

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD010320\
 Data File : VD064742.D
 Acq On : 03 Jan 2020 18:58
 Operator : VA/SY
 Sample : K6471-07
 Misc : 6.52G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MC-123019-4-5-GRAB-B8

Quant Time: Jan 06 07:33:24 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	289115	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	463085	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	425606	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	199319	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	172245	67.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	135.12%	
35) Dibromofluoromethane	7.92	113	157885	55.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.14%	
50) Toluene-d8	10.34	98	556278	51.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.24%	
62) 4-Bromofluorobenzene	12.64	95	173347	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	

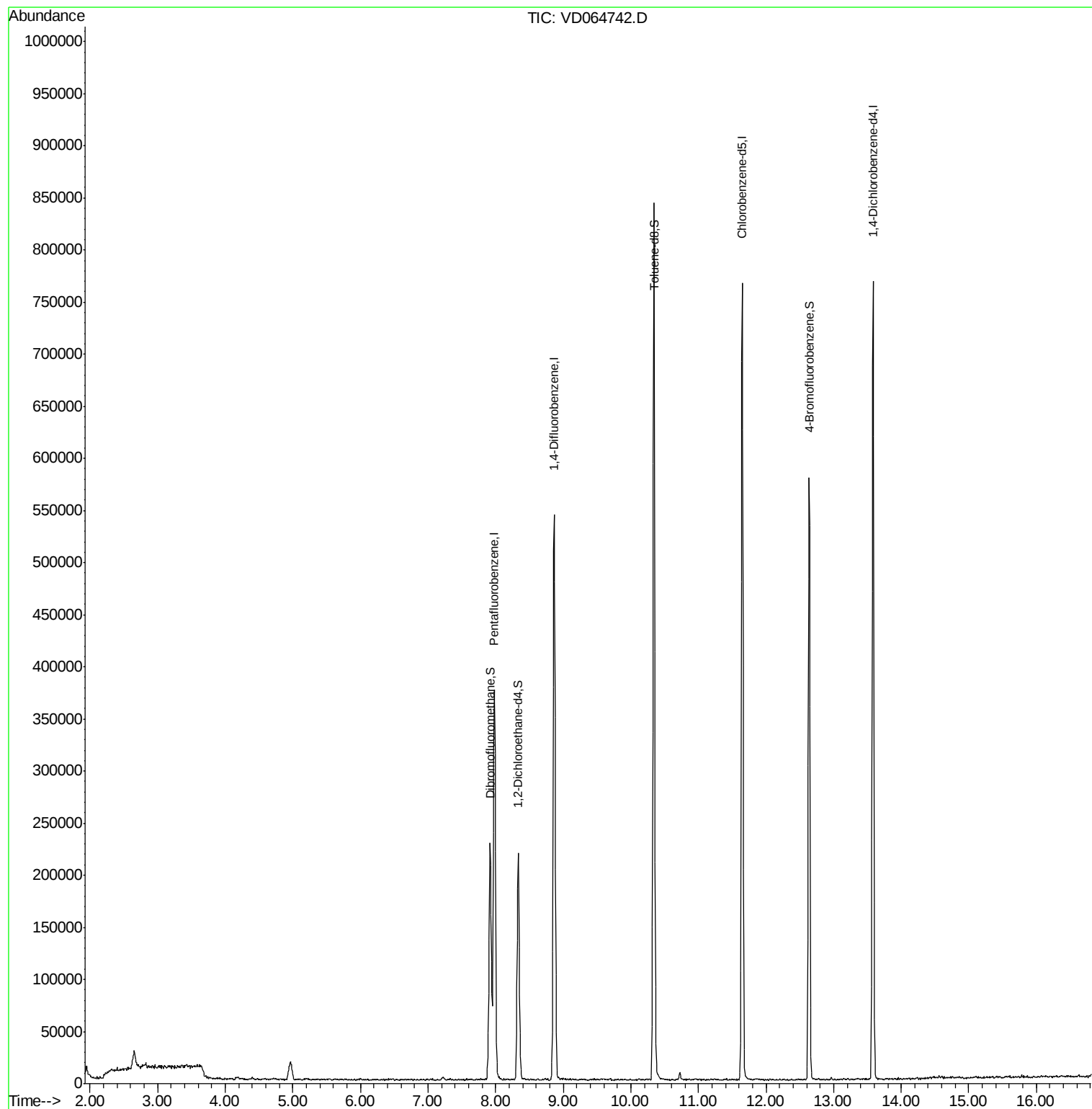
Target Compounds	Qvalue
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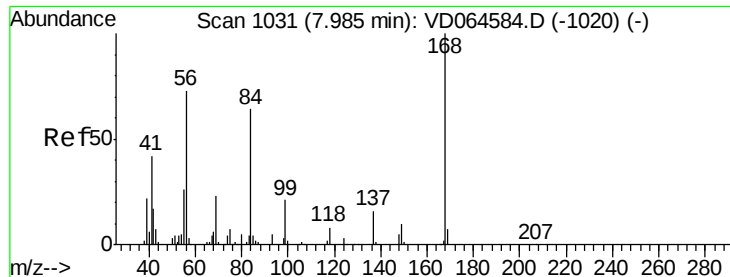
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 24 13:19:06 2019
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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: VD064742.D

Acq: 03 Jan 2020 18:58

Instrument :

MSVOA_D

ClientSampleId :

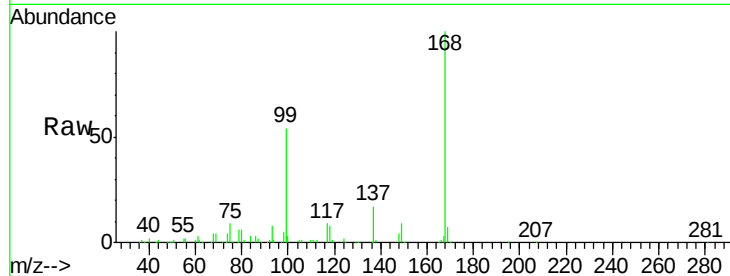
MC-123019-4-5-GRAB-B8

Tgt Ion:168 Resp: 289115

Ion Ratio Lower Upper

168 100

99 53.9 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

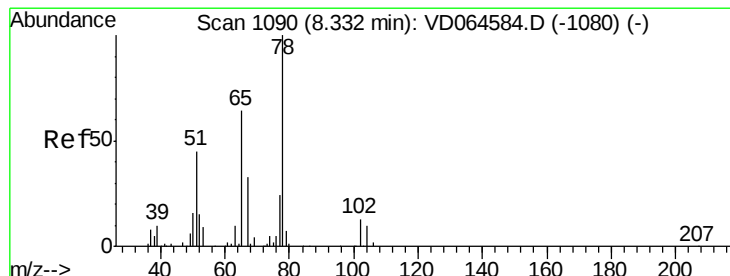
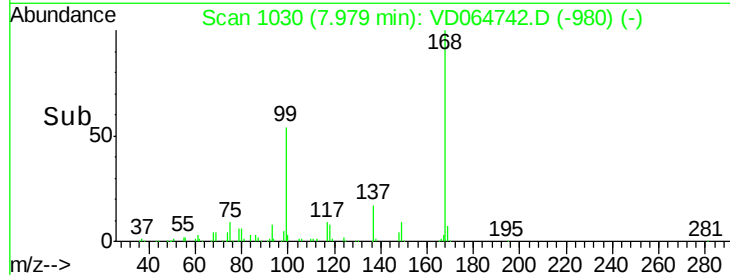
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 67.563 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD064742.D

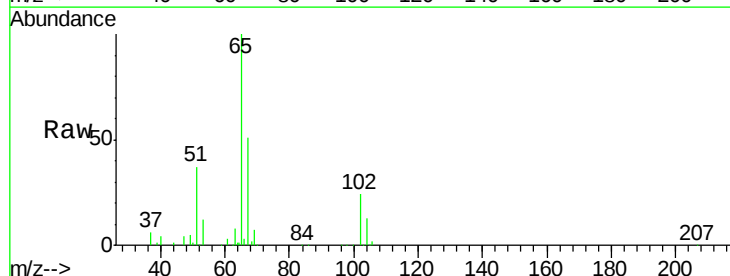
Acq: 03 Jan 2020 18:58

Tgt Ion: 65 Resp: 172245

Ion Ratio Lower Upper

65 100

67 51.0 0.0 106.2



Abundance Ion 64.90 (64.60 to 65.60): VDC

Ion 66.90 (66.60 to 67.60): VDC

8.33

80000

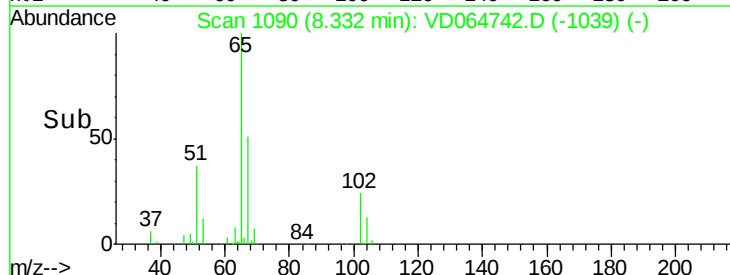
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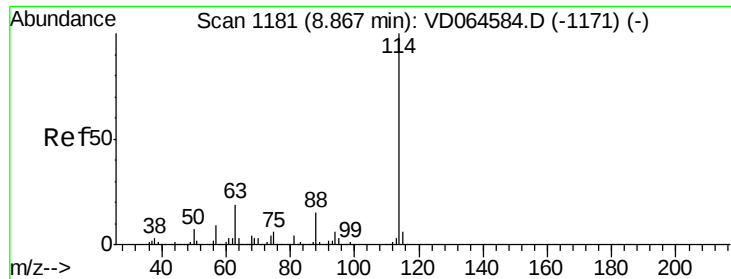
40000

20000

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Time-->

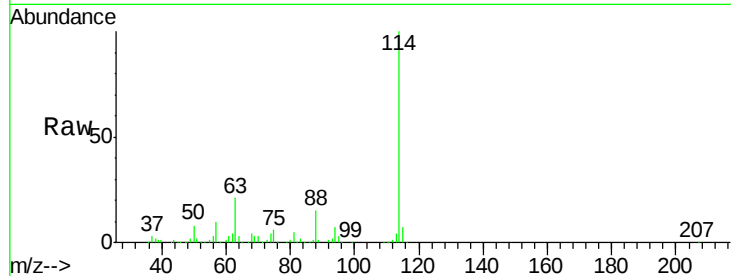




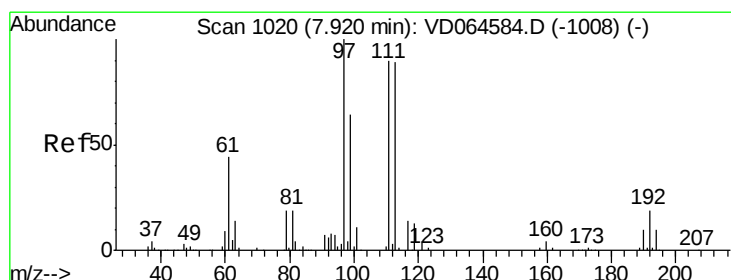
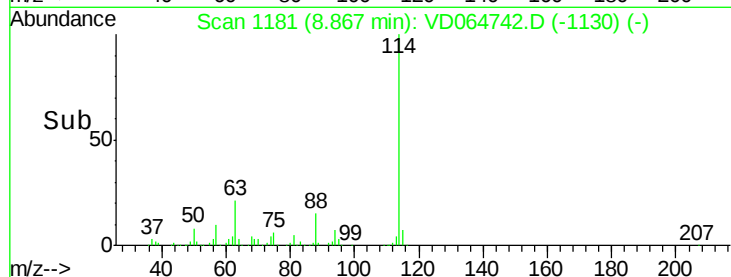
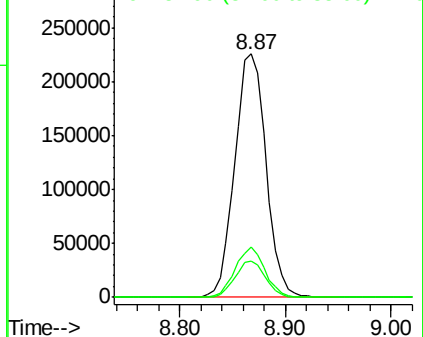
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD064742.D
 Acq: 03 Jan 2020 18:58

Instrument :
 MSVOA_D
 ClientSampleId :
 MC-123019-4-5-GRAB-B8

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	38.0
88	14.9	0.0	29.2

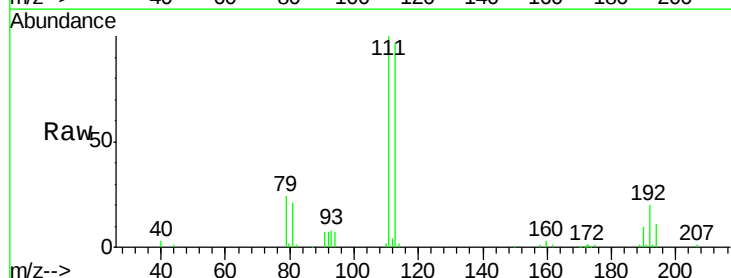


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

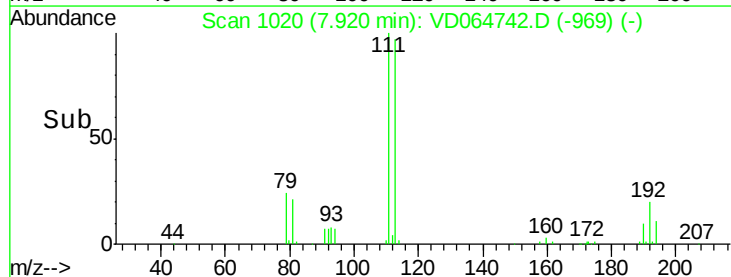
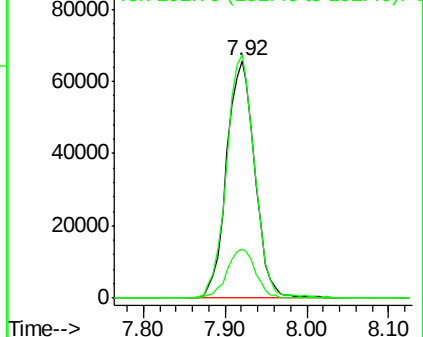


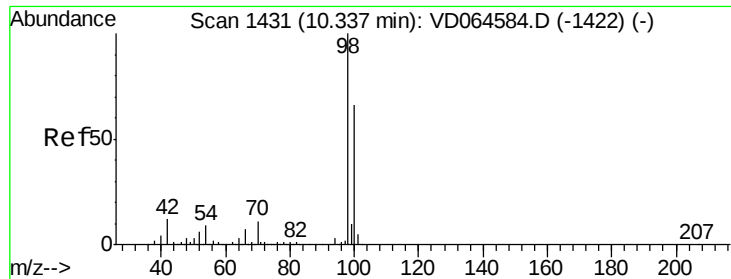
#35
 Dibromofluoromethane
 Concen: 55.572 ug/l
 RT: 7.92 min Scan# 1020
 Delta R.T. 0.00 min
 Lab File: VD064742.D
 Acq: 03 Jan 2020 18:58

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.6	80.6	121.0
192	20.7	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: 51.123 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VD064742.D

Acq: 03 Jan 2020 18:58

Instrument :

MSVOA_D

ClientSampleId :

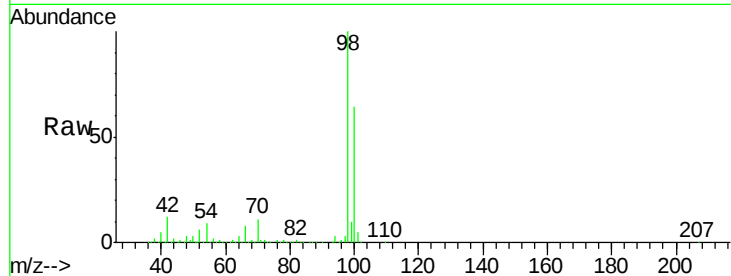
MC-123019-4-5-GRAB-B8

Tgt Ion: 98 Resp: 556278

Ion Ratio Lower Upper

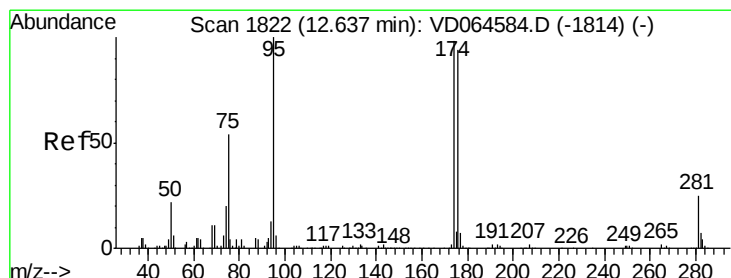
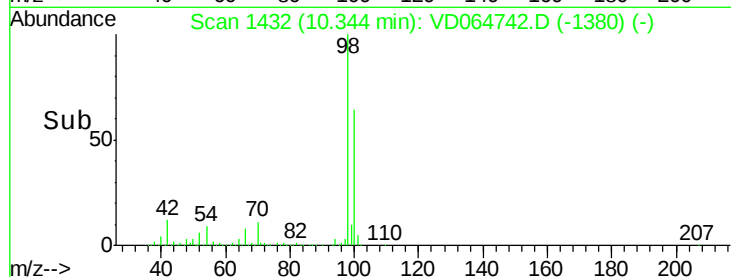
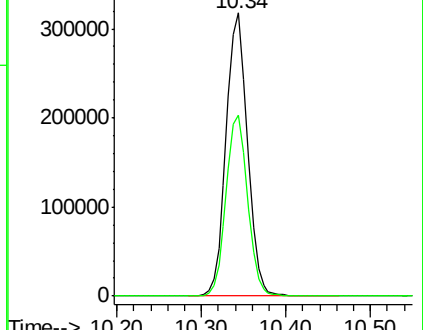
98 100

100 64.5 51.7 77.5



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

Ion 100.00 (99.70 to 100.70): VD064584.D (-1422) (-)



#62

4-Bromofluorobenzene

Concen: 50.381 ug/l

RT: 12.64 min Scan# 1822

Delta R.T. 0.00 min

Lab File: VD064742.D

Acq: 03 Jan 2020 18:58

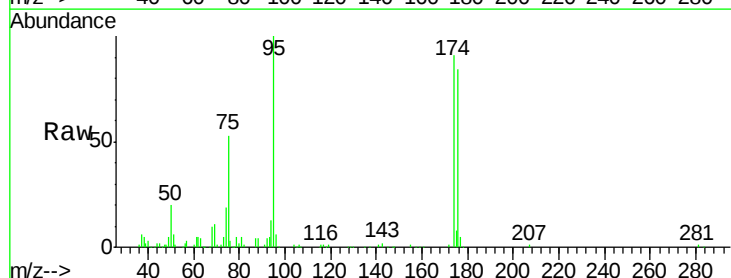
Tgt Ion: 95 Resp: 173347

Ion Ratio Lower Upper

95 100

174 96.0 0.0 193.2

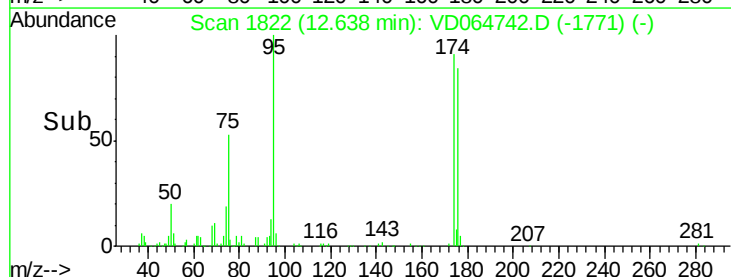
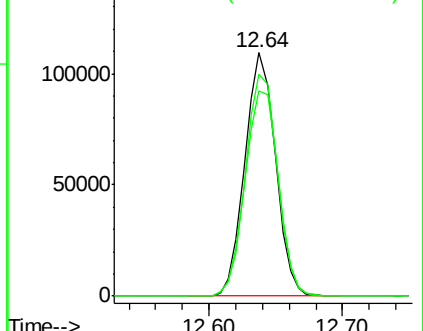
176 91.2 0.0 184.2

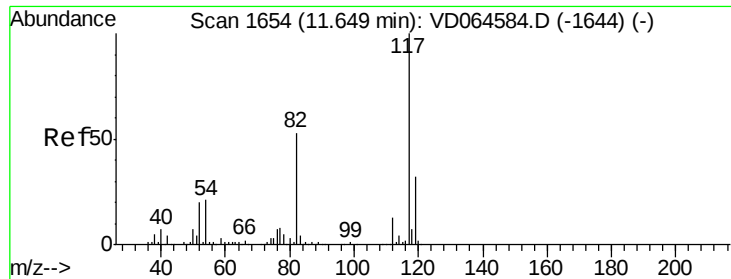


Abundance Ion 94.90 (94.60 to 95.60): VD064584.D (-1814) (-)

Ion 173.80 (173.50 to 174.50): VD064584.D (-1814) (-)

Ion 175.80 (175.50 to 176.50): VD064584.D (-1814) (-)

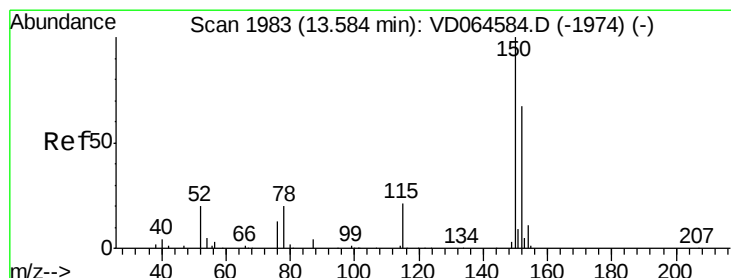
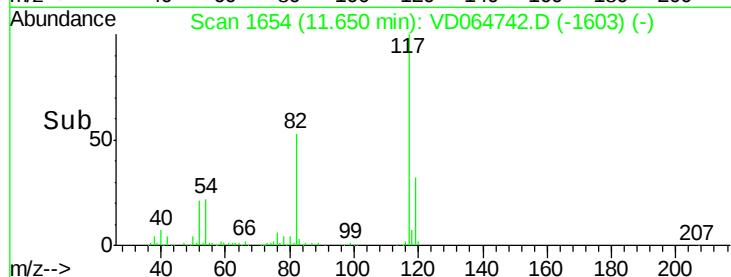
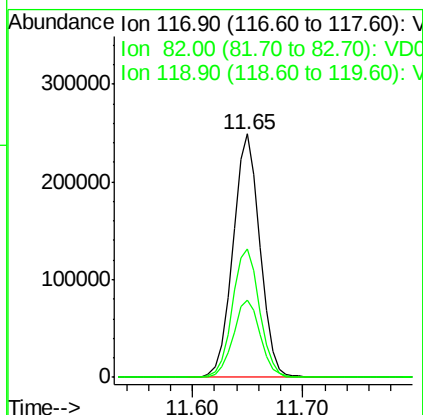
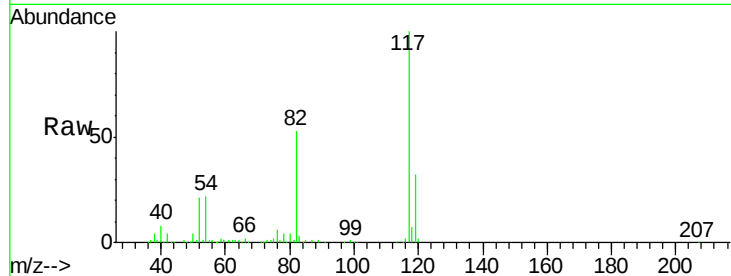




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064742.D
Acq: 03 Jan 2020 18:58

Instrument :
MSVOA_D
ClientSampleId :
MC-123019-4-5-GRAB-B8

Tgt Ion:117 Resp: 425606
Ion Ratio Lower Upper
117 100
82 52.8 42.2 63.4
119 31.9 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: VD064742.D
Acq: 03 Jan 2020 18:58

Tgt Ion:152 Resp: 199319
Ion Ratio Lower Upper
152 100
115 54.6 27.8 83.4
150 157.5 0.0 351.4

