

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010320\
 Data File : VD064743.D
 Acq On : 03 Jan 2020 19:27
 Operator : VA/SY
 Sample : K6471-09
 Misc : 6.97G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MC-123019-0-1-GRAB-B2

Quant Time: Jan 06 07:35:42 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	7.98	168	476141	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	739015	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	657205	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	298621	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.34	65	223895	53.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.66%	
35) Dibromofluoromethane	7.92	113	226585	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
50) Toluene-d8	10.34	98	888053	51.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.28%	
62) 4-Bromofluorobenzene	12.64	95	264543	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	

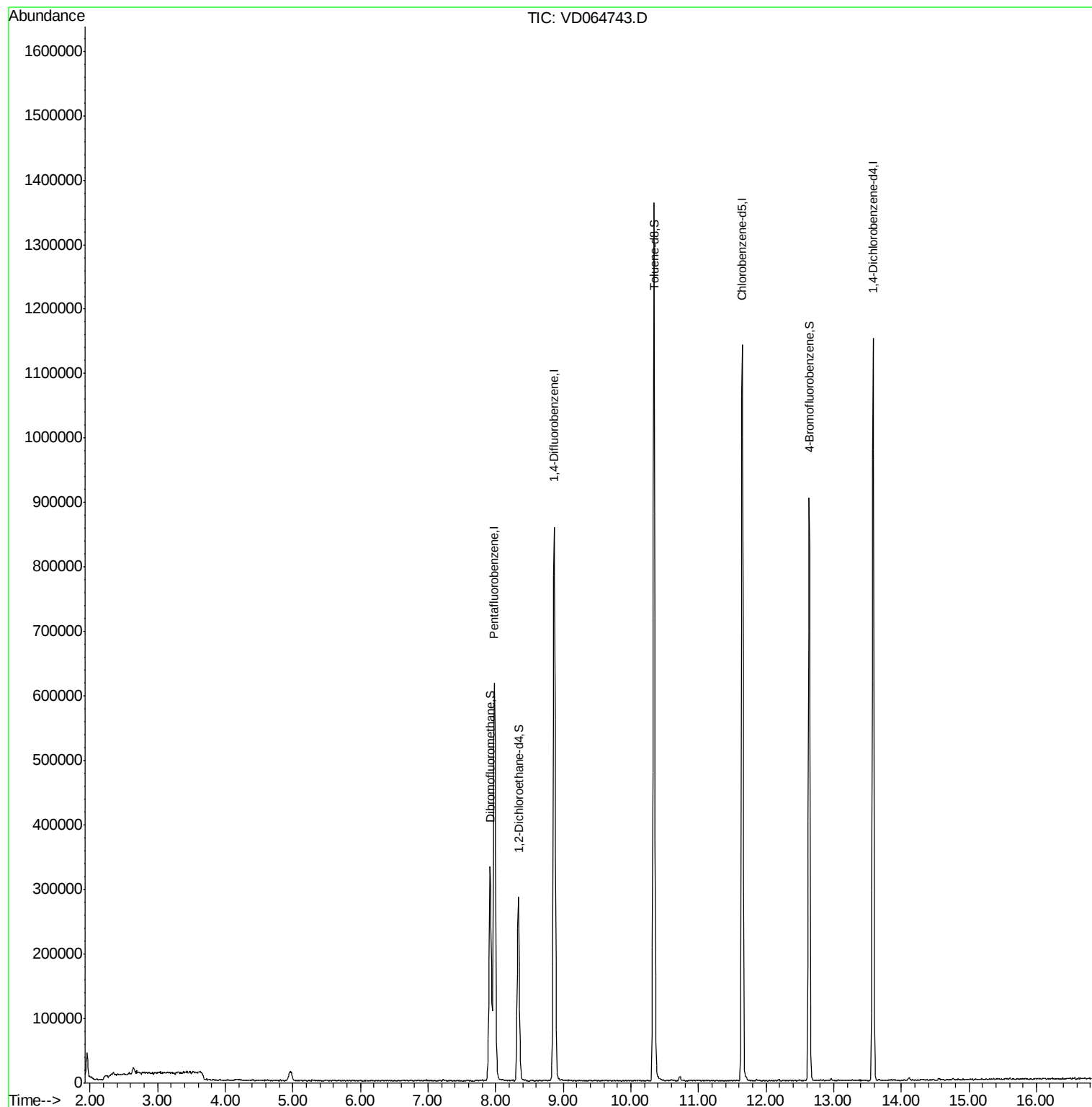
Target Compounds	Qvalue

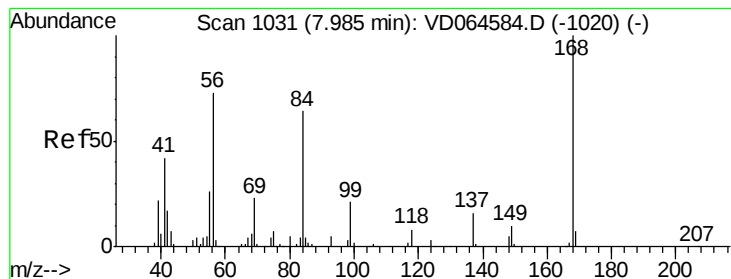
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VD064743.D

Acq: 03 Jan 2020 19:27

Instrument :

MSVOA_D

ClientSampleId :

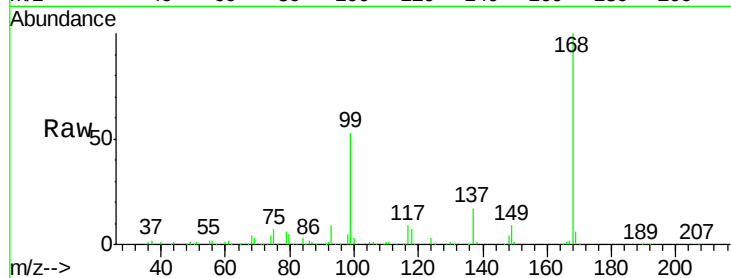
MC-123019-0-1-GRAB-B2

Tgt Ion: 168 Resp: 476141

Ion Ratio Lower Upper

168 100

99 52.9 41.8 62.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

250000

200000

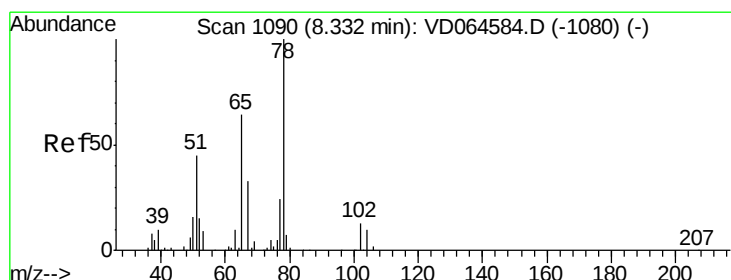
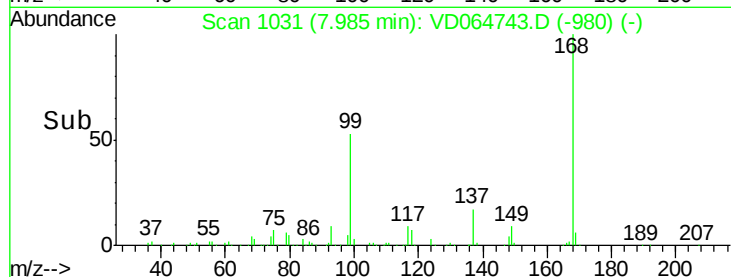
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.327 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064743.D

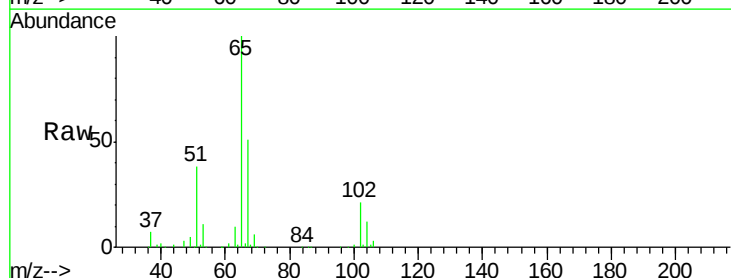
Acq: 03 Jan 2020 19:27

Tgt Ion: 65 Resp: 223895

Ion Ratio Lower Upper

65 100

67 51.9 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.34

120000

100000

80000

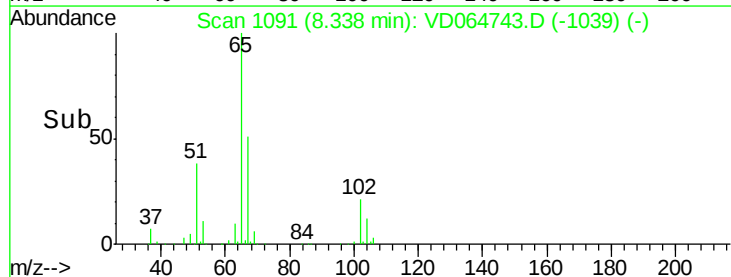
60000

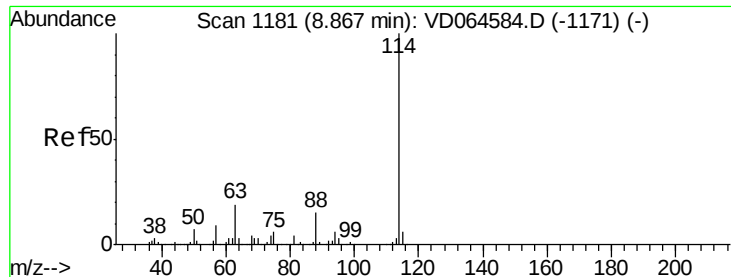
40000

20000

0

Time-->

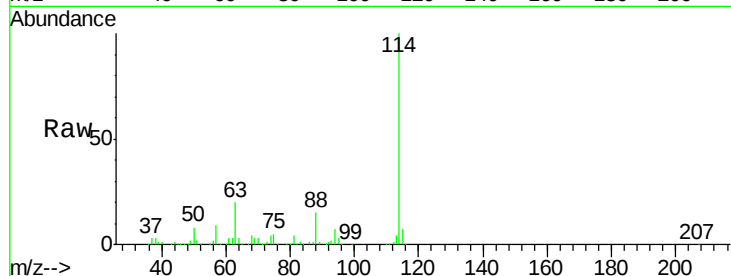




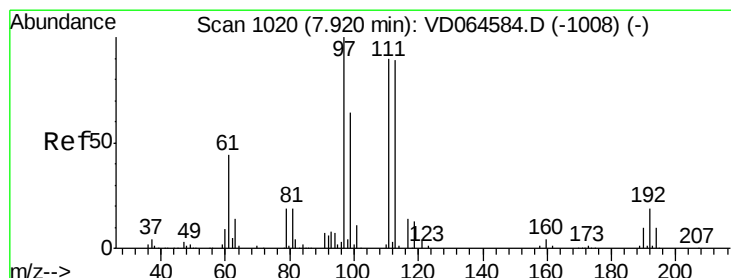
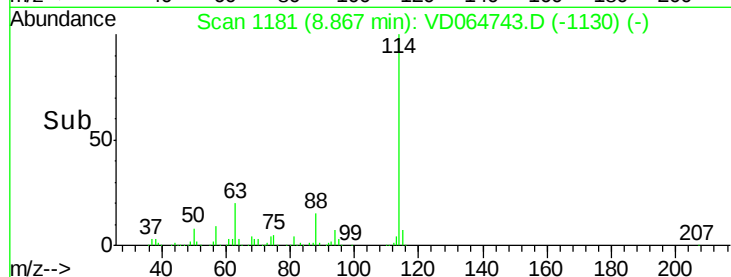
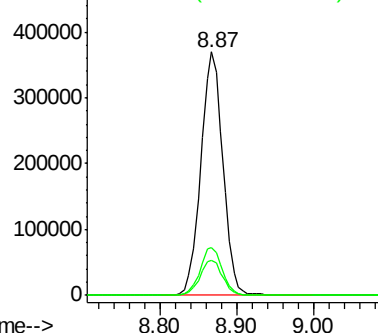
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064743.D
 Acq: 03 Jan 2020 19:27

Instrument :
 MSVOA_D
 ClientSampleId :
 MC-123019-0-1-GRAB-B2

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	38.0
88	14.6	0.0	29.2

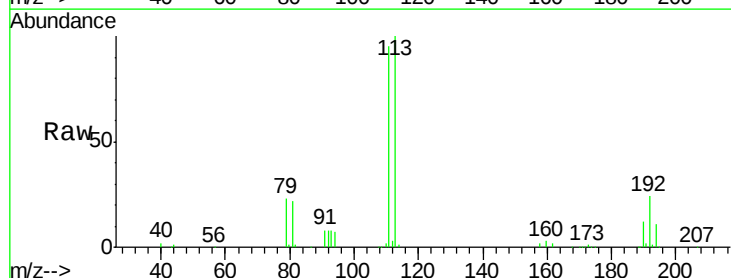


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

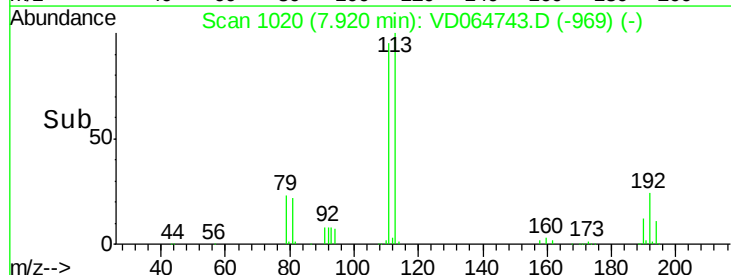
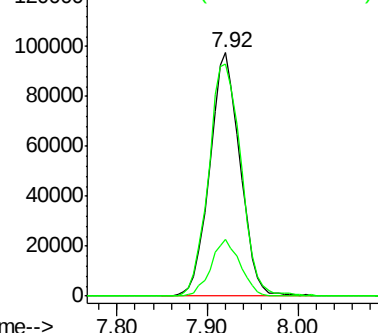


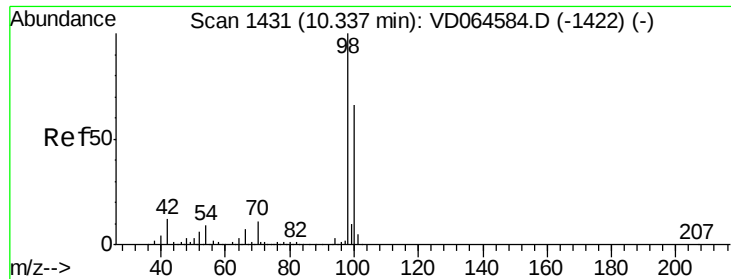
#35
 Dibromofluoromethane
 Concen: 49.975 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064743.D
 Acq: 03 Jan 2020 19:27

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.7	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

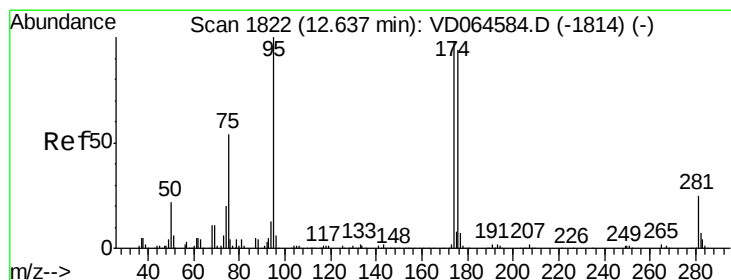
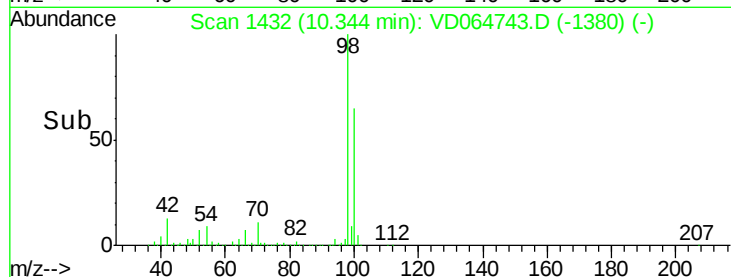
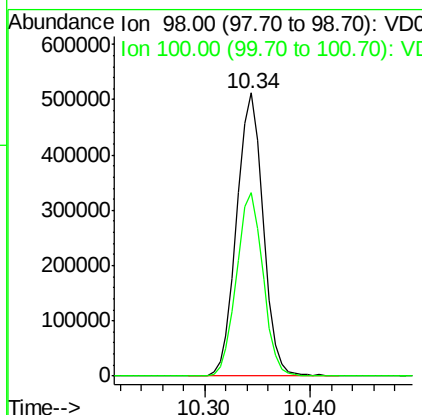
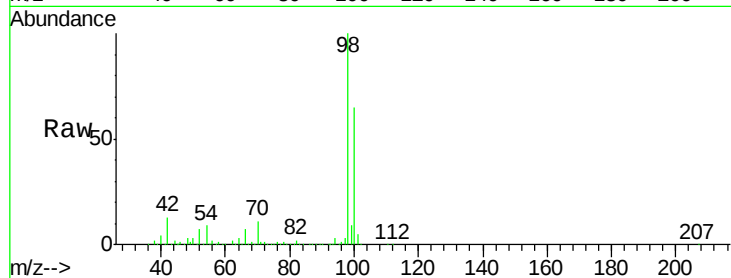




#50
Toluene-d8
Concen: 51.141 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.01 min
Lab File: VD064743.D
Acq: 03 Jan 2020 19:27

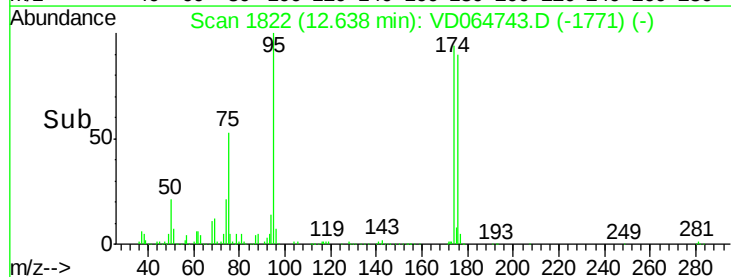
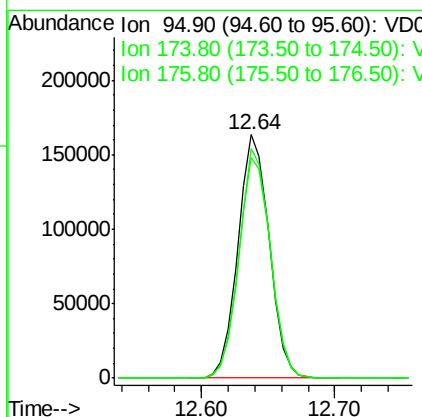
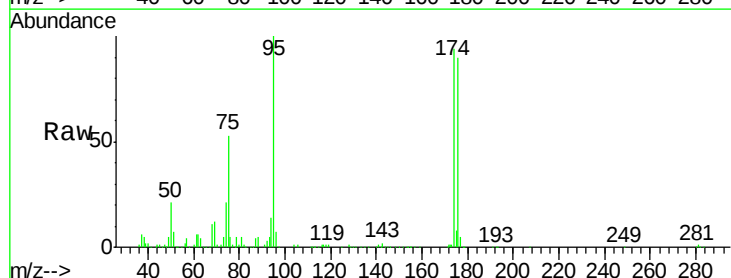
Instrument :
MSVOA_D
ClientSampleId :
MC-123019-0-1-GRAB-B2

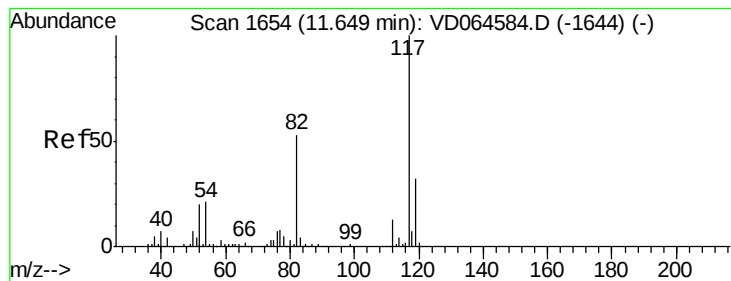
Tgt Ion: 98 Resp: 888053
Ion Ratio Lower Upper
98 100
100 65.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 48.179 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064743.D
Acq: 03 Jan 2020 19:27

Tgt Ion: 95 Resp: 264543
Ion Ratio Lower Upper
95 100
174 94.2 0.0 193.2
176 92.1 0.0 184.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.65 min Scan# 1654

Delta R.T. 0.00 min

Lab File: VD064743.D

Acq: 03 Jan 2020 19:27

Instrument :

MSVOA_D

ClientSampleId :

MC-123019-0-1-GRAB-B2

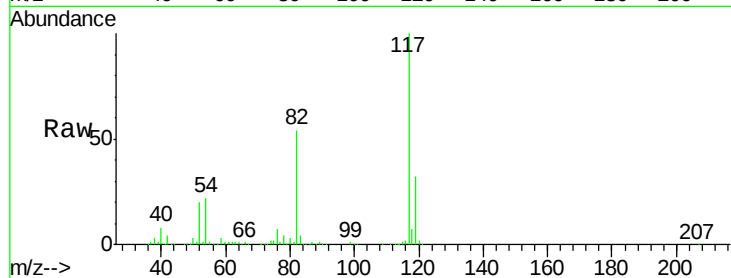
Tgt Ion:117 Resp: 657205

Ion Ratio Lower Upper

117 100

82 53.6 42.2 63.4

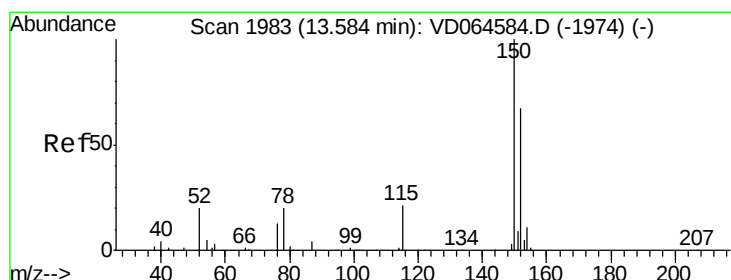
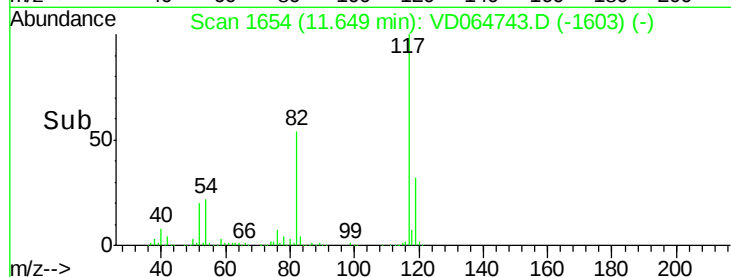
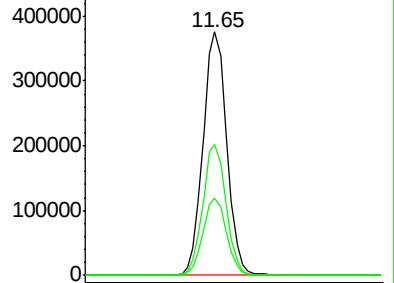
119 31.9 26.0 39.0



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: VD064743.D

Acq: 03 Jan 2020 19:27

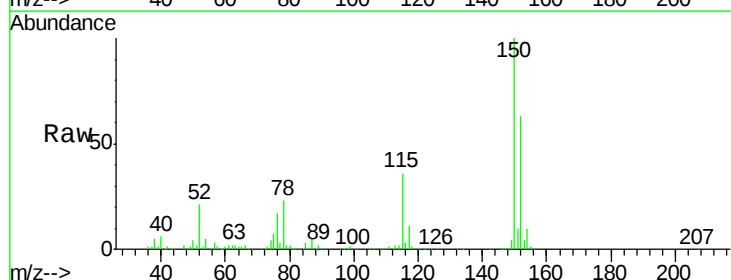
Tgt Ion:152 Resp: 298621

Ion Ratio Lower Upper

152 100

115 55.4 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

