

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010320\
 Data File : VD064744.D
 Acq On : 03 Jan 2020 19:56
 Operator : VA/SY
 Sample : K6471-11
 Misc : 6.20G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MC-123019-4-5-GRAB-B2

Quant Time: Jan 06 07:37:08 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	494119	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	760576	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	669217	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	305281	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.34	65	233044	53.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.98%	
35) Dibromofluoromethane	7.92	113	234403	50.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.46%	
50) Toluene-d8	10.34	98	910101	50.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.86%	
62) 4-Bromofluorobenzene	12.64	95	274312	48.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.08%	

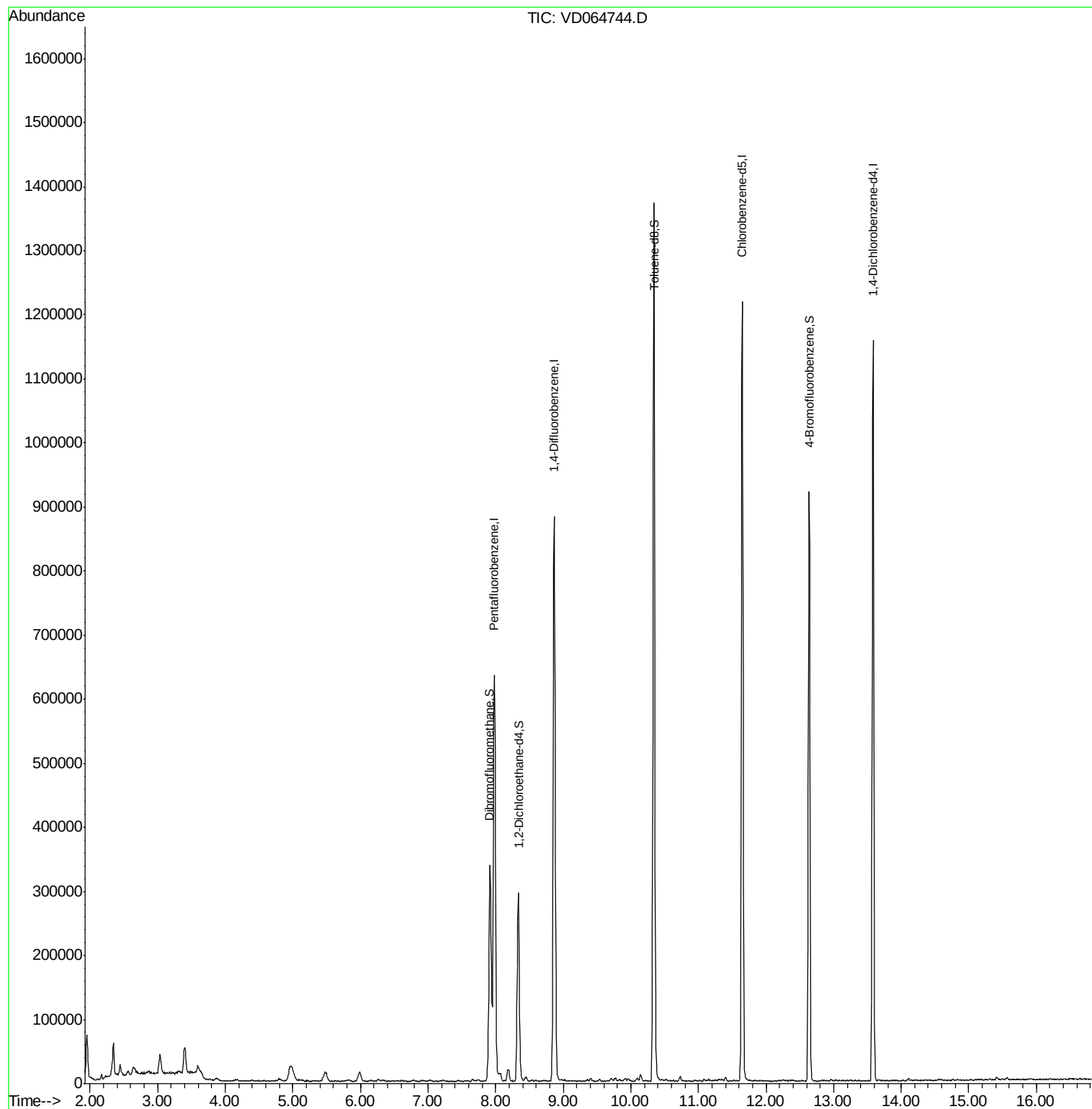
Target Compounds	Qvalue
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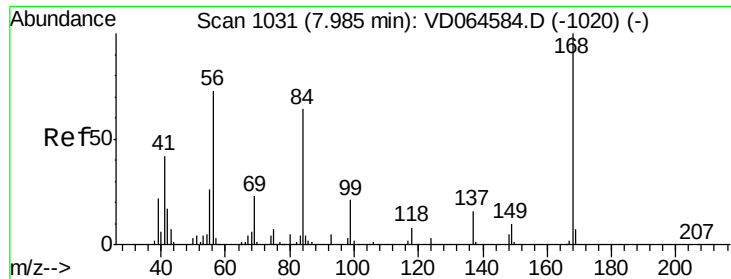
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD064744.D

Acq: 03 Jan 2020 19:56

Instrument :

MSVOA_D

ClientSampleId :

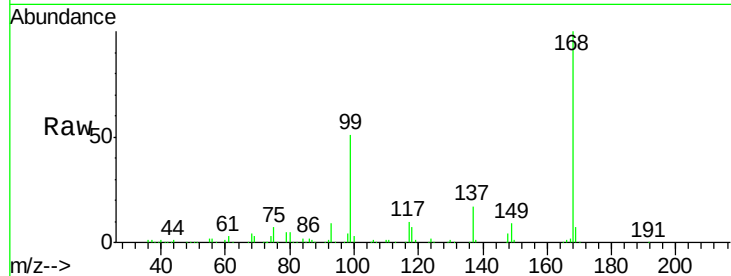
MC-123019-4-5-GRAB-B2

Tgt Ion:168 Resp: 494119

Ion Ratio Lower Upper

168 100

99 50.7 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

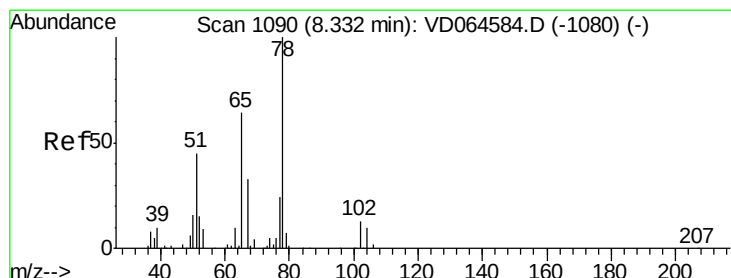
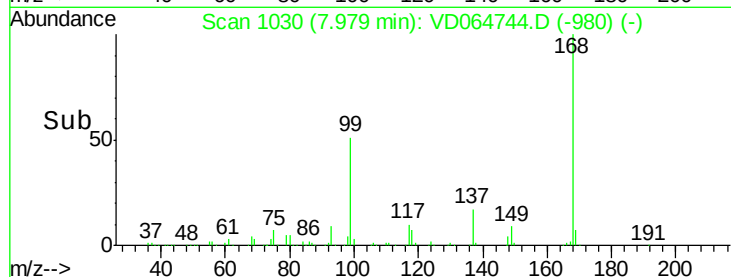
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 53.486 ug/l

RT: 8.34 min Scan# 1091

Delta R.T. 0.01 min

Lab File: VD064744.D

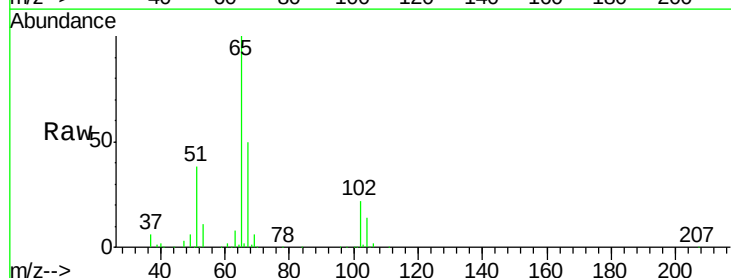
Acq: 03 Jan 2020 19:56

Tgt Ion: 65 Resp: 233044

Ion Ratio Lower Upper

65 100

67 51.3 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

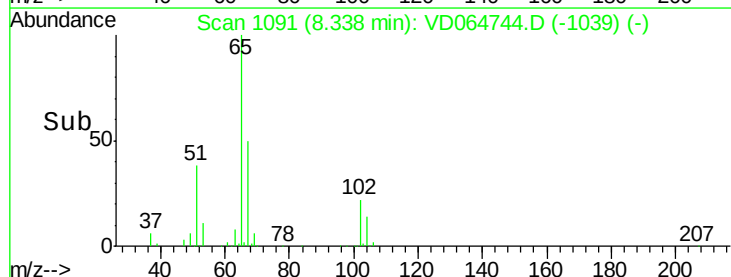
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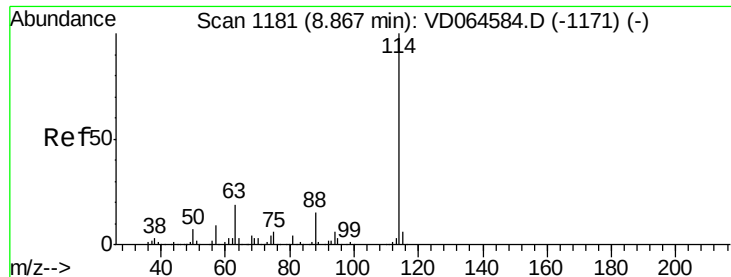
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20000

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Time-->

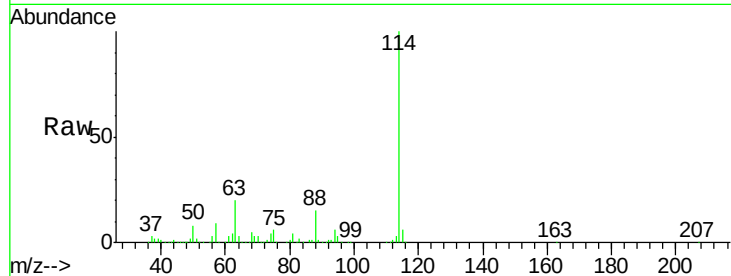




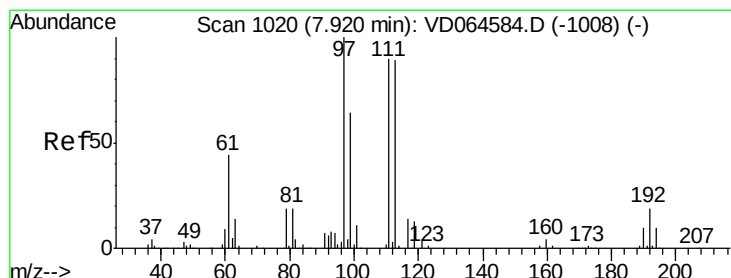
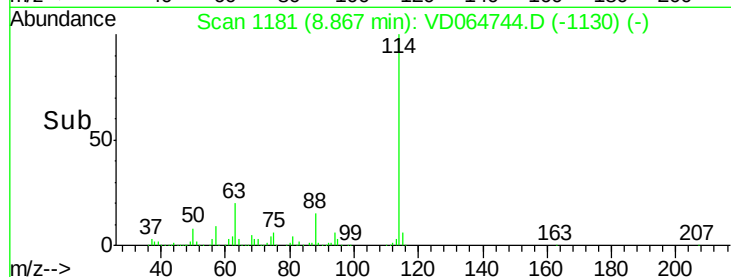
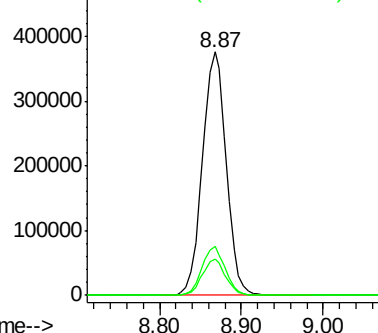
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064744.D
 Acq: 03 Jan 2020 19:56

Instrument :
 MSVOA_D
 ClientSampleId :
 MC-123019-4-5-GRAB-B2

Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.9	0.0	38.0
88	14.8	0.0	29.2

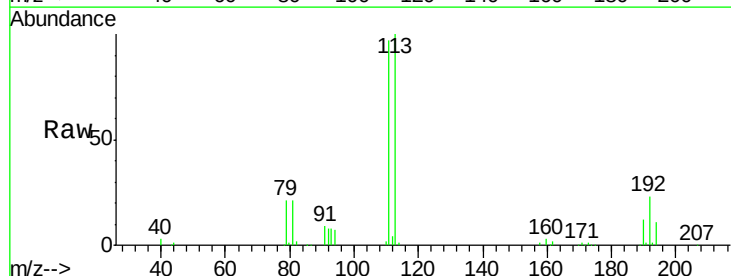


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

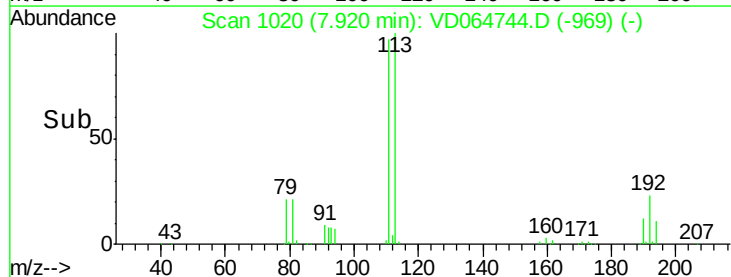
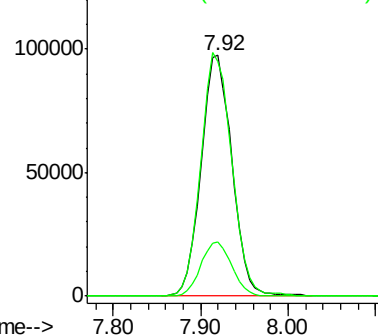


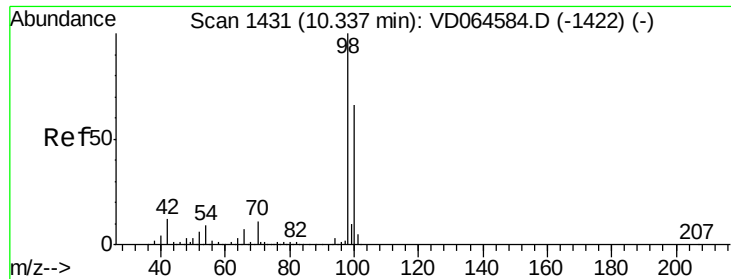
#35
 Dibromofluoromethane
 Concen: 50.234 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064744.D
 Acq: 03 Jan 2020 19:56

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.5	80.6	121.0
192	22.6	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: 50.925 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064744.D

Acq: 03 Jan 2020 19:56

Instrument :

MSVOA_D

ClientSampleId :

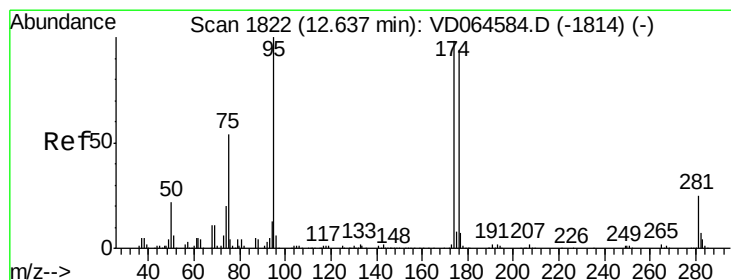
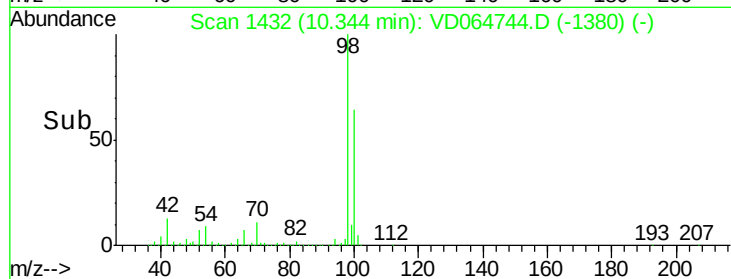
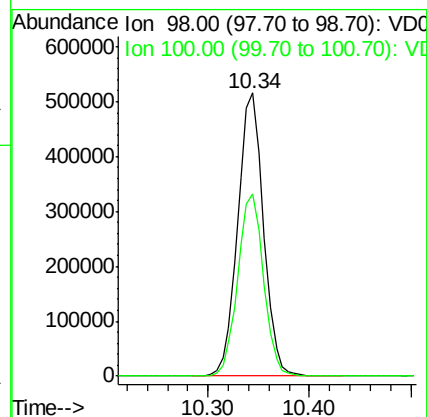
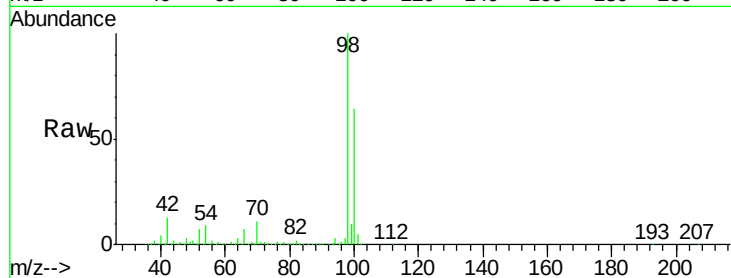
MC-123019-4-5-GRAB-B2

Tgt Ion: 98 Resp: 910101

Ion Ratio Lower Upper

98 100

100 64.5 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 48.541 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064744.D

Acq: 03 Jan 2020 19:56

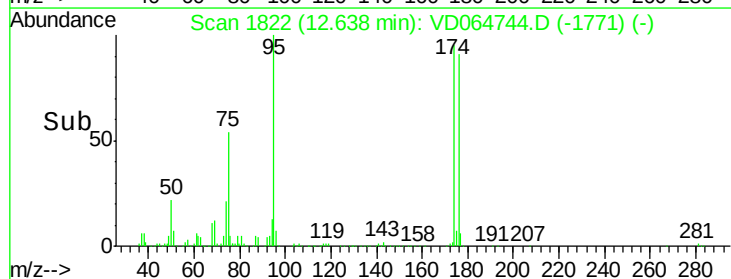
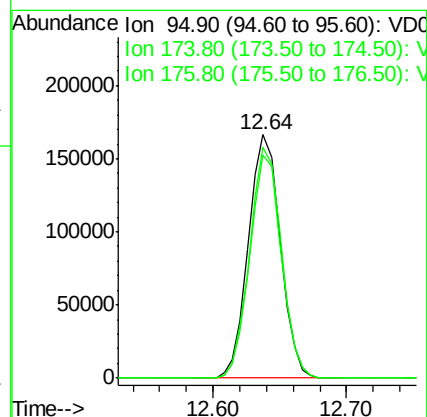
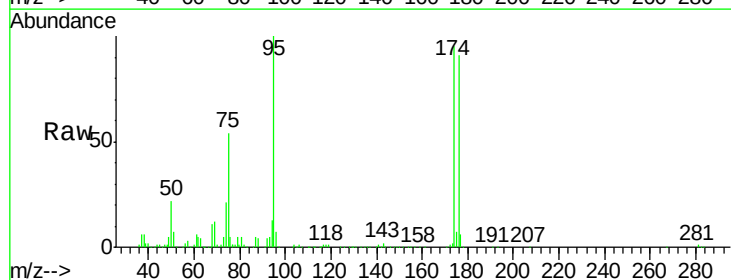
Tgt Ion: 95 Resp: 274312

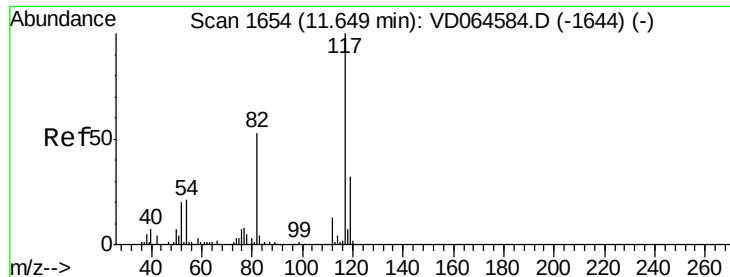
Ion Ratio Lower Upper

95 100

174 94.3 0.0 193.2

176 90.6 0.0 184.2

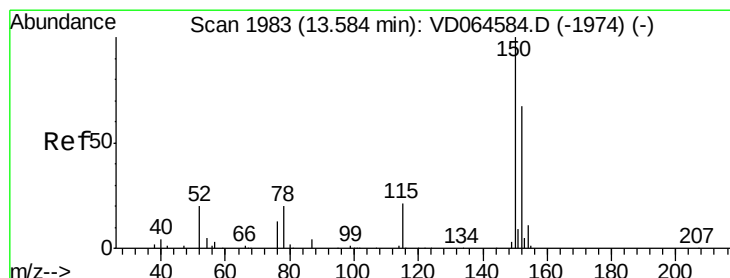
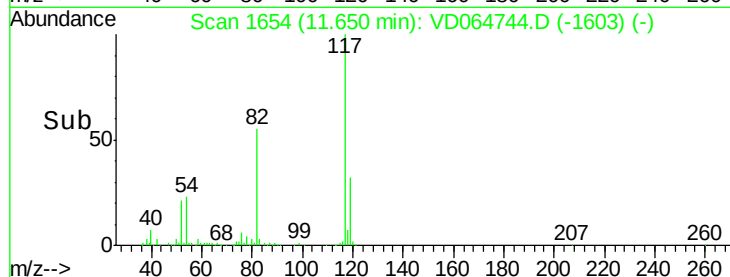
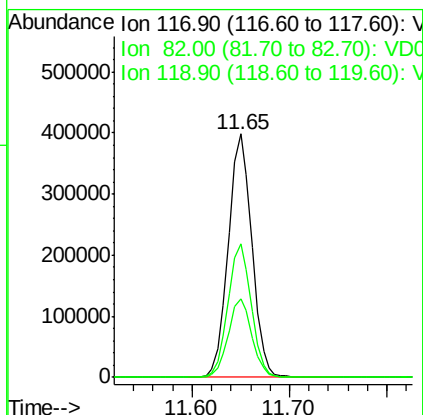
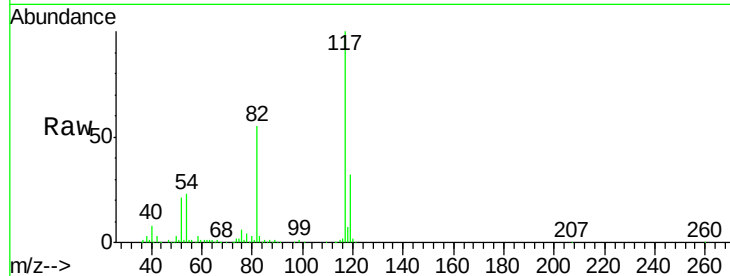




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064744.D
Acq: 03 Jan 2020 19:56

Instrument :
MSVOA_D
ClientSampleId :
MC-123019-4-5-GRAB-B2

Tgt Ion:117 Resp: 669217
Ion Ratio Lower Upper
117 100
82 54.8 42.2 63.4
119 32.0 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1983
Delta R.T. 0.00 min
Lab File: VD064744.D
Acq: 03 Jan 2020 19:56

Tgt Ion:152 Resp: 305281
Ion Ratio Lower Upper
152 100
115 55.7 27.8 83.4
150 156.5 0.0 351.4

