

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121119\
 Data File : VD064501.D
 Acq On : 11 Dec 2019 15:17
 Operator : VA/SY
 Sample : K6247-04
 Misc : 7.13G/5.00ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RT3465

Quant Time: Dec 12 04:43:30 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

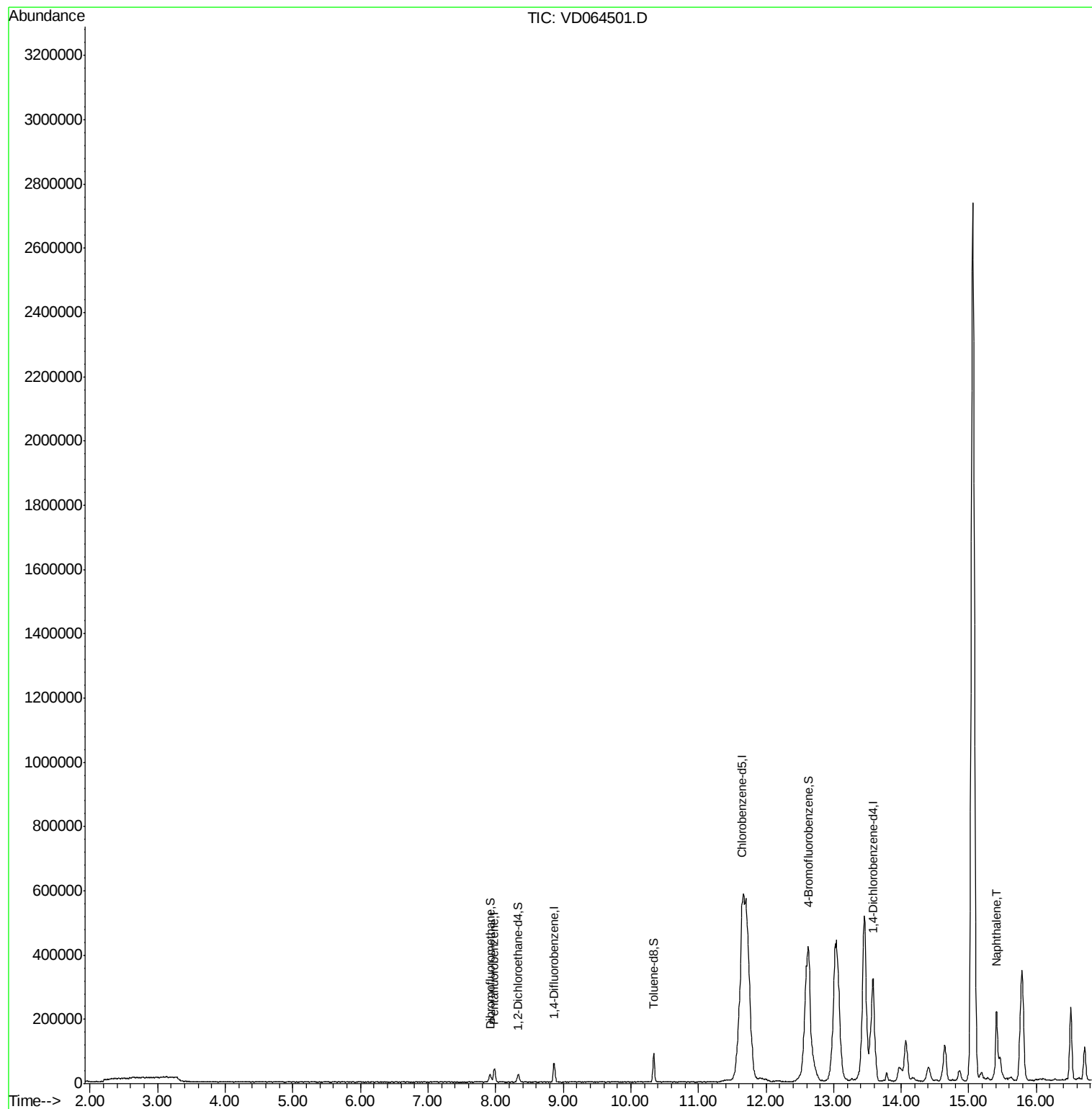
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	31253	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	49236	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	52804	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	61172	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	20309	71.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	143.58%	
35) Dibromofluoromethane	7.91	113	17344	55.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.82%	
50) Toluene-d8	10.34	98	58863	50.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.74%	
62) 4-Bromofluorobenzene	12.64	95	24531	65.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	130.64%	
Target Compounds						
95) Naphthalene	15.41	128	212432	94.314	ug/l	Qvalue 99

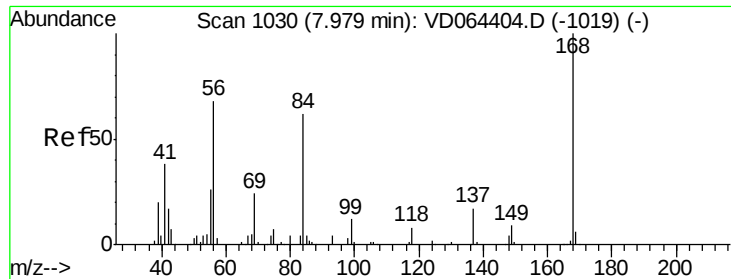
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD064501.D

Acq: 11 Dec 2019 15:17

Instrument :

MSVOA_D

ClientSampleId :

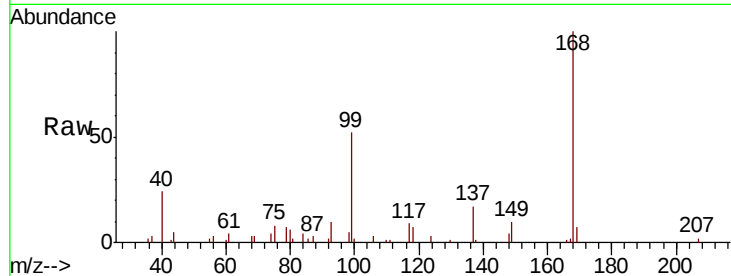
RT3465

Tot Ion:168 Resp: 31253

Ion Ratio Lower Upper

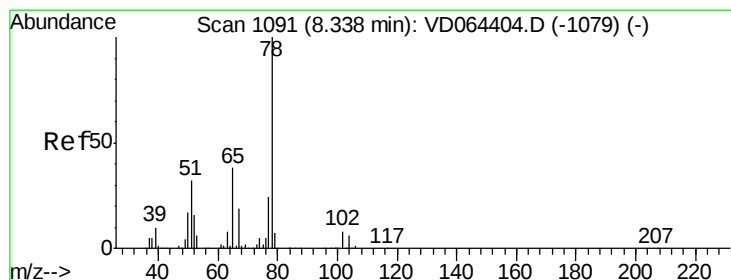
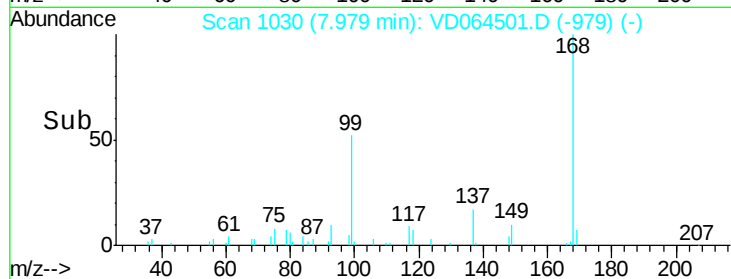
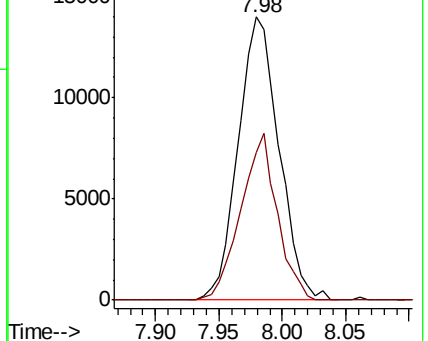
168 100

99 52.2 40.7 61.1



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: 71.792 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064501.D

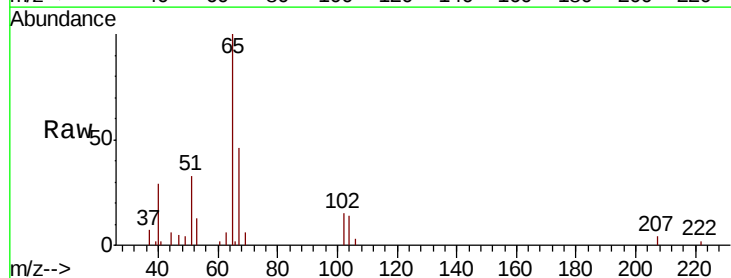
Acq: 11 Dec 2019 15:17

Tgt Ion: 65 Resp: 20309

Ion Ratio Lower Upper

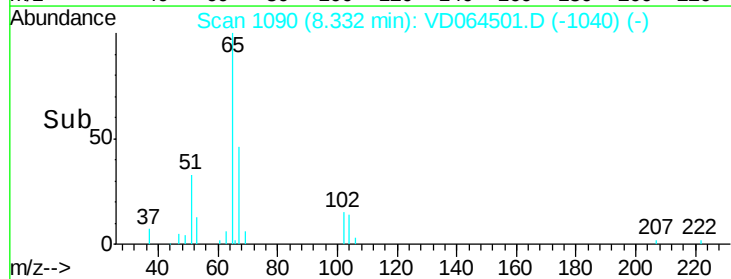
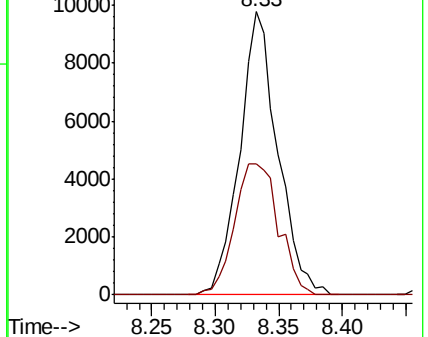
65 100

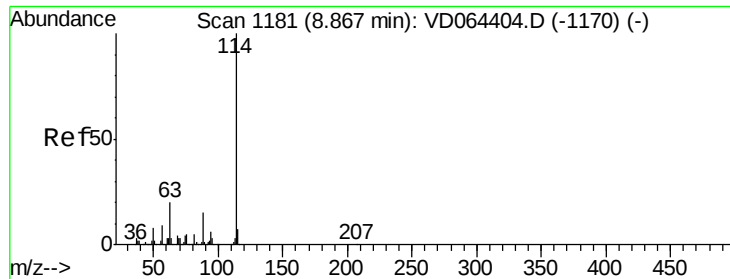
67 53.9 0.0 102.0



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: 8.86 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VD064501.D

Acq: 11 Dec 2019 15:17

Instrument :

MSVOA_D

ClientSampleId :

RT3465

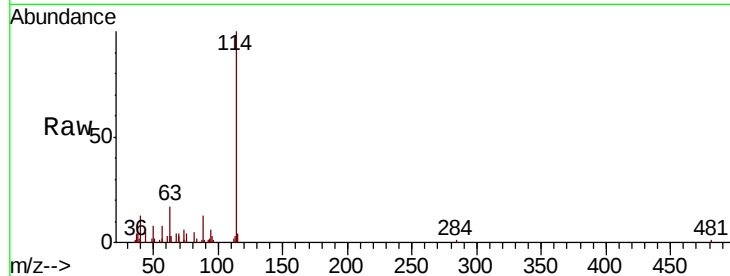
Tot Ion:114 Resp: 49236

Ion Ratio Lower Upper

114 100

63 16.6 0.0 40.0

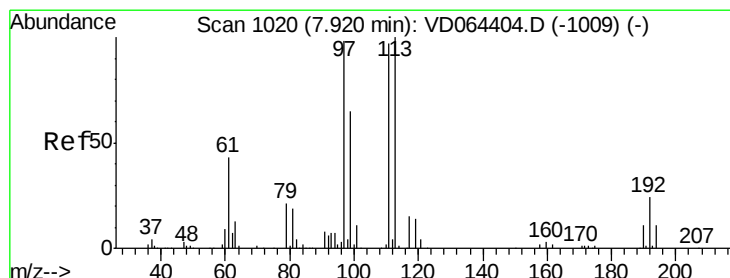
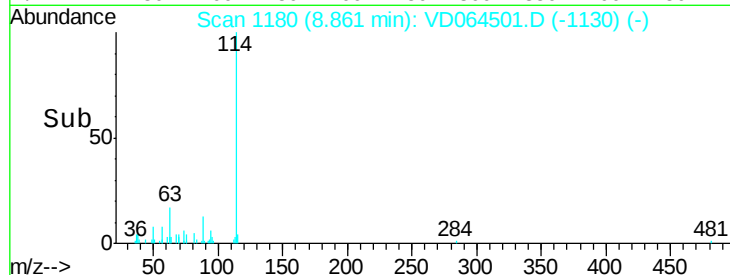
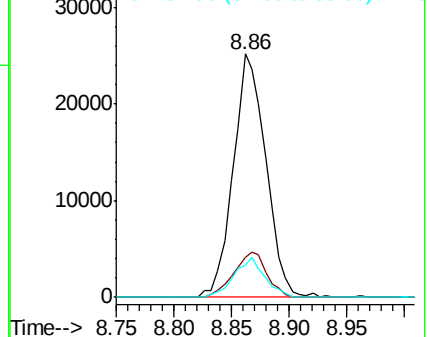
88 13.1 0.0 29.2



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: 55.910 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD064501.D

Acq: 11 Dec 2019 15:17

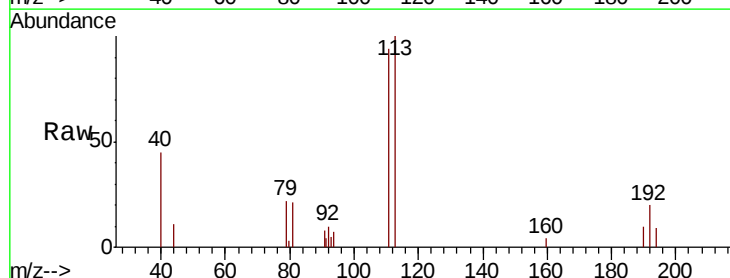
Tgt Ion:113 Resp: 17344

Ion Ratio Lower Upper

113 100

111 96.1 79.4 119.2

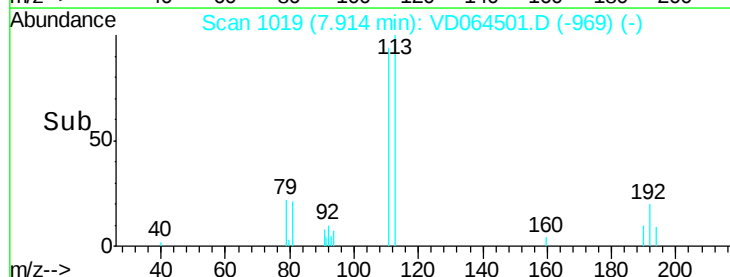
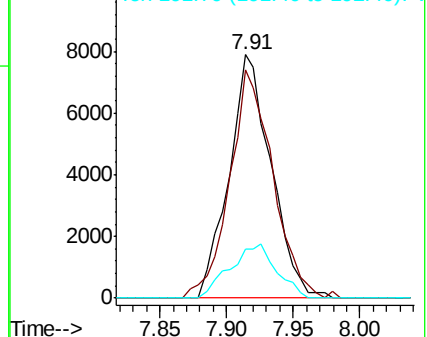
192 24.4 18.6 28.0



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: 50.373 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. -0.01 min

Lab File: VD064501.D

Acq: 11 Dec 2019 15:17

Instrument :

MSVOA_D

ClientSampleId :

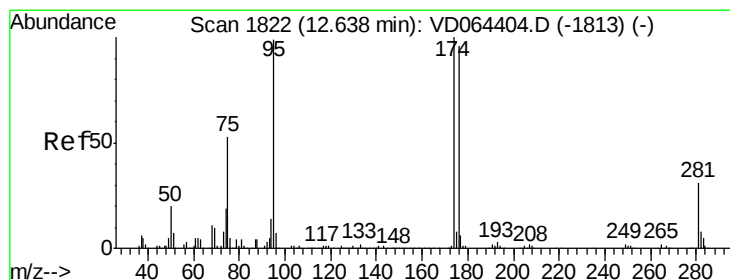
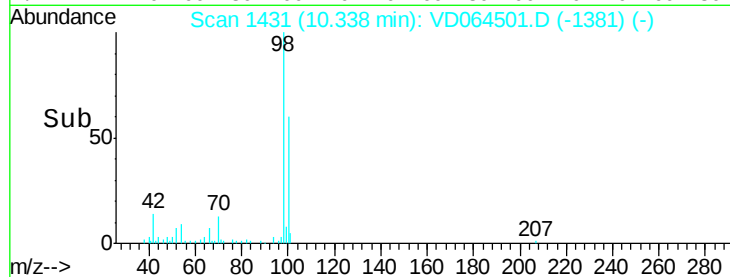
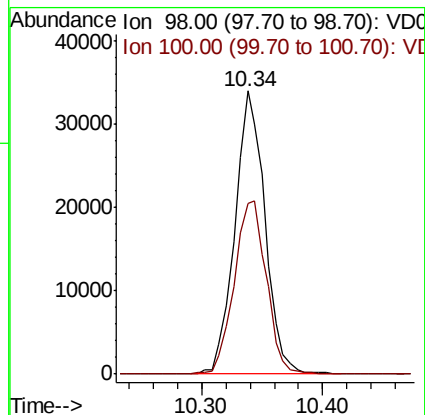
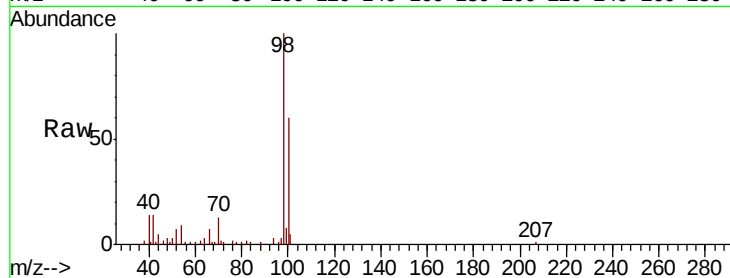
RT3465

Tot Ion: 98 Resp: 58863

Ion Ratio Lower Upper

98 100

100 65.5 52.6 79.0



#62

4-Bromofluorobenzene

Concen: 65.323 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064501.D

Acq: 11 Dec 2019 15:17

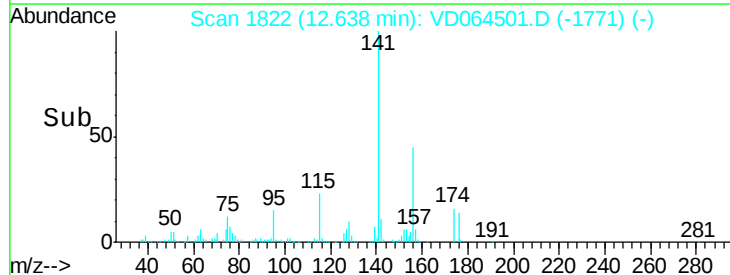
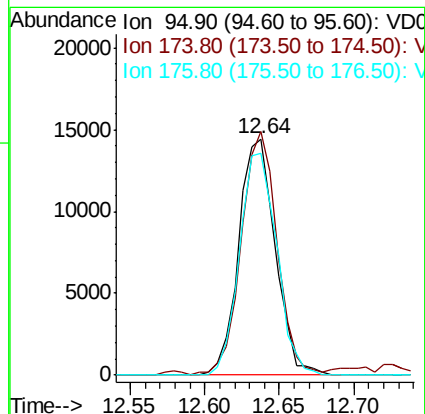
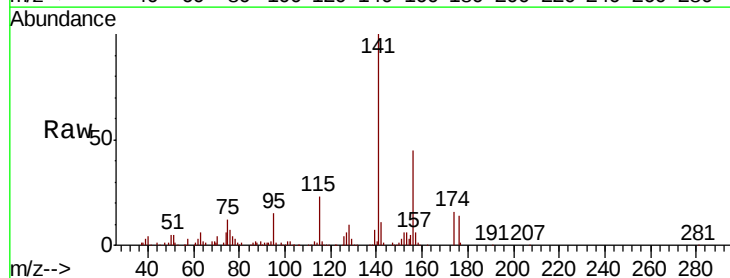
Tgt Ion: 95 Resp: 24531

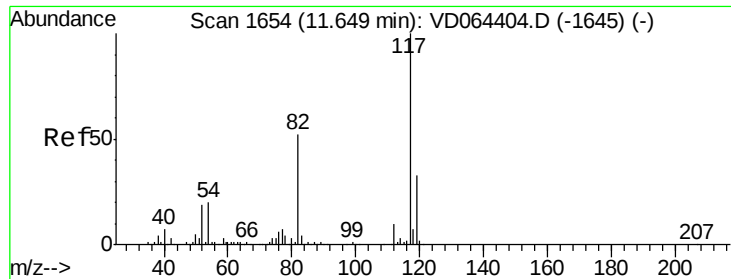
Ion Ratio Lower Upper

95 100

174 100.7 0.0 197.2

176 95.4 0.0 189.6

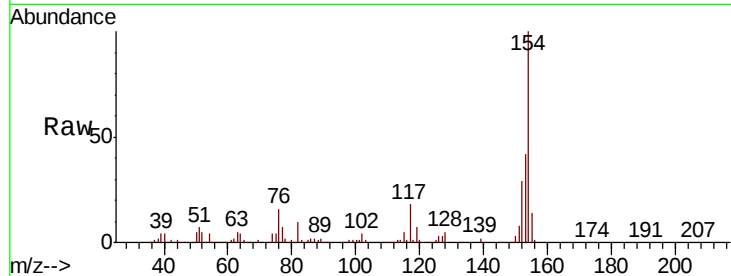




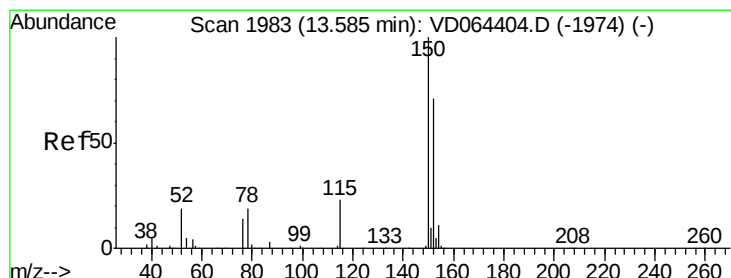
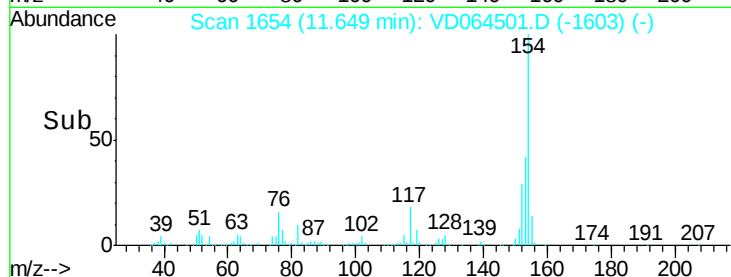
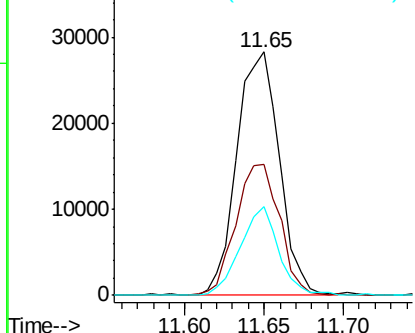
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064501.D
Acq: 11 Dec 2019 15:17

Instrument :
MSVOA_D
ClientSampleId :
RT3465

Tot Ion:117 Resp: 52804
Ion Ratio Lower Upper
117 100
82 53.8 41.4 62.2
119 36.5 26.2 39.2

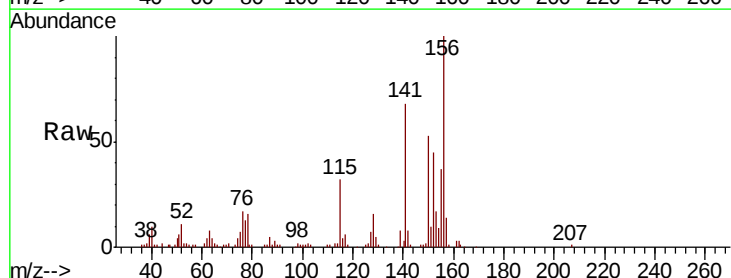


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

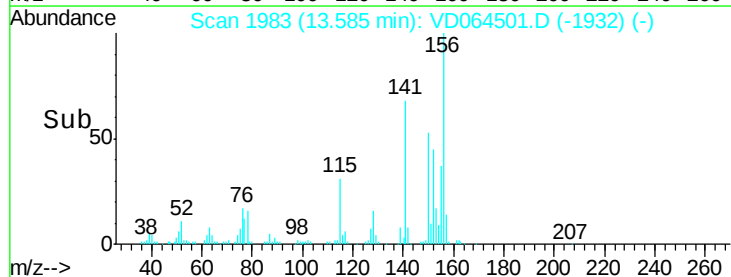
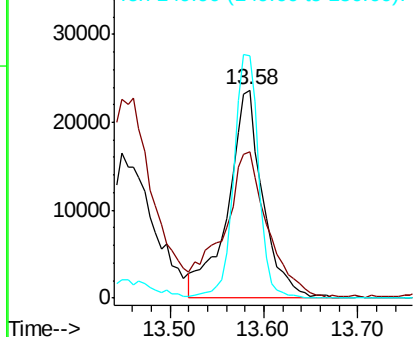


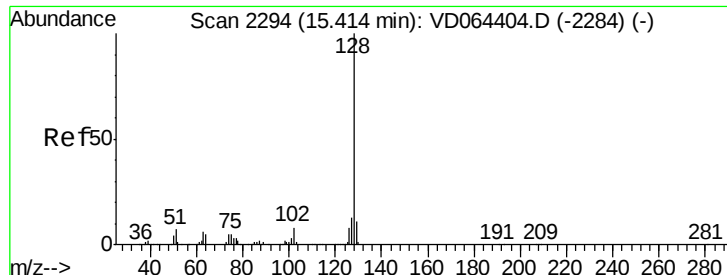
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064501.D
Acq: 11 Dec 2019 15:17

Tgt Ion:152 Resp: 61172
Ion Ratio Lower Upper
152 100
115 90.0 26.7 80.1#
150 83.2 0.0 347.2



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





#95

Naphthalene

Concen: 94.314 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.01 min

Lab File: VD064501.D

Acq: 11 Dec 2019 15:17

Instrument :

MSVOA_D

ClientSampleId :

RT3465

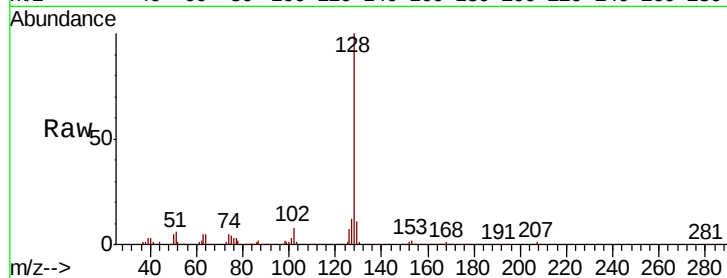
Tot Ion:128 Resp: 212432

Ion Ratio Lower Upper

128 100

127 14.0 10.5 15.7

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

