

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD120419\
 Data File : VD064414.D
 Acq On : 04 Dec 2019 13:55
 Operator : VA/SY
 Sample : K6119-01
 Misc : 4.82G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3-(0-2)

Quant Time: Dec 05 06:07:14 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	742408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	1116244	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	985729	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	466394	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	315584	46.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.92%	
35) Dibromofluoromethane	7.92	113	337887	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
50) Toluene-d8	10.34	98	1299142	49.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.08%	
62) 4-Bromofluorobenzene	12.64	95	422096	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	

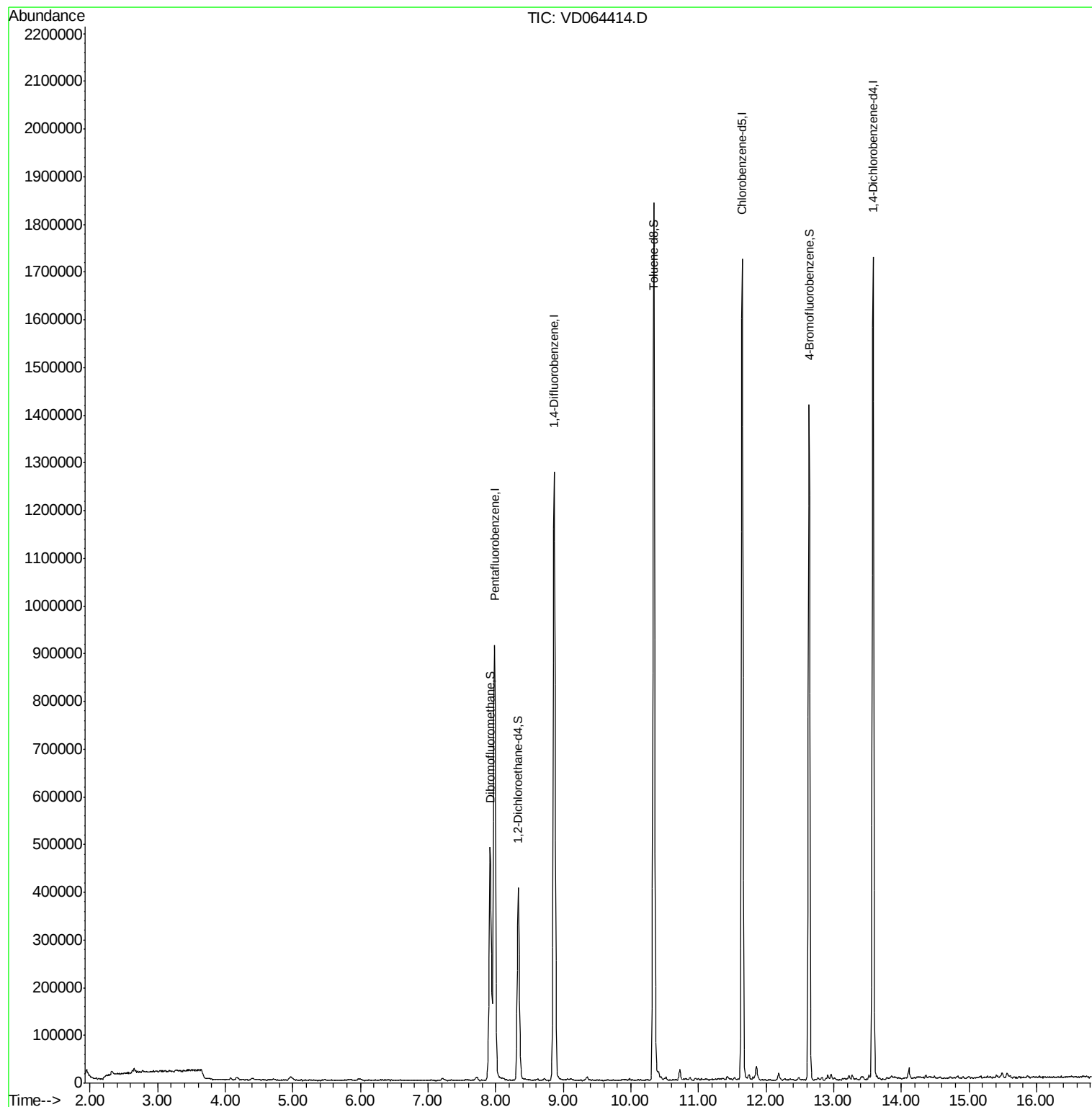
Target Compounds	Qvalue

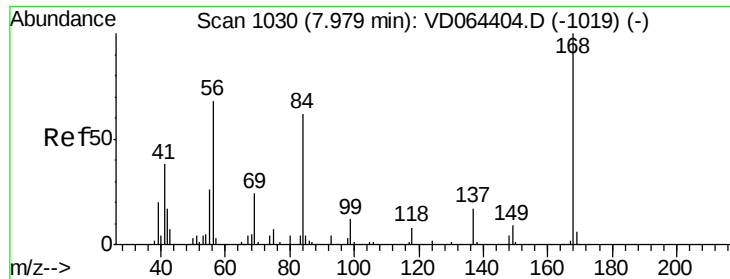
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.01 min

Lab File: VD064414.D

Acq: 04 Dec 2019 13:55

Instrument :

MSVOA_D

ClientSampleId :

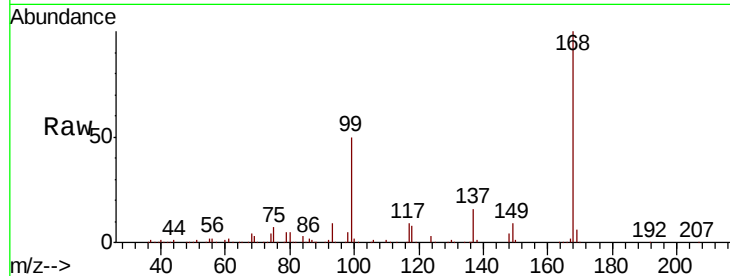
SB-3-(0-2)

Tot Ion:168 Resp: 742408

Ion Ratio Lower Upper

168 100

99 49.6 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

300000

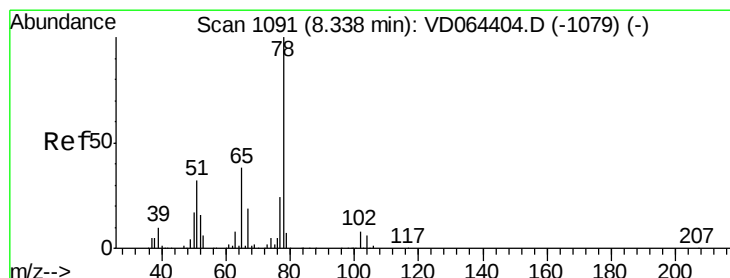
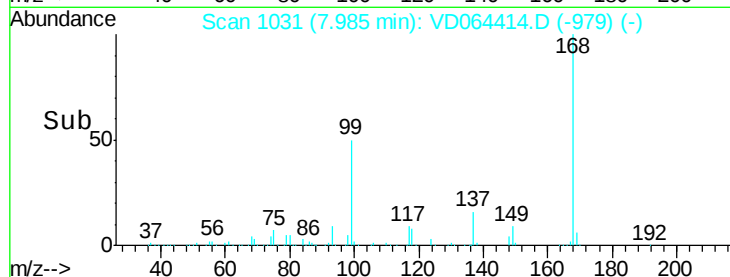
200000

100000

0

Time-->

7.90 8.00 8.10



#33

1,2-Dichloroethane-d4

Concen: 46.963 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. -0.00 min

Lab File: VD064414.D

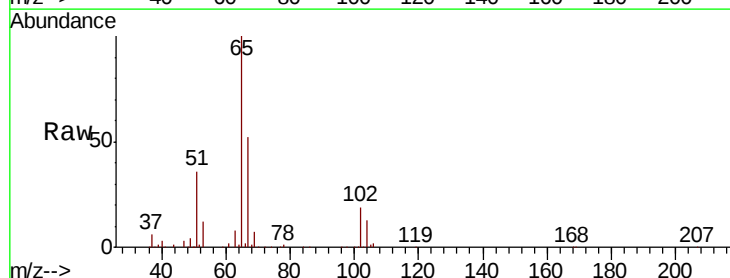
Acq: 04 Dec 2019 13:55

Tgt Ion: 65 Resp: 315584

Ion Ratio Lower Upper

65 100

67 51.5 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

150000

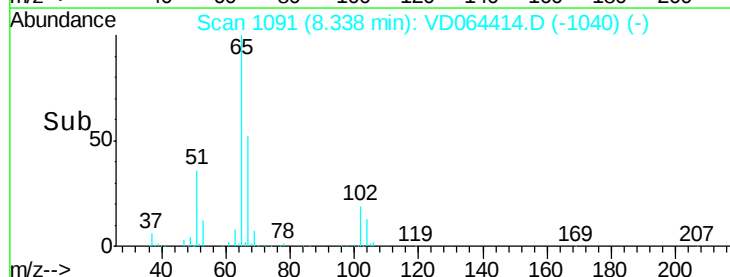
100000

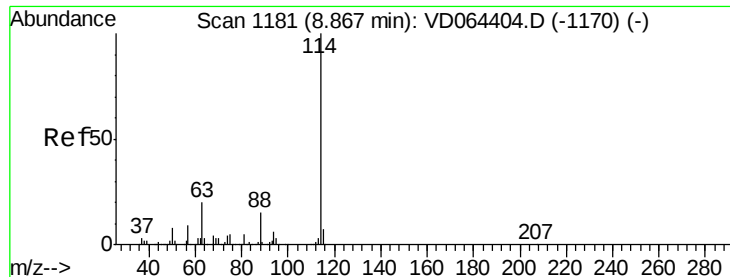
50000

0

Time-->

8.20 8.30 8.40

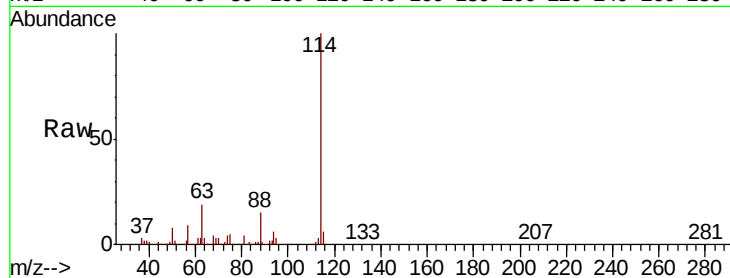




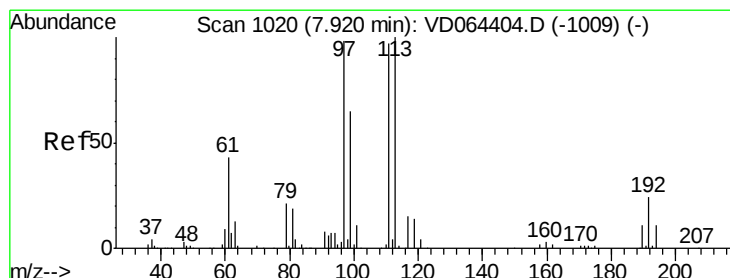
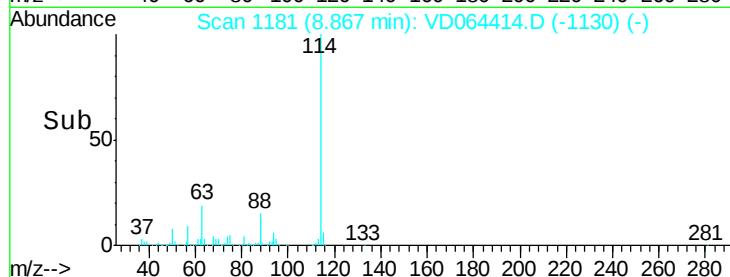
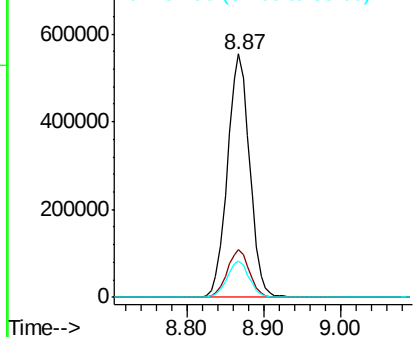
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.87 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VD064414.D
Acq: 04 Dec 2019 13:55

Instrument :
MSVOA_D
ClientSampleId :
SB-3-(0-2)

Tot Ion:114 Resp: 1116244
Ion Ratio Lower Upper
114 100
63 19.4 0.0 40.0
88 15.1 0.0 29.2

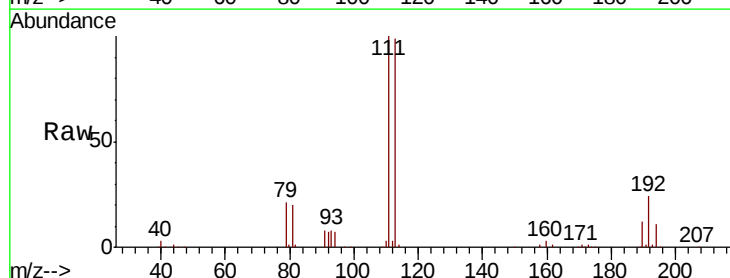


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VDC
Ion 87.90 (87.60 to 88.60): VDC

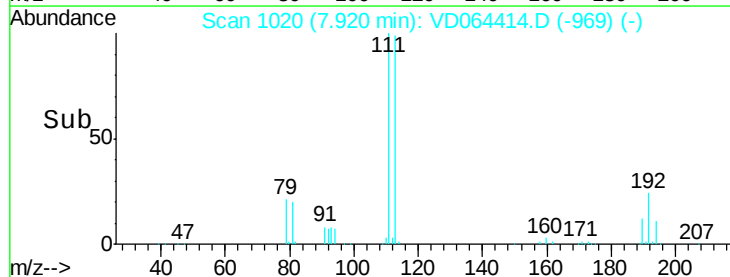
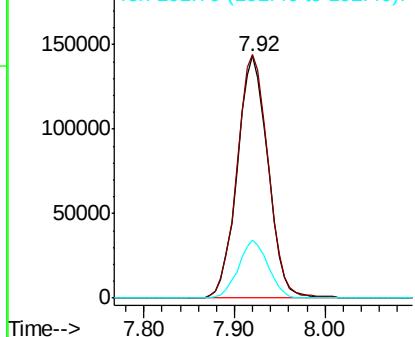


#35
Dibromofluoromethane
Concen: 48.044 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VD064414.D
Acq: 04 Dec 2019 13:55

Tgt Ion:113 Resp: 337887
Ion Ratio Lower Upper
113 100
111 102.1 79.4 119.2
192 23.2 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

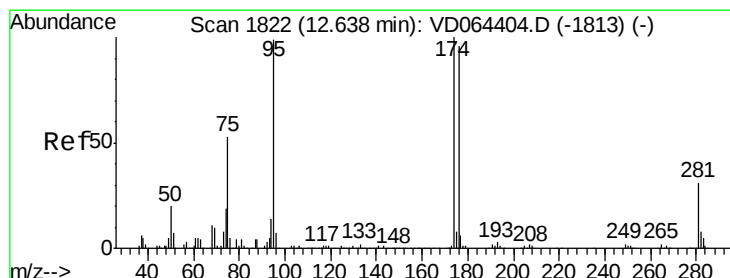
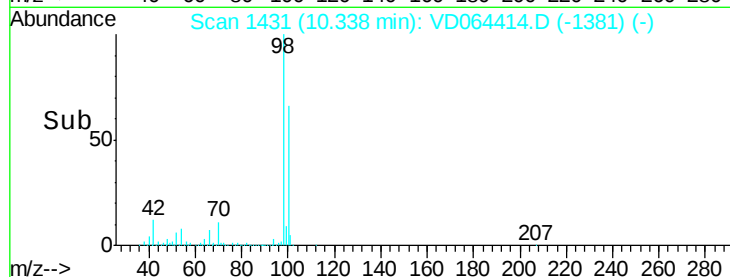
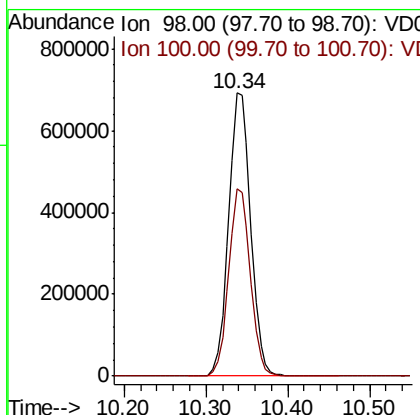
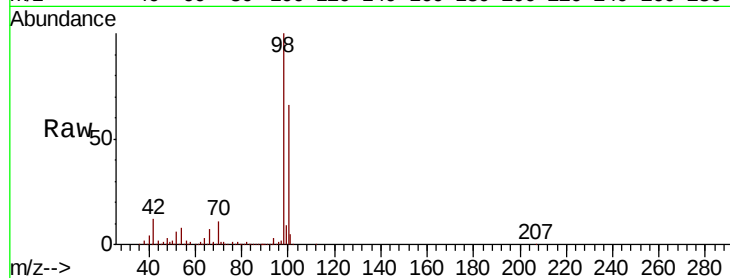




#50
Toluene-d8
Concen: 49.039 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD064414.D
Acq: 04 Dec 2019 13:55

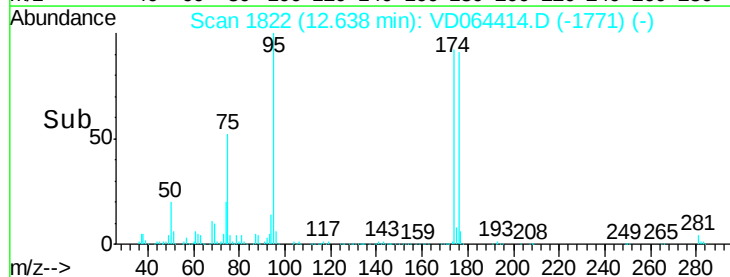
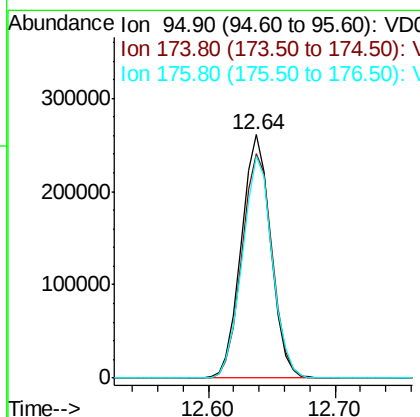
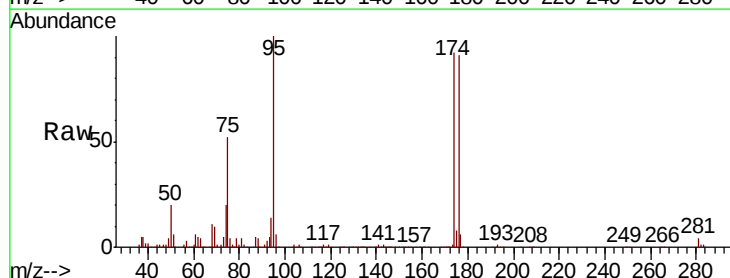
Instrument :
MSVOA_D
ClientSampleId :
SB-3-(0-2)

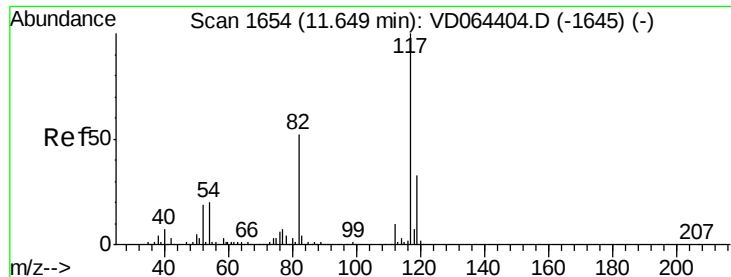
Tot Ion: 98 Resp: 1299142
Ion Ratio Lower Upper
98 100
100 64.7 52.6 79.0



#62
4-Bromofluorobenzene
Concen: 49.578 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. -0.00 min
Lab File: VD064414.D
Acq: 04 Dec 2019 13:55

Tgt Ion: 95 Resp: 422096
Ion Ratio Lower Upper
95 100
174 95.0 0.0 197.2
176 92.5 0.0 189.6

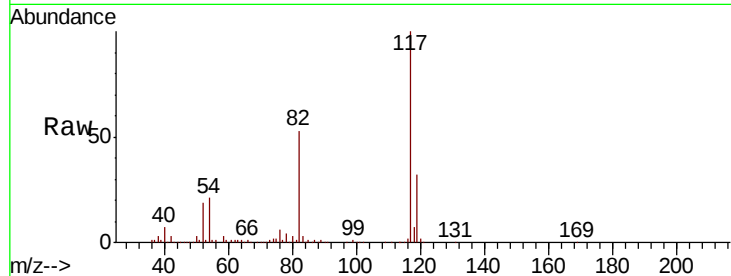




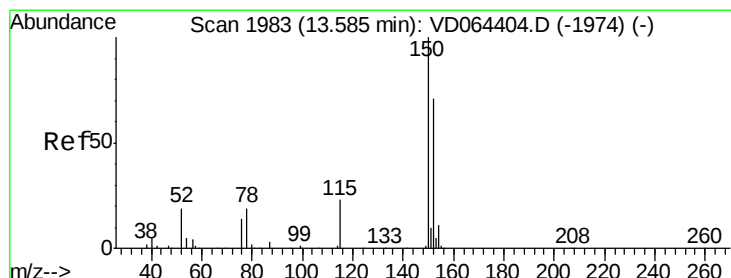
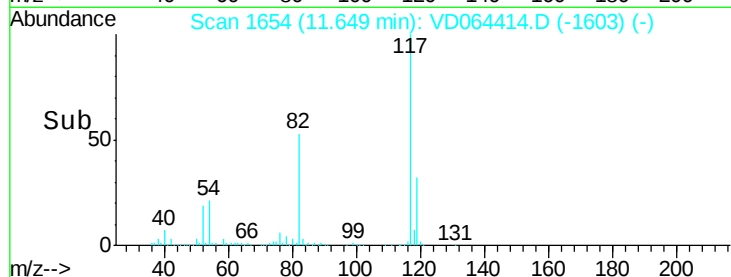
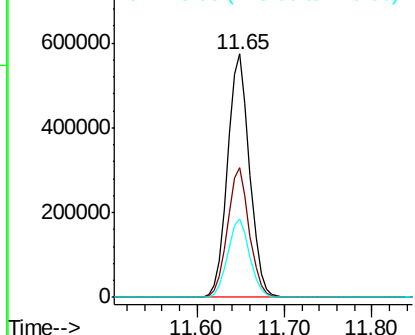
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD064414.D
Acq: 04 Dec 2019 13:55

Instrument :
MSVOA_D
ClientSampleId :
SB-3-(0-2)

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.4	41.4	62.2
119	32.1	26.2	39.2

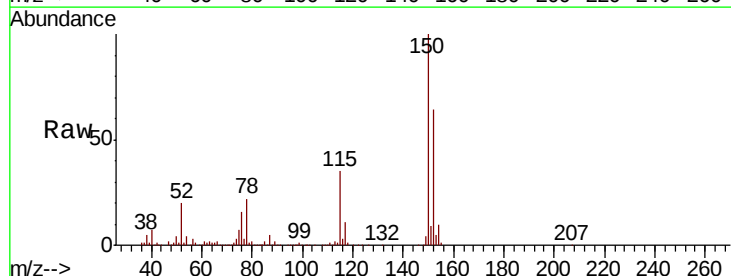


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. -0.00 min
Lab File: VD064414.D
Acq: 04 Dec 2019 13:55

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.7	26.7	80.1
150	157.8	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

