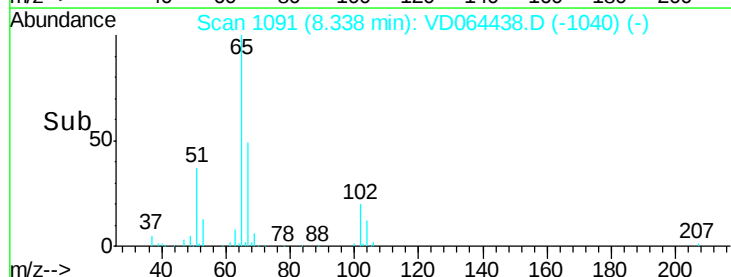
30000

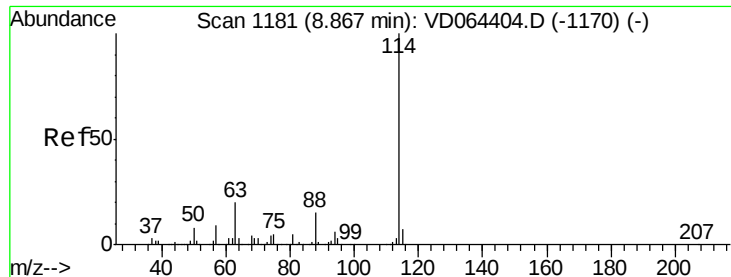
20000

10000

0

Time-->

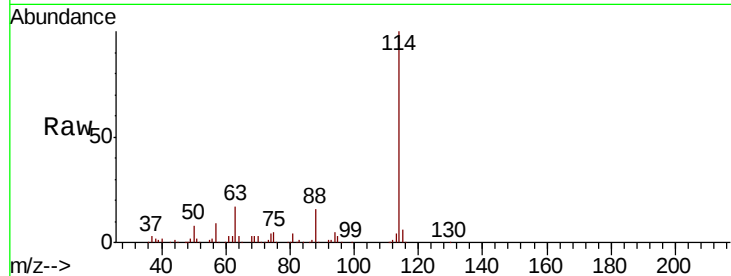




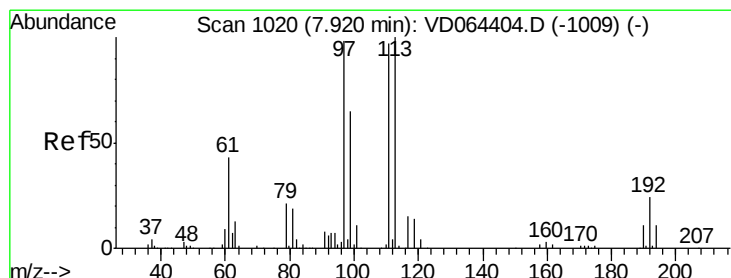
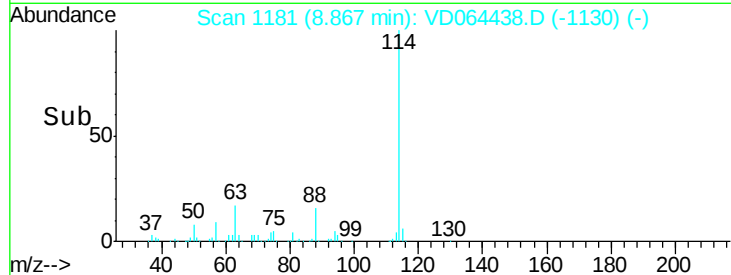
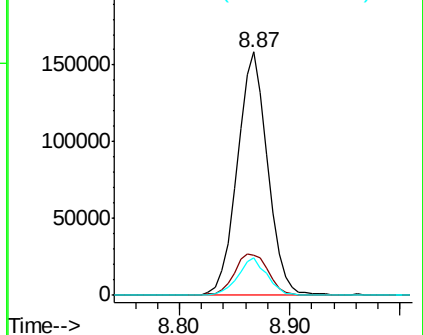
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064438.D
 Acq: 05 Dec 2019 16:04

Instrument :
 MSVOA_D
 ClientSampleId :
 P001-WC011

Tot Ion	Ratio	Lower	Upper
114	100		
63	16.7	0.0	40.0
88	15.5	0.0	29.2

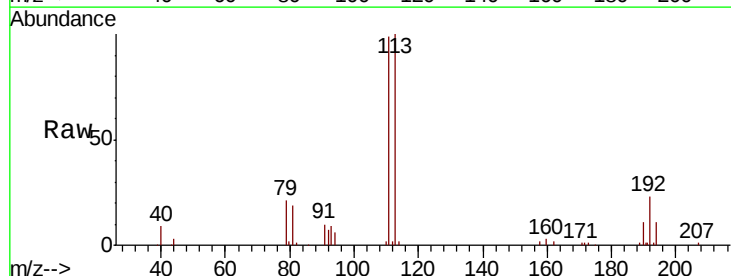


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VDC
 Ion 87.90 (87.60 to 88.60): VDC

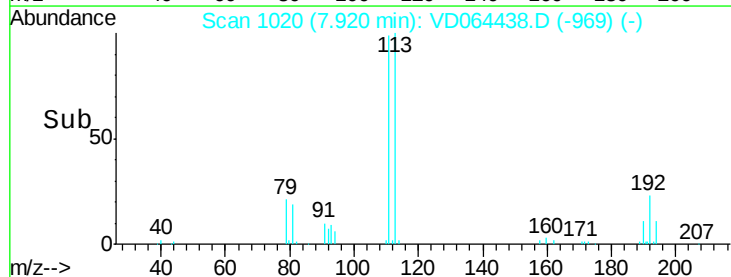
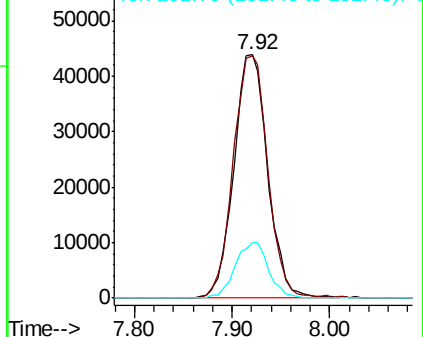


#35
 Dibromofluoromethane
 Concen: 54.938 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064438.D
 Acq: 05 Dec 2019 16:04

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	79.4	119.2
192	22.4	18.6	28.0



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: 50.827 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD064438.D

Acq: 05 Dec 2019 16:04

Instrument :

MSVOA_D

ClientSampleId :

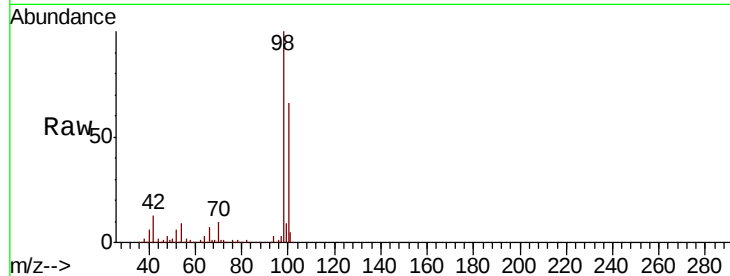
P001-WC011

Tot Ion: 98 Resp: 368823

Ion Ratio Lower Upper

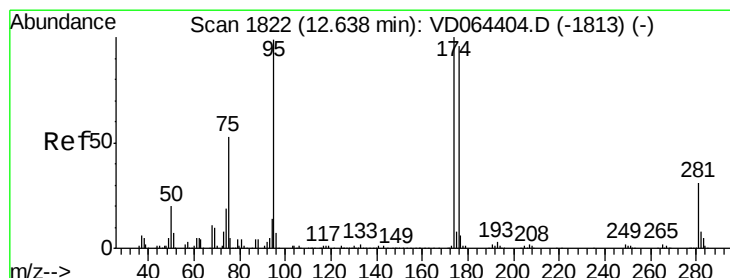
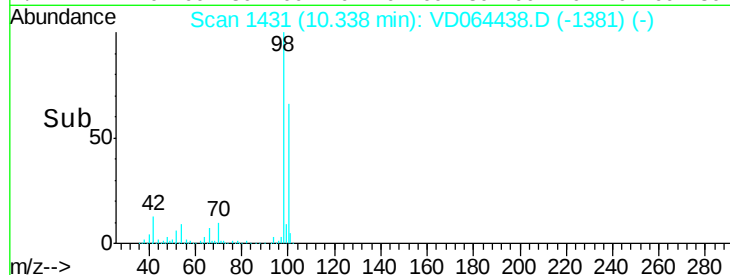
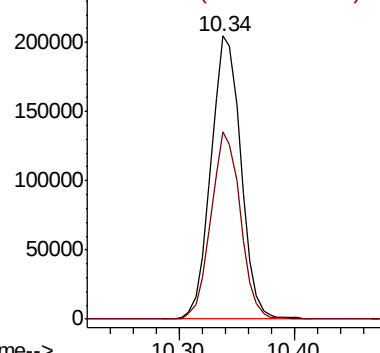
98 100

100 64.9 52.6 79.0



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 56.786 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064438.D

Acq: 05 Dec 2019 16:04

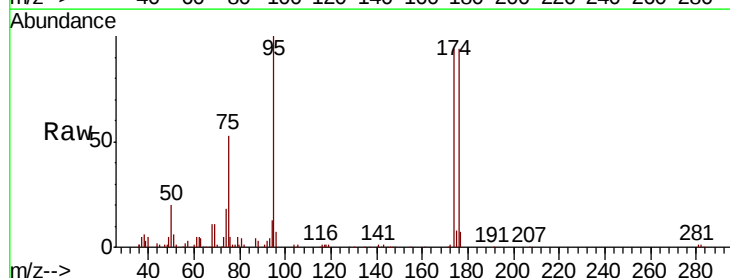
Tgt Ion: 95 Resp: 132425

Ion Ratio Lower Upper

95 100

174 93.1 0.0 197.2

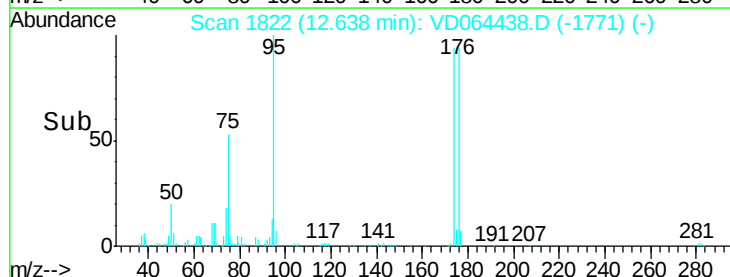
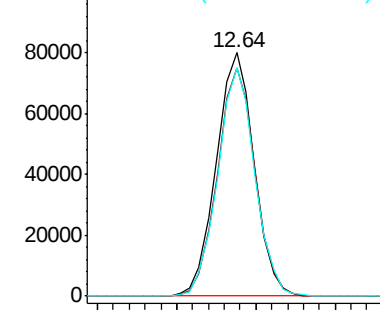
176 91.8 0.0 189.6

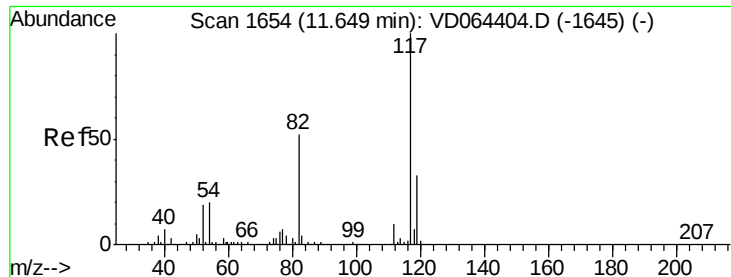


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

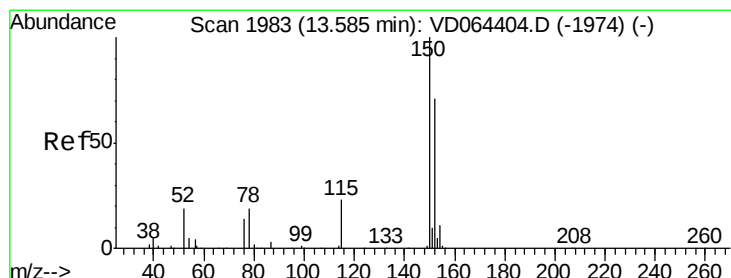
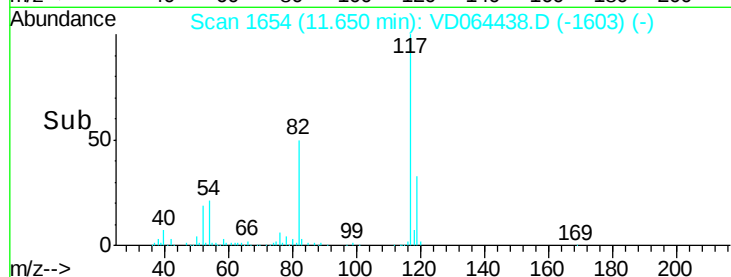
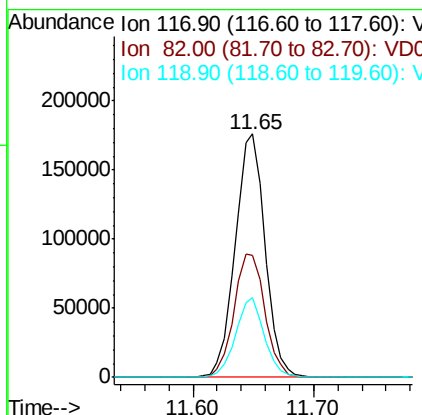
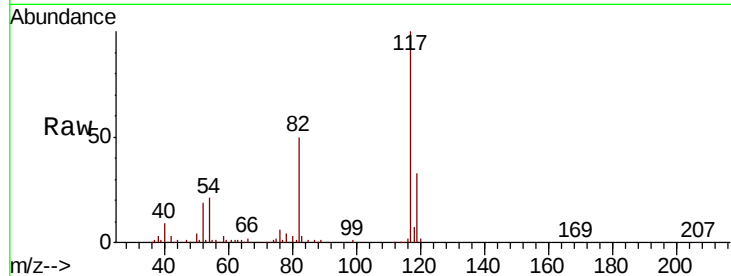




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064438.D
Acq: 05 Dec 2019 16:04

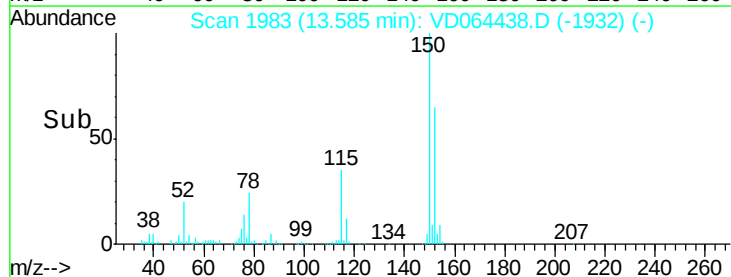
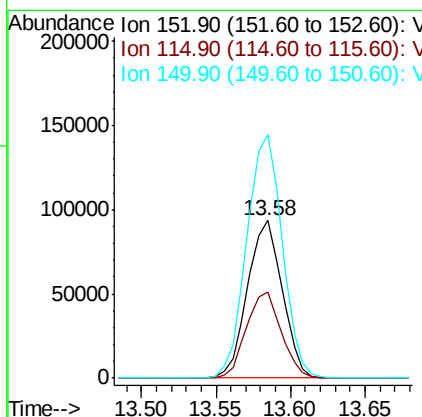
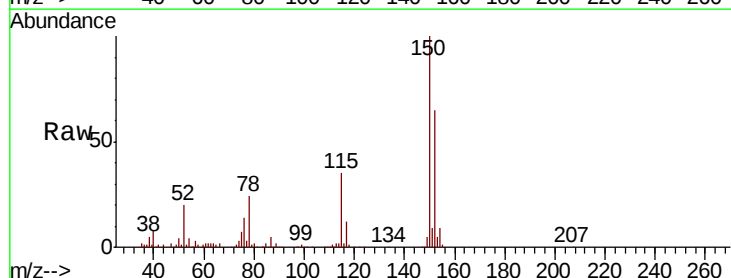
Instrument :
MSVOA_D
ClientSampleId :
P001-WC011

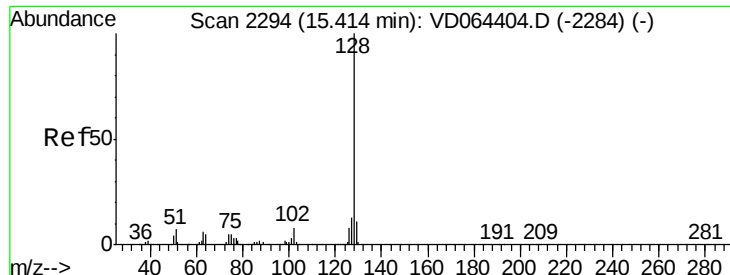
Tot Ion:117 Resp: 304517
Ion Ratio Lower Upper
117 100
82 50.0 41.4 62.2
119 32.8 26.2 39.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064438.D
Acq: 05 Dec 2019 16:04

Tgt Ion:152 Resp: 150689
Ion Ratio Lower Upper
152 100
115 54.7 26.7 80.1
150 157.5 0.0 347.2





#95

Naphthalene

Concen: 2.980 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.01 min

Lab File: VD064438.D

Acq: 05 Dec 2019 16:04

Instrument :

MSVOA_D

ClientSampleId :

P001-WC011

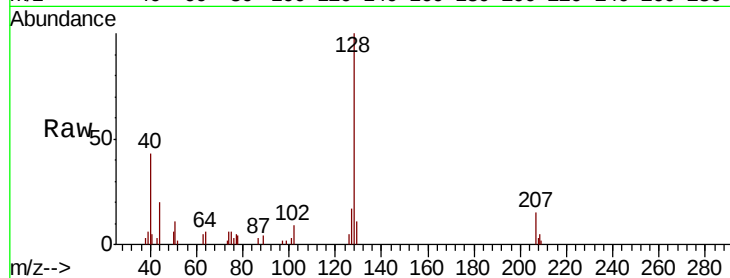
Tot Ion:128 Resp: 16535

Ion Ratio Lower Upper

128 100

127 16.2 10.5 15.7#

129 11.8 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

