

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112019\
 Data File : VD064312.D
 Acq On : 20 Nov 2019 14:36
 Operator : VA/SY
 Sample : K5940-02
 Misc : 5.02G/5.00ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 33RD-ST-7TH-AVE-WEST-COMP

Quant Time: Nov 20 15:53:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 12 02:43:24 2019
 Response via : Initial Calibration

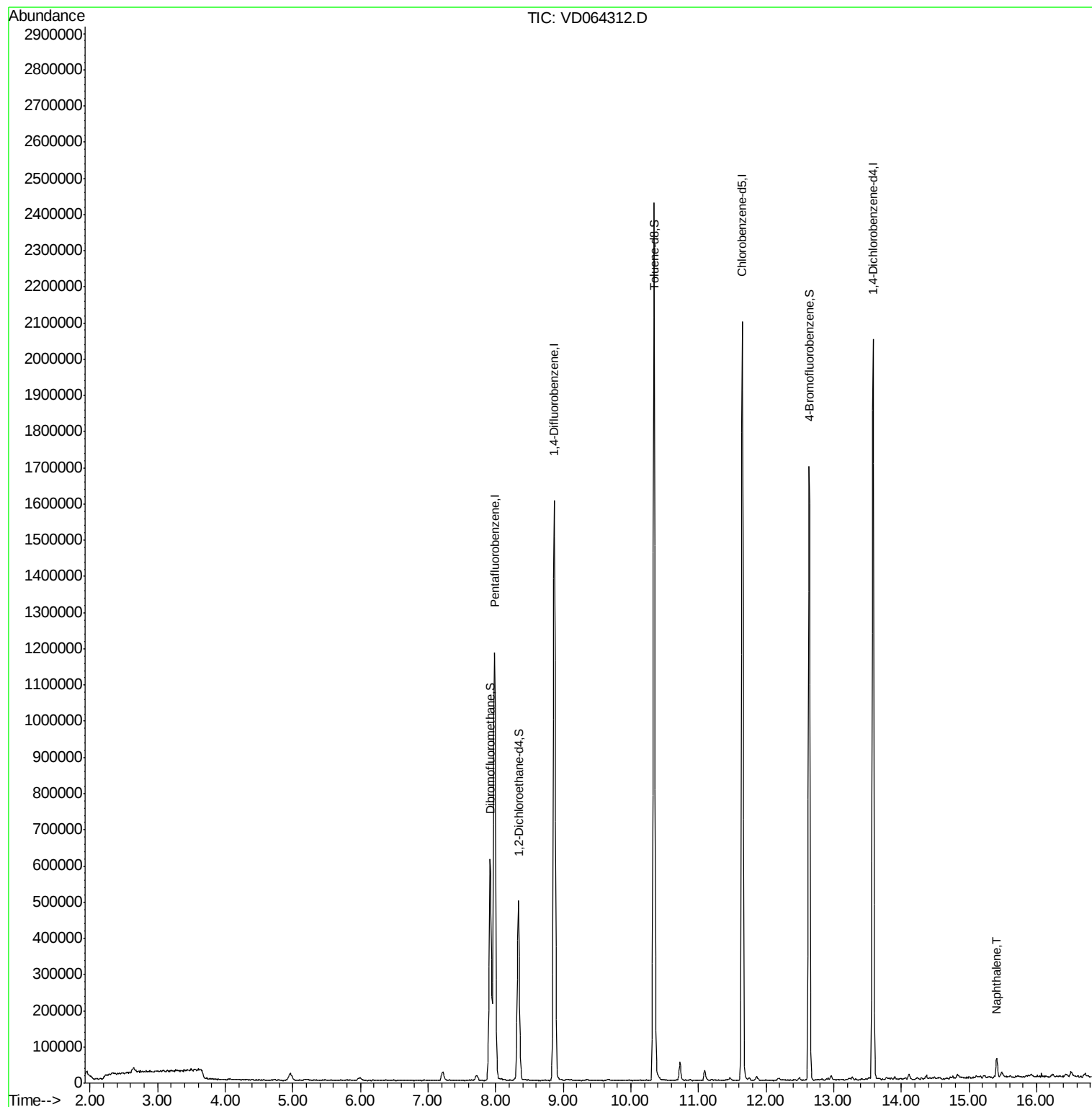
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	983066	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1414713	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	1225263	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	563239	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	392005	48.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.96%	
35) Dibromofluoromethane	7.92	113	419510	51.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.32%	
50) Toluene-d8	10.34	98	1623714	53.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.00%	
62) 4-Bromofluorobenzene	12.64	95	510899	48.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.32%	
Target Compounds						
95) Naphthalene	15.41	128	43038	2.157	ug/l	Qvalue 97

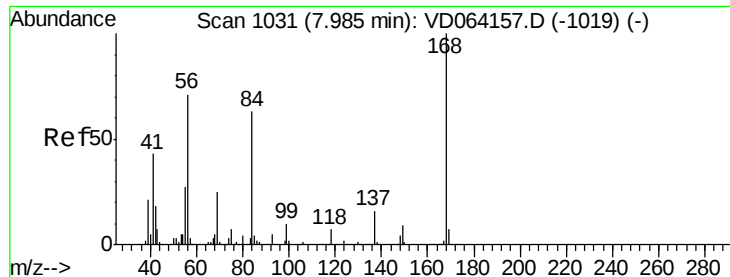
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD064312.D

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Instrument :

MSVOA_D

ClientSampleId :

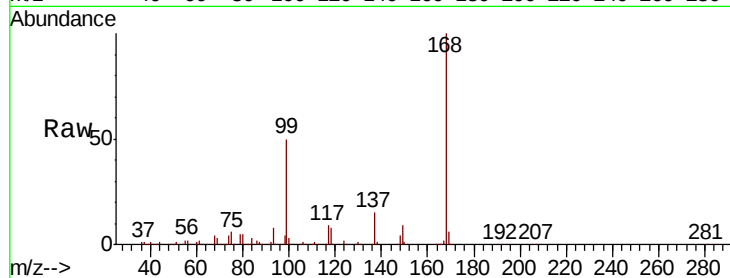
33RD-ST-7TH-AVE-WEST-COMP

Tot Ion:168 Resp: 983066

Ion Ratio Lower Upper

168 100

99 49.6 41.6 62.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

400000

300000

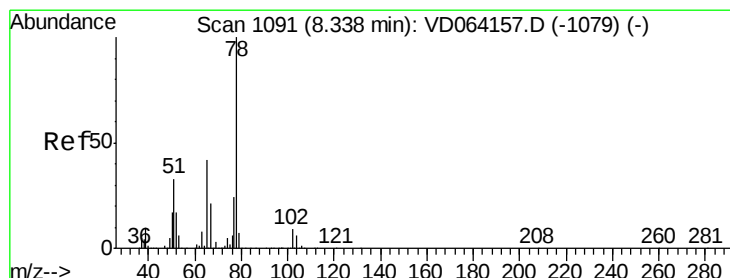
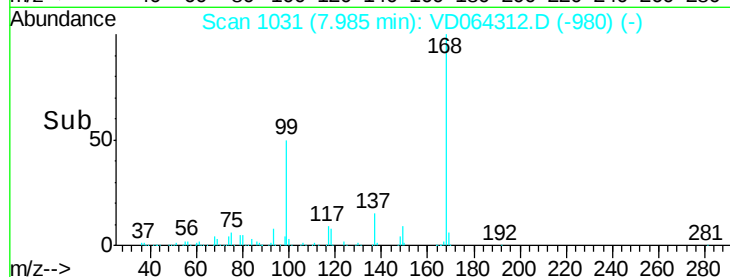
200000

100000

0

Time-->

7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 48.485 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064312.D

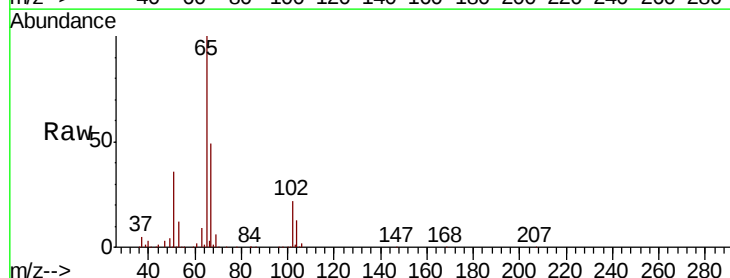
Acq: 20 Nov 2019 14:36

Tgt Ion: 65 Resp: 392005

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

200000

150000

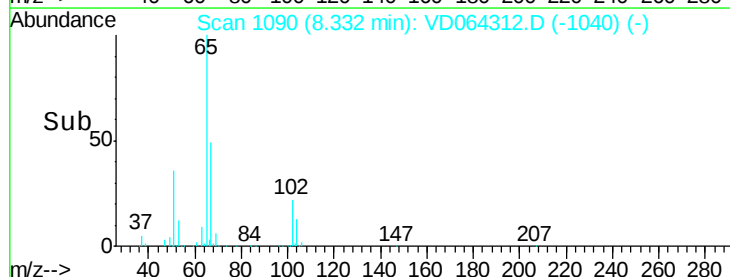
100000

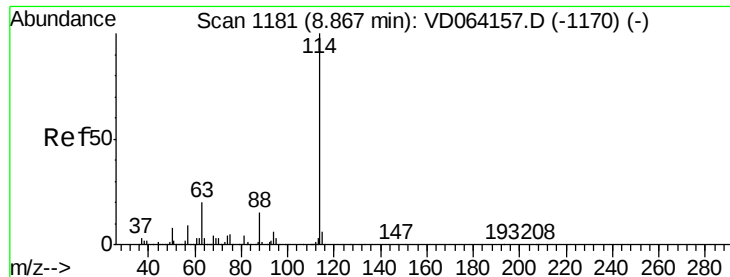
50000

0

Time-->

8.30 8.40

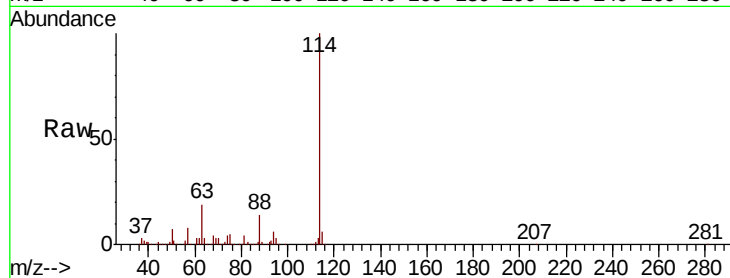




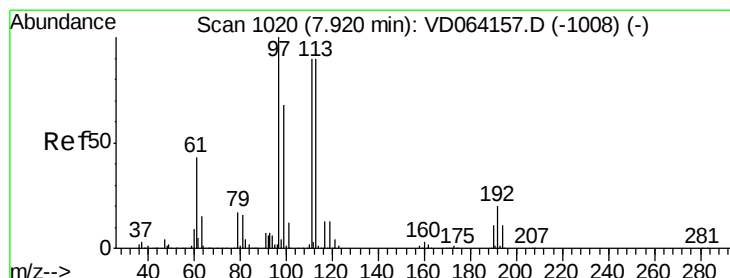
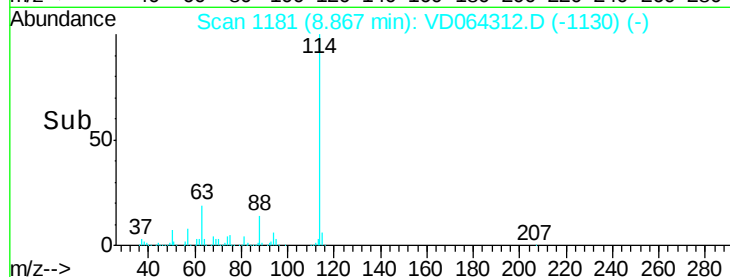
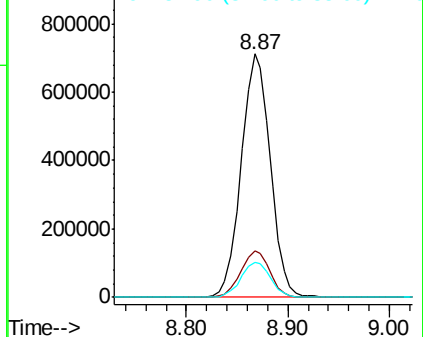
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. -0.00 min
 Lab File: VD064312.D
 Acq: 20 Nov 2019 14:36

Instrument :
 MSVOA_D
 ClientSampleId :
 33RD-ST-7TH-AVE-WEST-COMP

Tot Ion:114 Resp: 1414713
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 40.0
 88 14.4 0.0 30.2

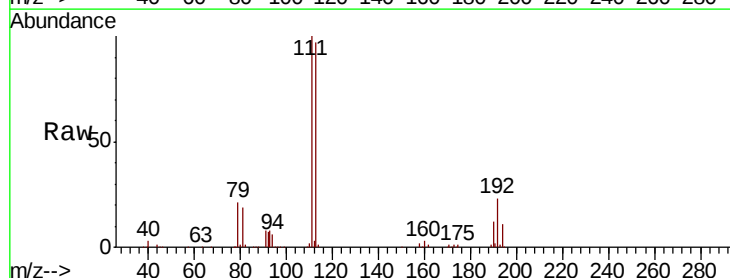


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

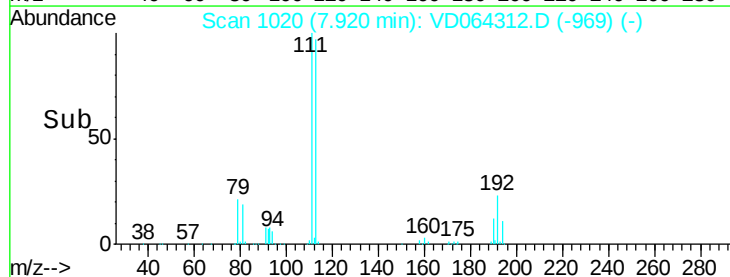
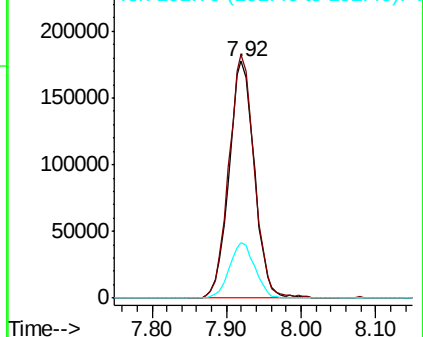


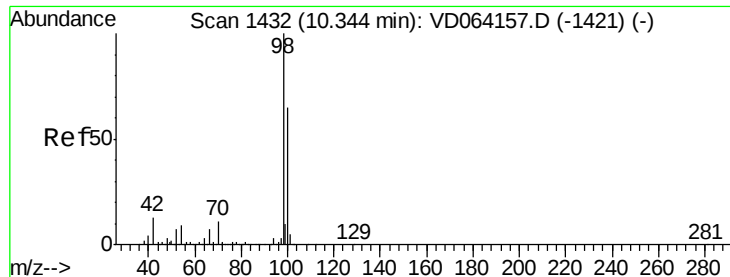
#35
 Dibromofluoromethane
 Concen: 51.659 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. -0.00 min
 Lab File: VD064312.D
 Acq: 20 Nov 2019 14:36

Tgt Ion:113 Resp: 419510
 Ion Ratio Lower Upper
 113 100
 111 102.9 81.5 122.3
 192 23.6 18.8 28.2



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: 53.003 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. -0.00 min

Lab File: VD064312.D

Acq: 20 Nov 2019 14:36

Instrument :

MSVOA_D

ClientSampleId :

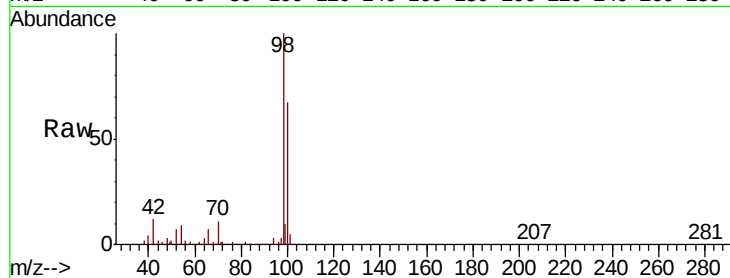
33RD-ST-7TH-AVE-WEST-COMP

Tot Ion: 98 Resp: 1623714

Ion Ratio Lower Upper

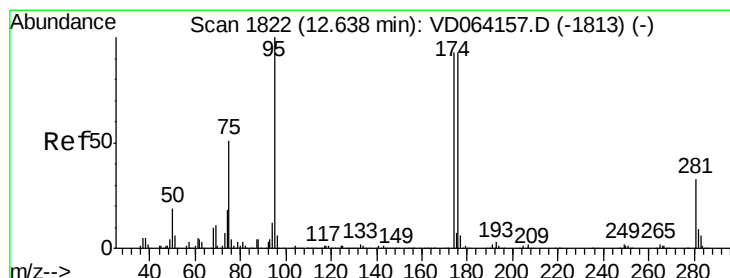
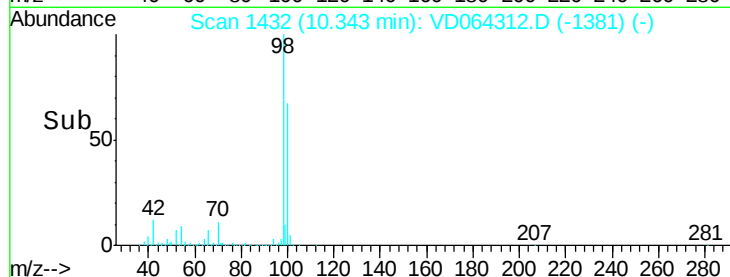
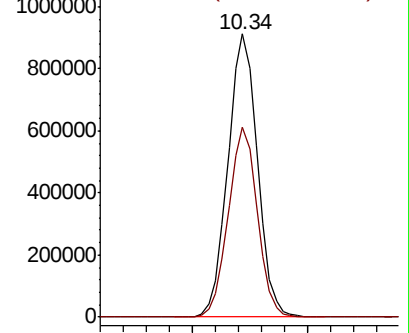
98 100

100 66.2 52.6 78.8



Abundance Ion 98.00 (97.70 to 98.70): VDC

Ion 100.00 (99.70 to 100.70): VDC



#62

4-Bromofluorobenzene

Concen: 48.157 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. -0.00 min

Lab File: VD064312.D

Acq: 20 Nov 2019 14:36

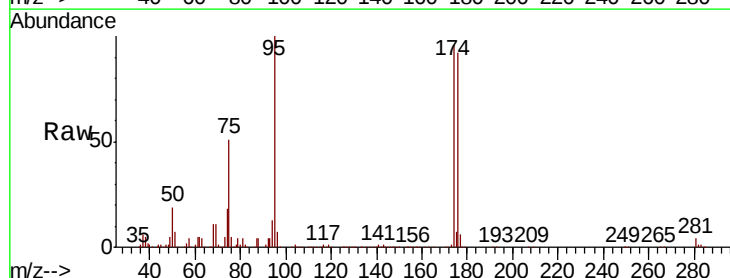
Tgt Ion: 95 Resp: 510899

Ion Ratio Lower Upper

95 100

174 97.2 0.0 183.6

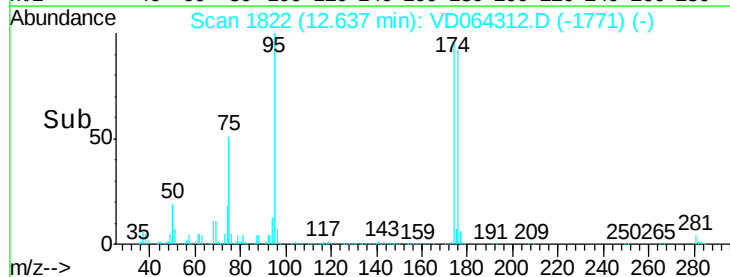
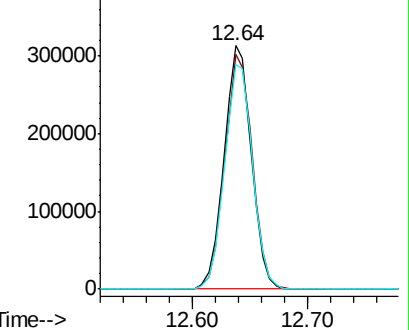
176 94.5 0.0 180.2

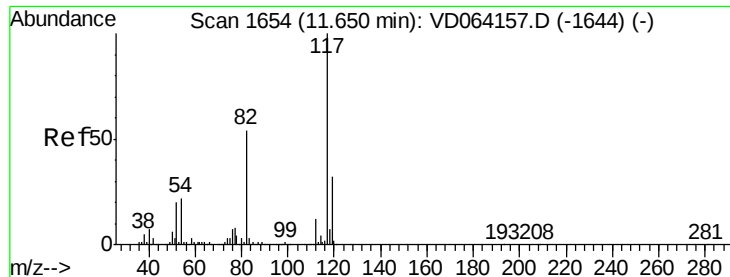


Abundance Ion 94.90 (94.60 to 95.60): VDC

Ion 173.80 (173.50 to 174.50): VDC

Ion 175.80 (175.50 to 176.50): VDC

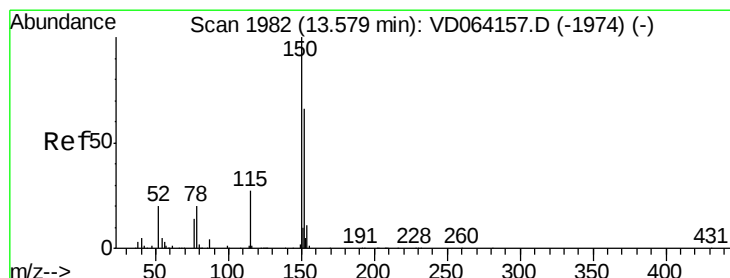
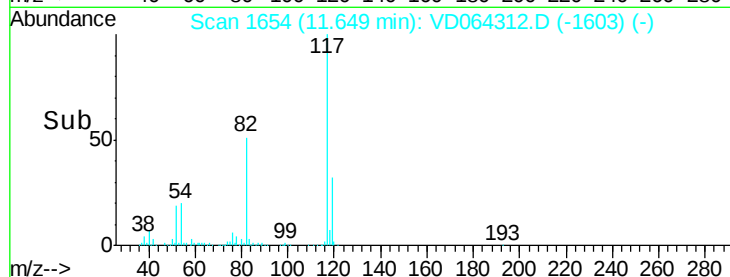
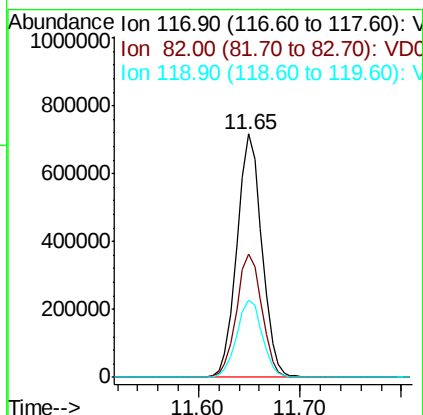
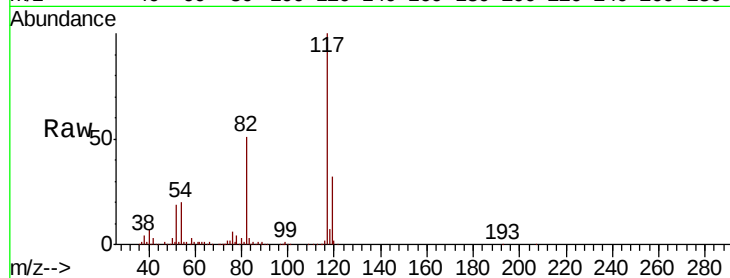




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064312.D
Acq: 20 Nov 2019 14:36

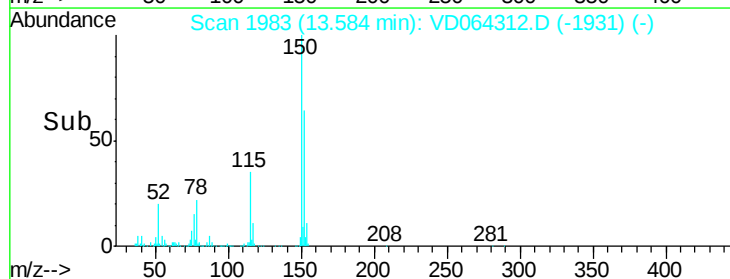
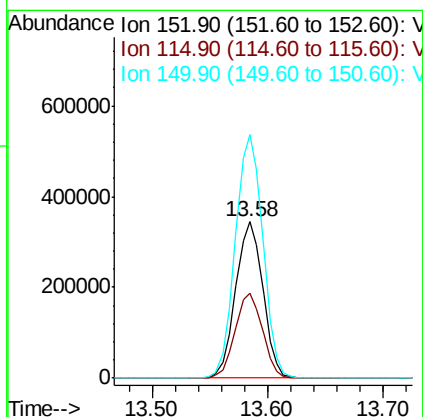
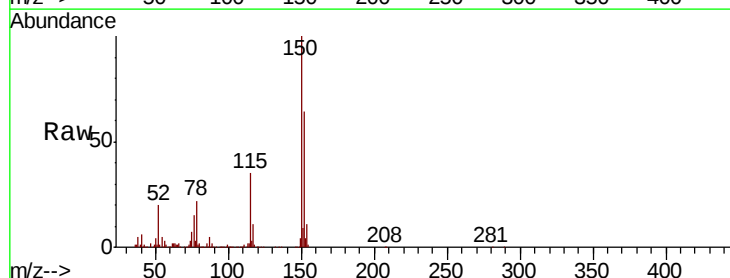
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33RD-ST-7TH-AVE-WEST-COMP

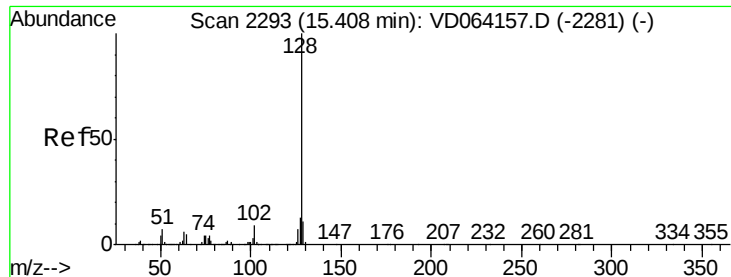
Tot Ion:117 Resp: 1225263
Ion Ratio Lower Upper
117 100
82 50.6 42.8 64.2
119 31.7 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.01 min
Lab File: VD064312.D
Acq: 20 Nov 2019 14:36

Tgt Ion:152 Resp: 563239
Ion Ratio Lower Upper
152 100
115 54.3 27.4 82.2
150 157.0 0.0 351.6

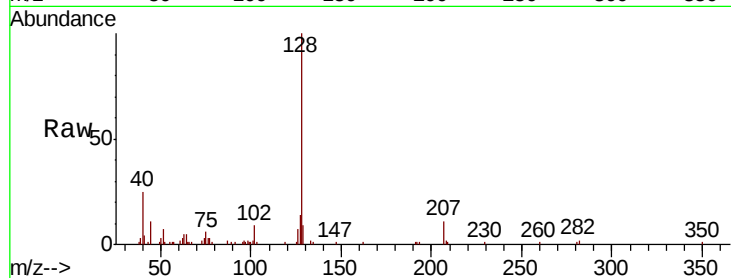




#95
Naphthalene
Concen: 2.157 ug/l
RT: 15.41 min Scan# 2294
Delta R.T. 0.01 min
Lab File: VD064312.D
Acq: 20 Nov 2019 14:36

Instrument :
MSVOA_D
ClientSampleId :
33RD-ST-7TH-AVE-WEST-COMP

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.8	10.5	15.7
129	12.3	8.6	13.0



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

