

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010320\
 Data File : VD064727.D
 Acq On : 03 Jan 2020 11:39
 Operator : VA/SY
 Sample : VD0103SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0103SBL01

Quant Time: Jan 03 16:50:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	536375	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	828893	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	736390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	348466	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	251426	53.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.32%	
35) Dibromofluoromethane	7.91	113	252245	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
50) Toluene-d8	10.34	98	994783	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
62) 4-Bromofluorobenzene	12.64	95	305770	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	

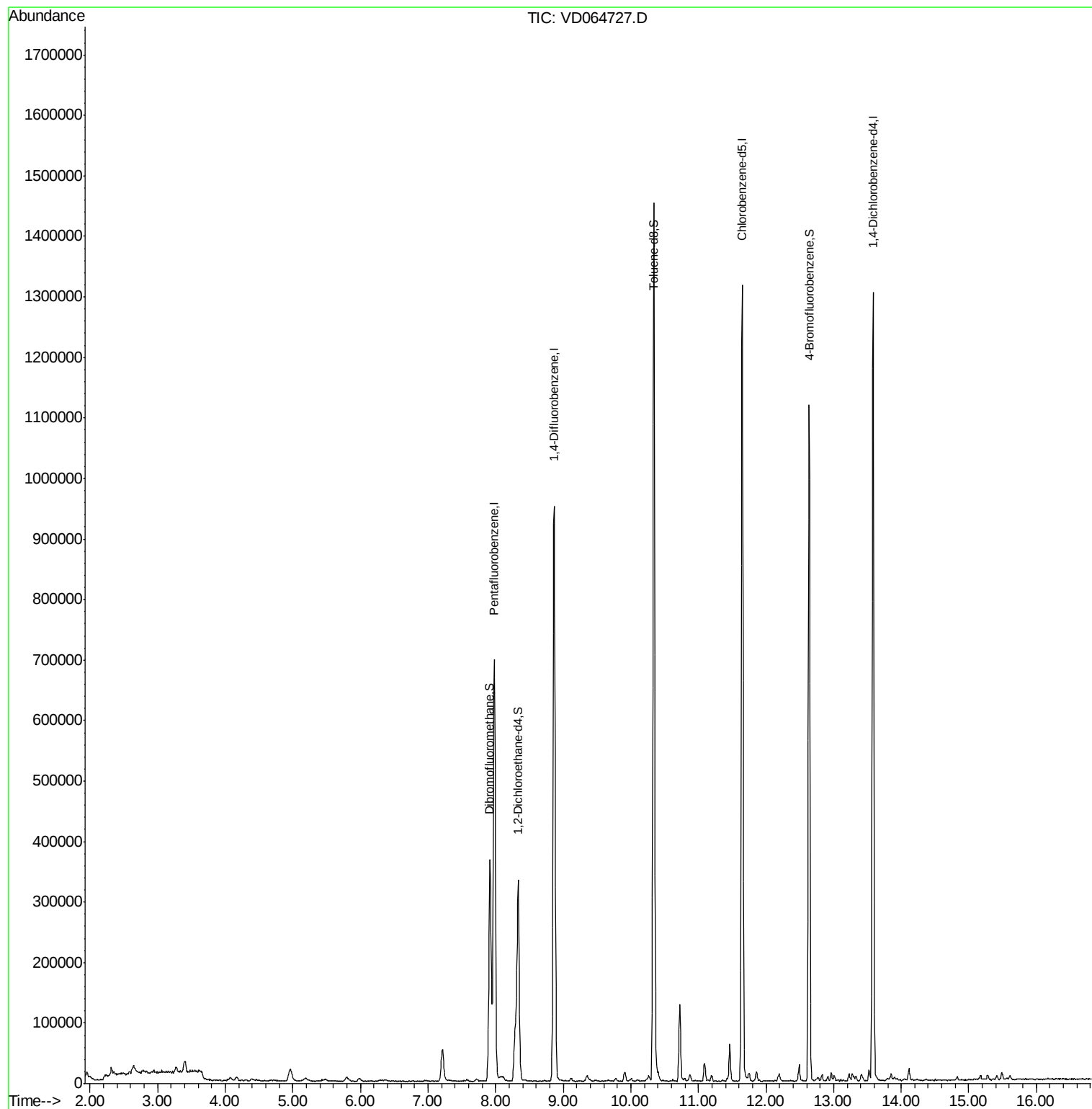
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.99 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064727.D

Acq: 03 Jan 2020 11:39

Instrument :

MSVOA_D

ClientSampleId :

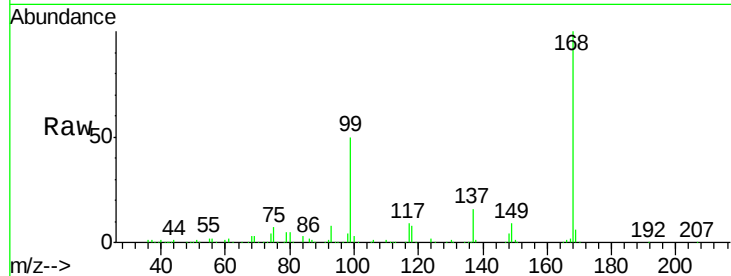
VD0103SBL01

Tgt Ion:168 Resp: 536375

Ion Ratio Lower Upper

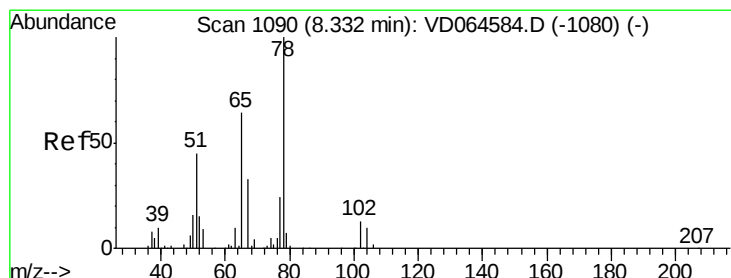
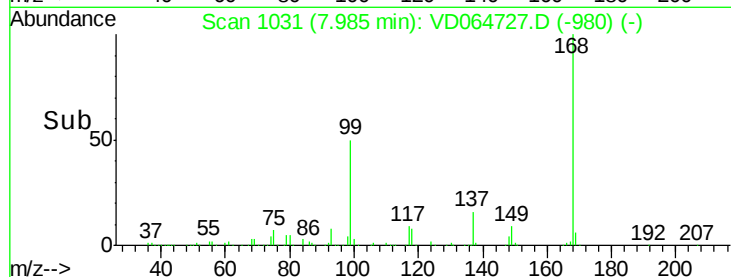
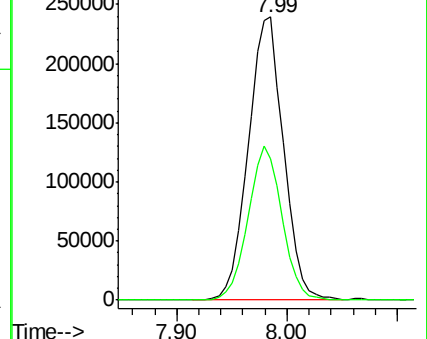
168 100

99 49.5 41.8 62.6



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: 53.159 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD064727.D

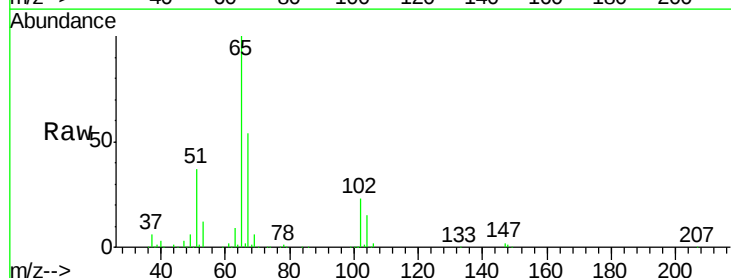
Acq: 03 Jan 2020 11:39

Tgt Ion: 65 Resp: 251426

Ion Ratio Lower Upper

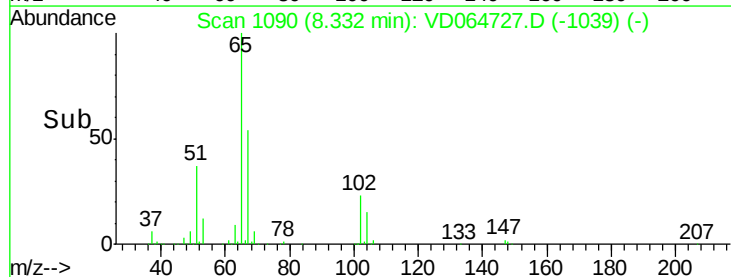
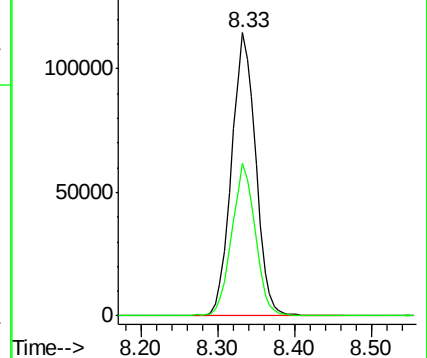
65 100

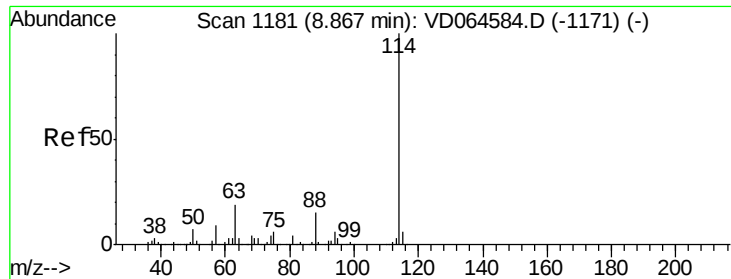
67 52.7 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

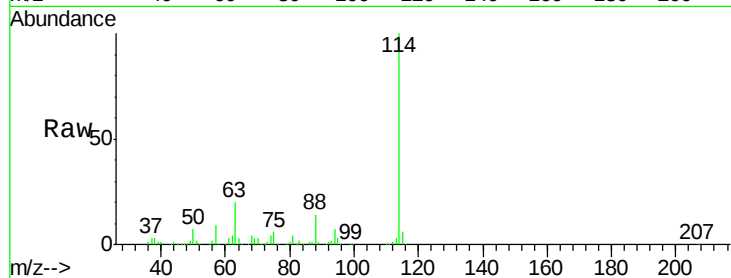




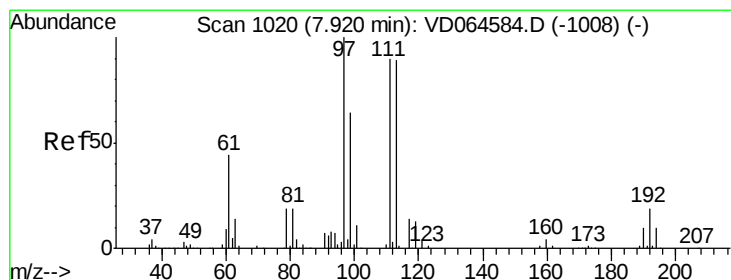
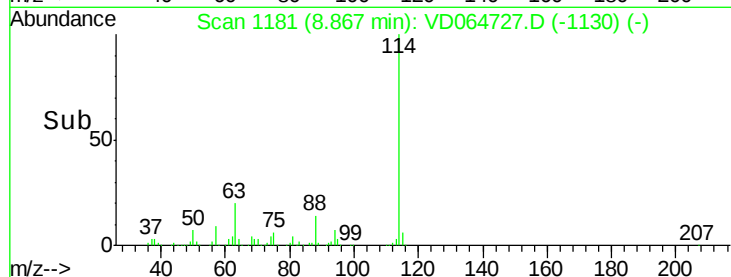
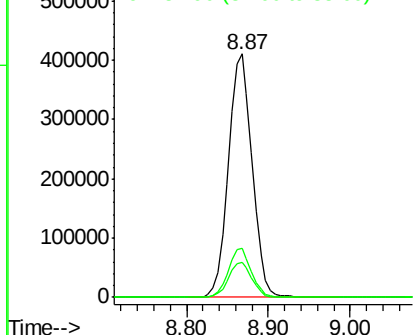
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064727.D
 Acq: 03 Jan 2020 11:39

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0103SBL01

Tgt Ion:114 Resp: 828893
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 38.0
 88 14.2 0.0 29.2

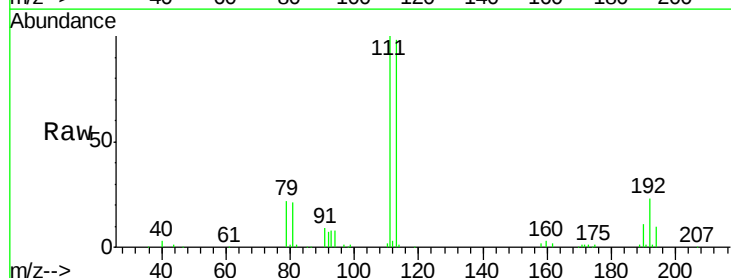


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

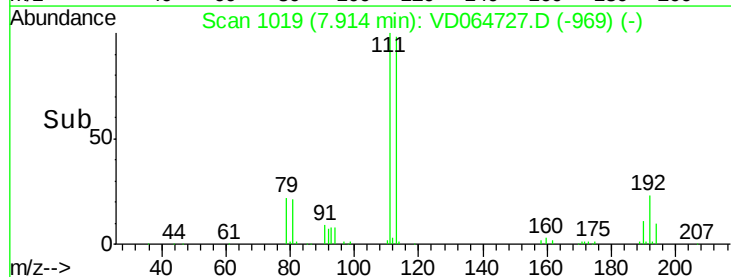
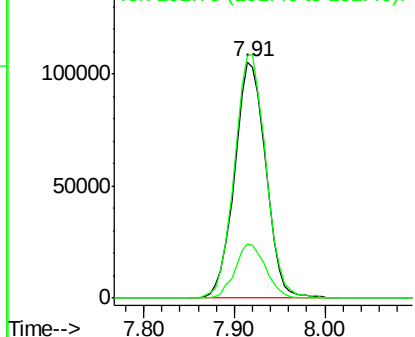


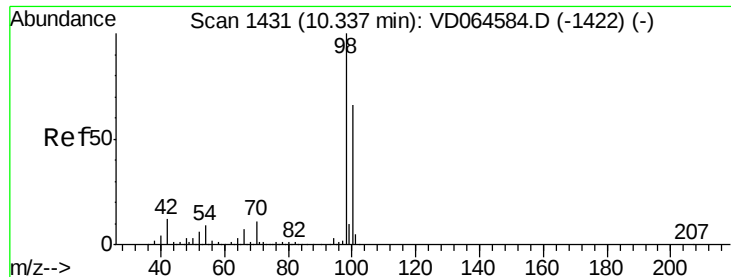
#35
 Dibromofluoromethane
 Concen: 49.602 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD064727.D
 Acq: 03 Jan 2020 11:39

Tgt Ion:113 Resp: 252245
 Ion Ratio Lower Upper
 113 100
 111 104.0 80.6 121.0
 192 22.7 17.9 26.9



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: 51.076 ug/l

RT: 10.34 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VD064727.D

Acq: 03 Jan 2020 11:39

Instrument :

MSVOA_D

ClientSampleId :

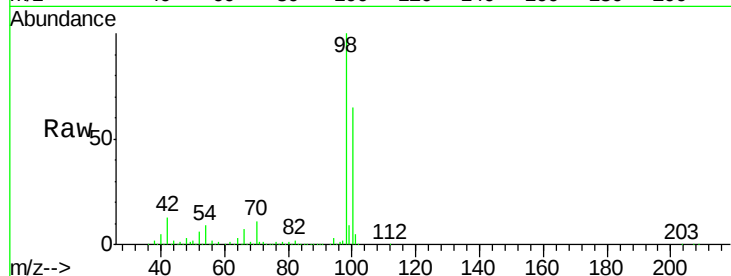
VD0103SBL01

Tgt Ion: 98 Resp: 994783

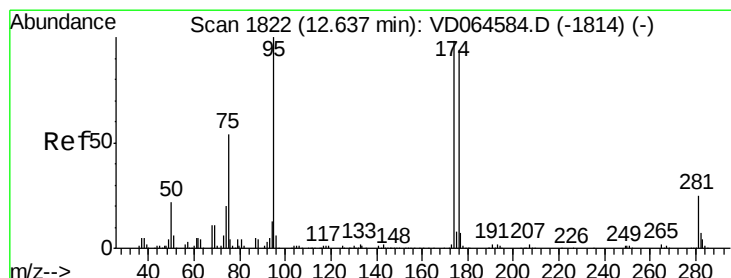
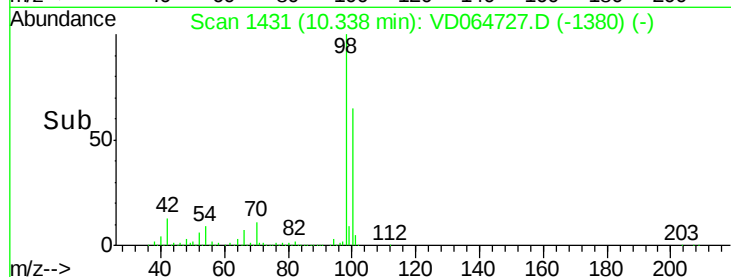
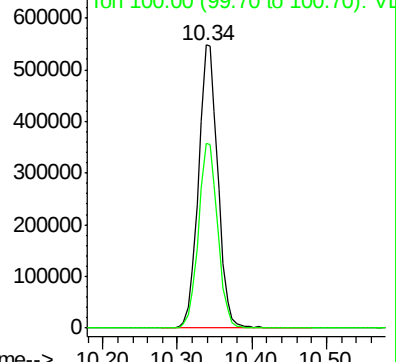
Ion Ratio Lower Upper

98 100

100 64.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VD064584.D (-1422) (-)



#62

4-Bromofluorobenzene

Concen: 49.649 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064727.D

Acq: 03 Jan 2020 11:39

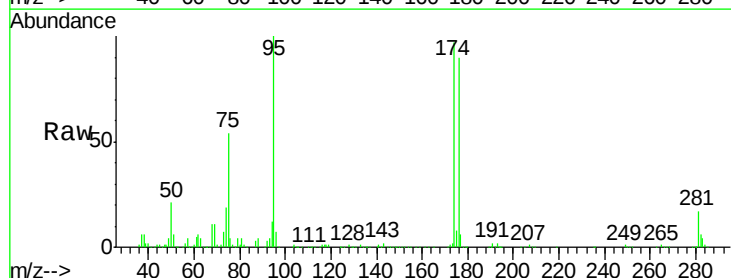
Tgt Ion: 95 Resp: 305770

Ion Ratio Lower Upper

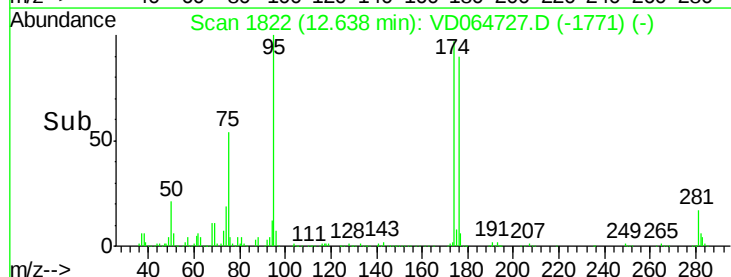
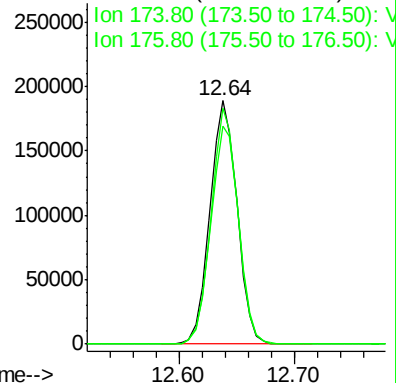
95 100

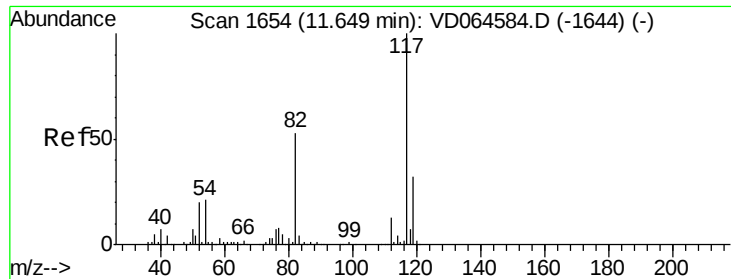
174 96.0 0.0 193.2

176 92.0 0.0 184.2



Abundance Ion 94.90 (94.60 to 95.60): VD064584.D (-1814) (-)

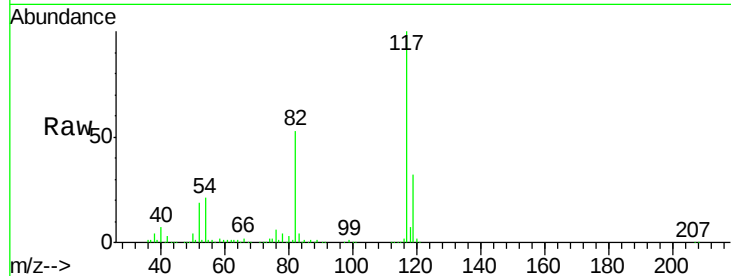




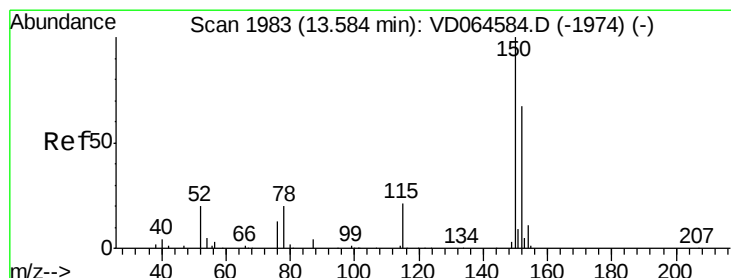
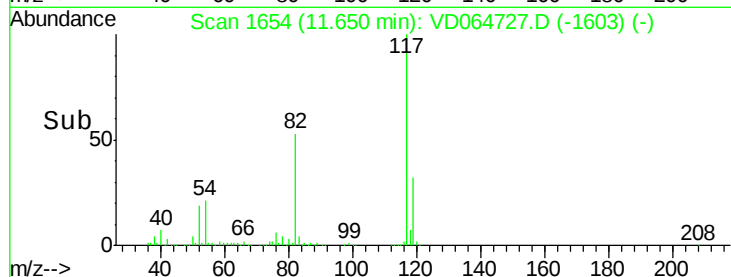
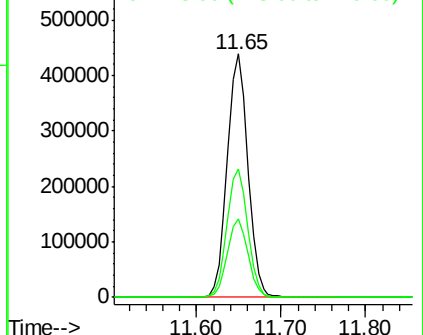
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064727.D
Acq: 03 Jan 2020 11:39

Instrument :
MSVOA_D
ClientSampleId :
VD0103SBL01

Tgt Ion:117 Resp: 736390
Ion Ratio Lower Upper
117 100
82 52.6 42.2 63.4
119 32.5 26.0 39.0

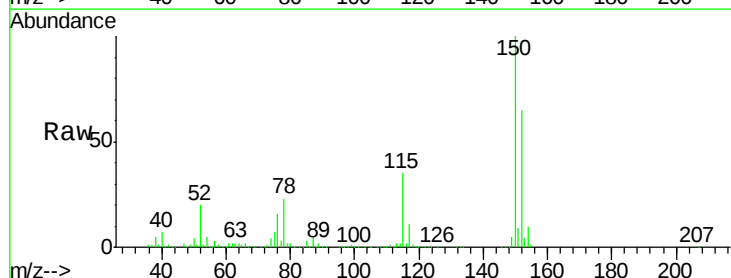


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064727.D
Acq: 03 Jan 2020 11:39

Tgt Ion:152 Resp: 348466
Ion Ratio Lower Upper
152 100
115 54.5 27.8 83.4
150 155.8 0.0 351.4



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

