

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD103019\
 Data File : VD064116.D
 Acq On : 30 Oct 2019 17:00
 Operator : VA/SY
 Sample : K5602-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20190938-COMPOSITE-A

Quant Time: Oct 31 04:29:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D102919S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 08:00:10 2019
 Response via : Initial Calibration

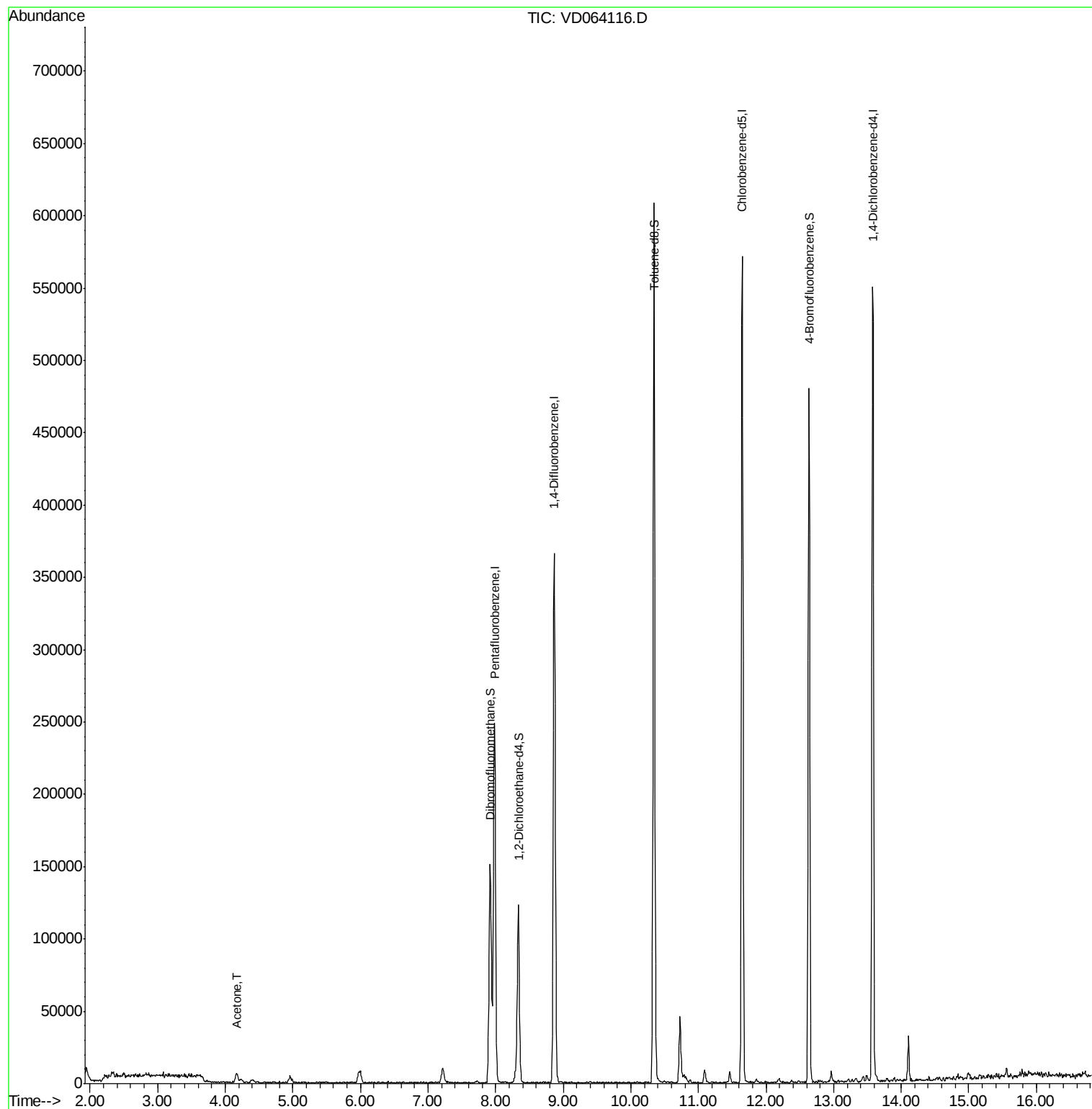
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	200018	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	341735	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	340966	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	152676	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	96857	60.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.78%	
35) Dibromofluoromethane	7.91	113	106707	50.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.50%	
50) Toluene-d8	10.34	98	418814	49.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.62%	
62) 4-Bromofluorobenzene	12.64	95	134360	48.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.40%	
Target Compounds						
16) Acetone	4.17	43	10929	36.108	ug/l	Qvalue 95

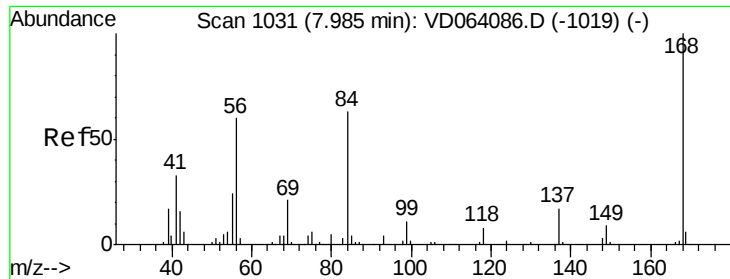
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

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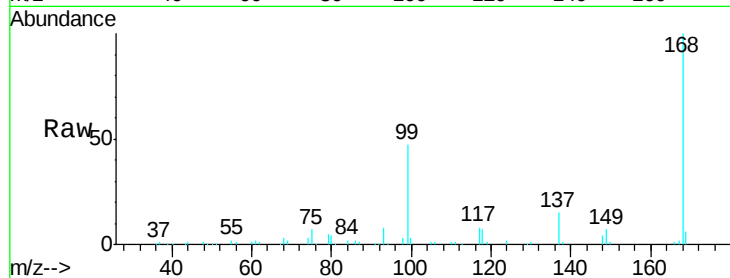
20190938-COMPOSITE-A

Tgt Ion:168 Resp: 200018

Ion Ratio Lower Upper

168 100

99 47.4 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

100000

80000

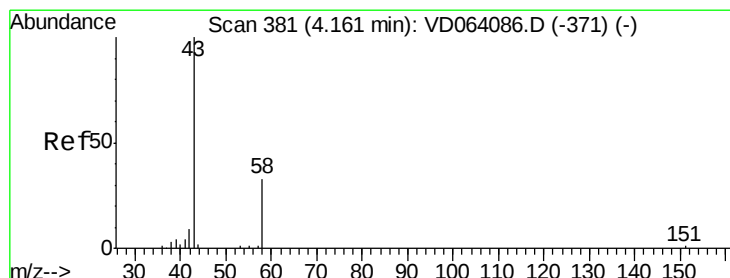
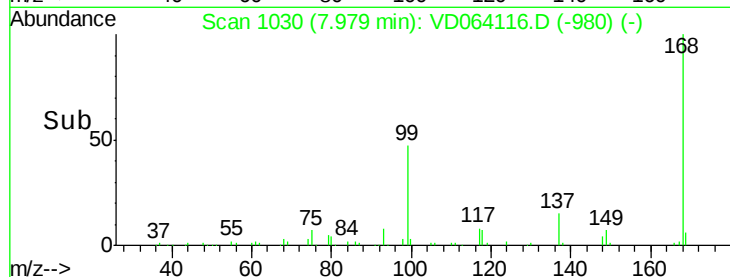
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 36.108 ug/l

RT: 4.17 min Scan# 383

Delta R.T. 0.01 min

Lab File: VD064116.D

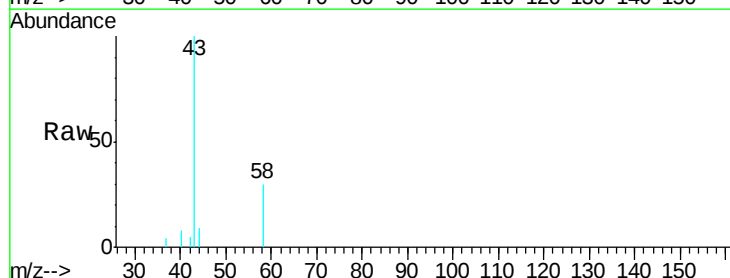
Acq: 30 Oct 2019 17:00

Tgt Ion: 43 Resp: 10929

Ion Ratio Lower Upper

43 100

58 30.3 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

4.17

5000

4000

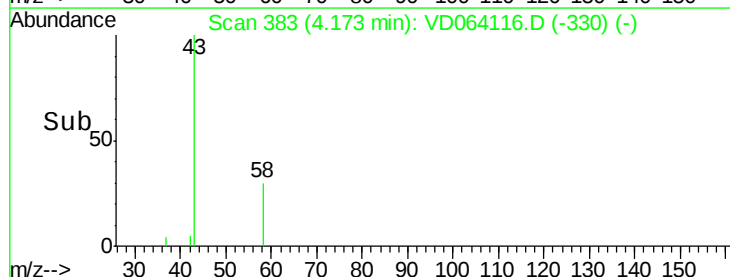
3000

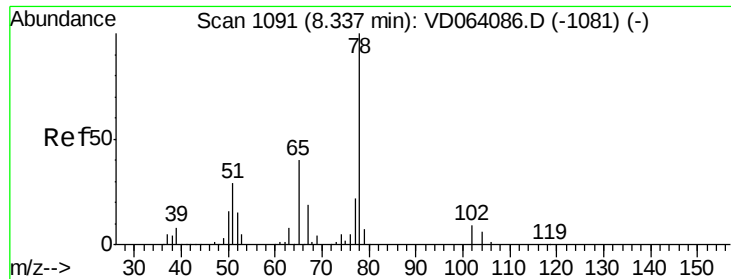
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 60.887 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064116.D

Acq: 30 Oct 2019 17:00

Instrument :

MSVOA_D

ClientSampleId :

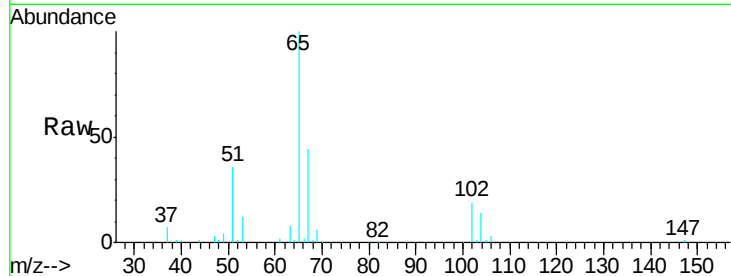
20190938-COMPOSITE-A

Tgt Ion: 65 Resp: 96857

Ion Ratio Lower Upper

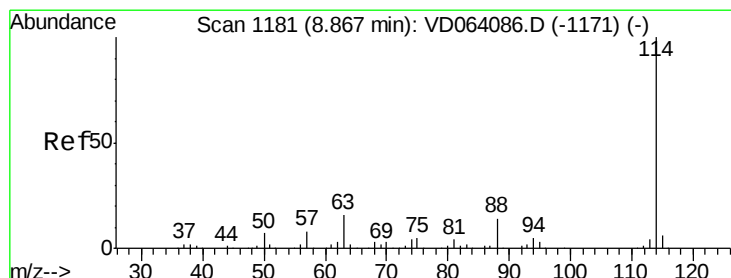
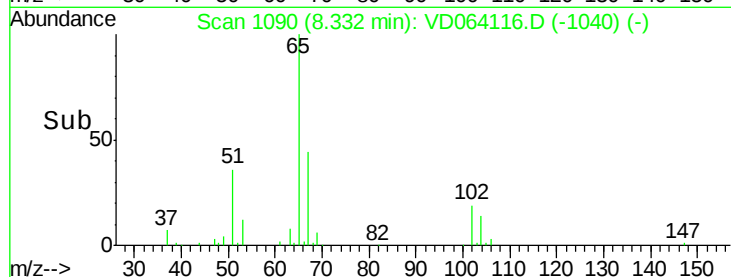
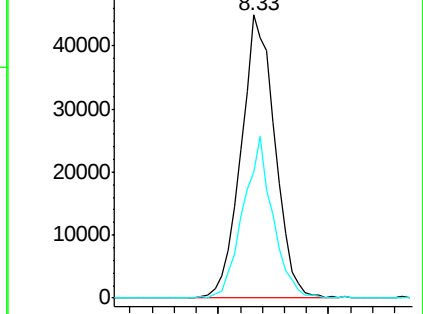
65 100

67 50.0 0.0 104.6



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: VD064116.D

Acq: 30 Oct 2019 17:00

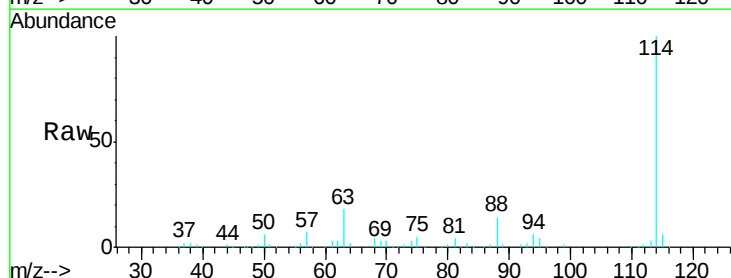
Tgt Ion: 114 Resp: 341735

Ion Ratio Lower Upper

114 100

63 18.4 0.0 32.8

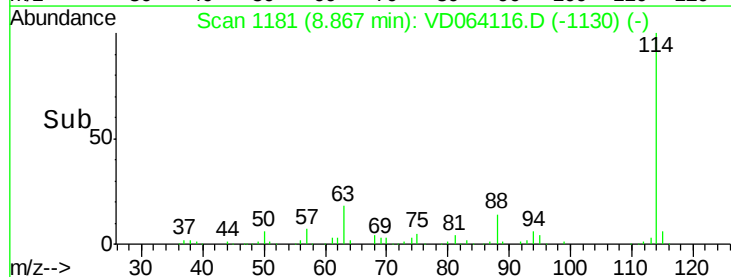
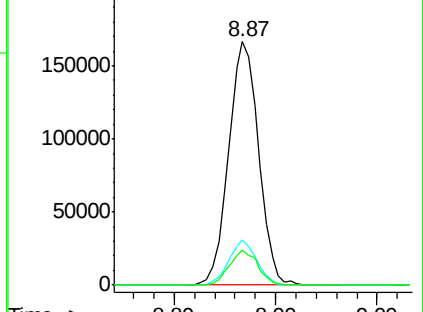
88 14.4 0.0 27.6

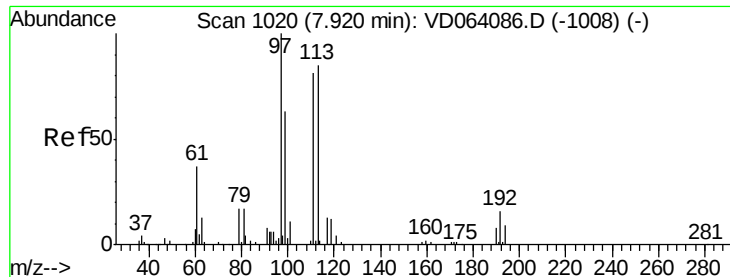


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC

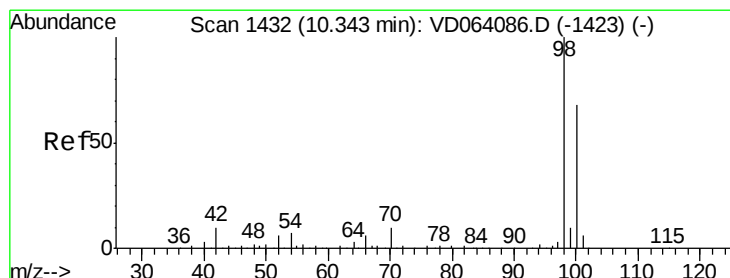
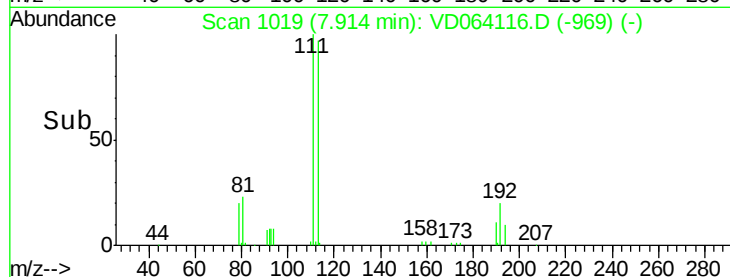
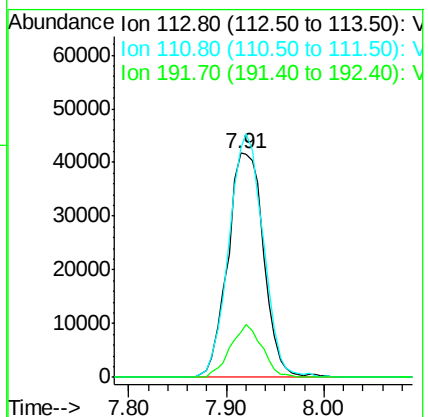
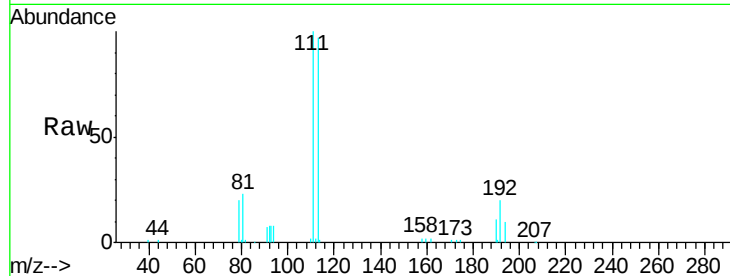




#35
Dibromofluoromethane
Concen: 50.754 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD064116.D
Acq: 30 Oct 2019 17:00

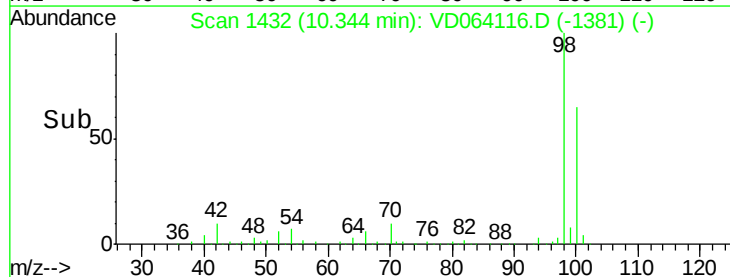
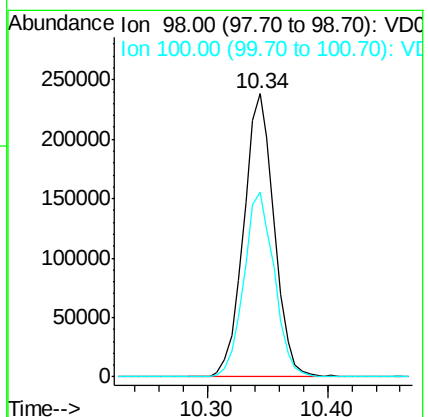
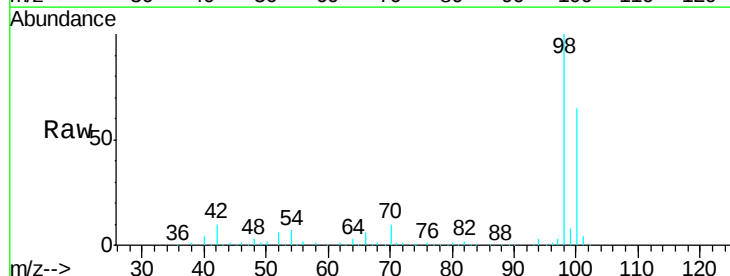
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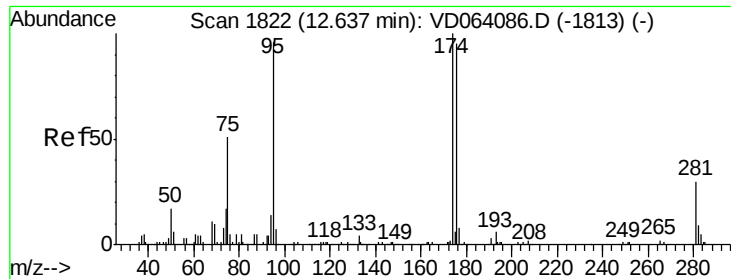
Tgt Ion:113 Resp: 106707
Ion Ratio Lower Upper
113 100
111 104.0 79.3 118.9
192 20.8 16.2 24.2



#50
Toluene-d8
Concen: 49.811 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD064116.D
Acq: 30 Oct 2019 17:00

Tgt Ion: 98 Resp: 418814
Ion Ratio Lower Upper
98 100
100 65.5 53.4 80.0

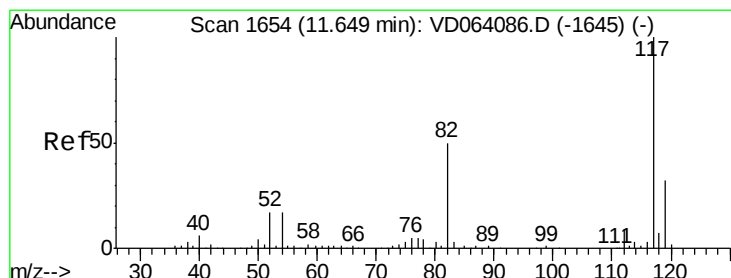
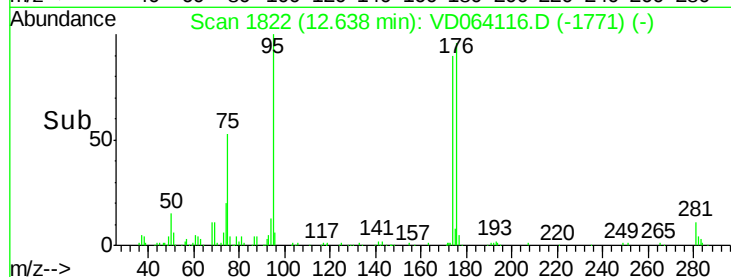
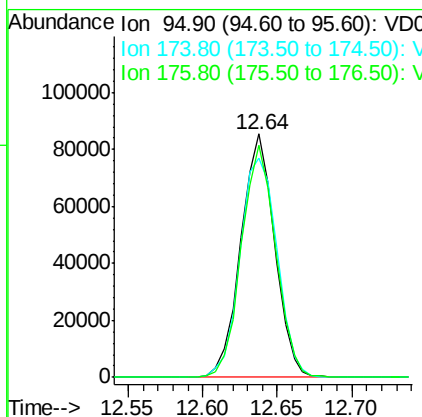
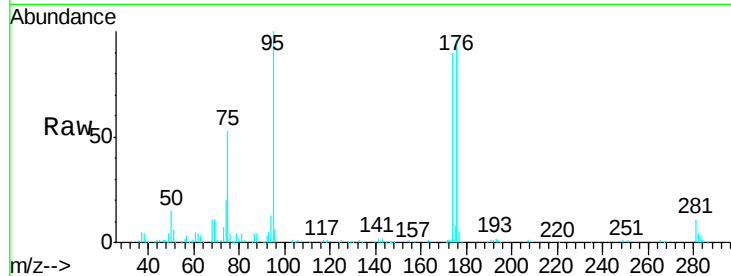




#62
4-Bromofluorobenzene
Concen: 48.200 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064116.D
Acq: 30 Oct 2019 17:00

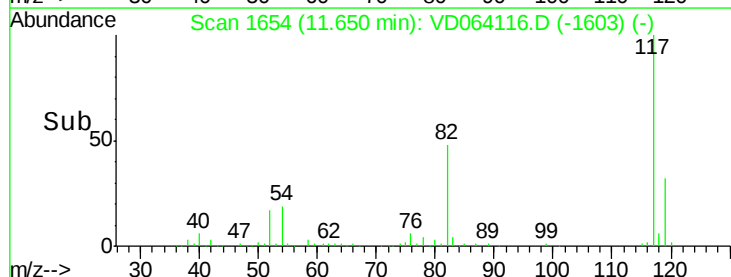
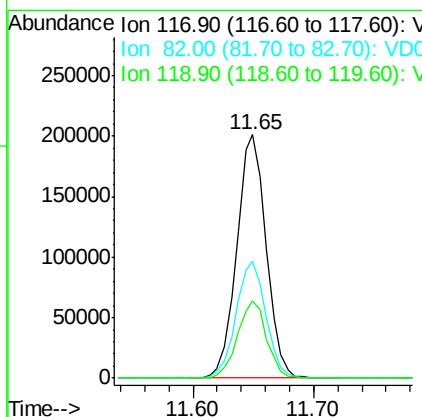
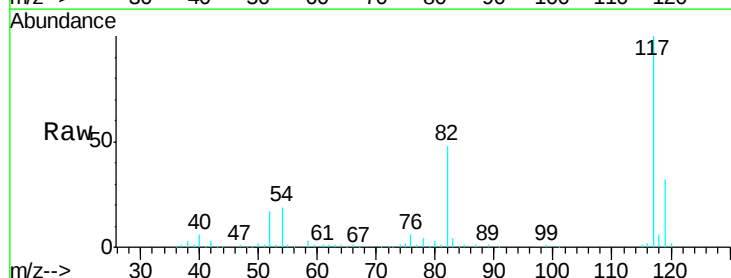
Instrument :
MSVOA_D
ClientSampleId :
20190938-COMPOSITE-A

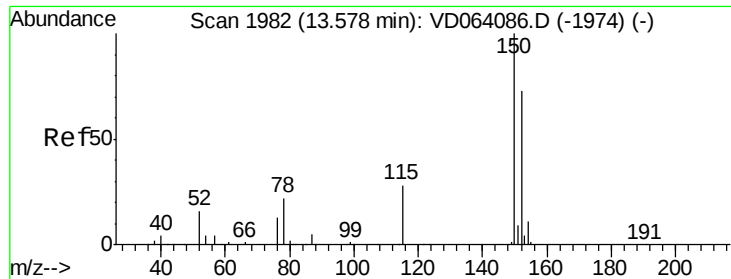
Tgt Ion: 95 Resp: 134360
Ion Ratio Lower Upper
95 100
174 98.6 0.0 201.6
176 96.5 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064116.D
Acq: 30 Oct 2019 17:00

Tgt Ion: 117 Resp: 340966
Ion Ratio Lower Upper
117 100
82 48.1 40.2 60.4
119 31.7 26.0 39.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD064116.D

Acq: 30 Oct 2019 17:00

Instrument :

MSVOA_D

ClientSampleId :

20190938-COMPOSITE-A

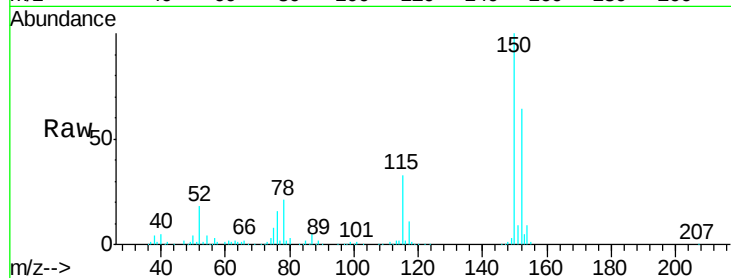
Tgt Ion:152 Resp: 152676

Ion Ratio Lower Upper

152 100

115 54.3 26.2 78.6

150 163.1 0.0 338.8



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

