

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD103119\
 Data File : VD064136.D
 Acq On : 31 Oct 2019 16:50
 Operator : VA/SY
 Sample : K5602-01RE
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20190938-COMPOSITE-ARE

Quant Time: Nov 01 07:58:49 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

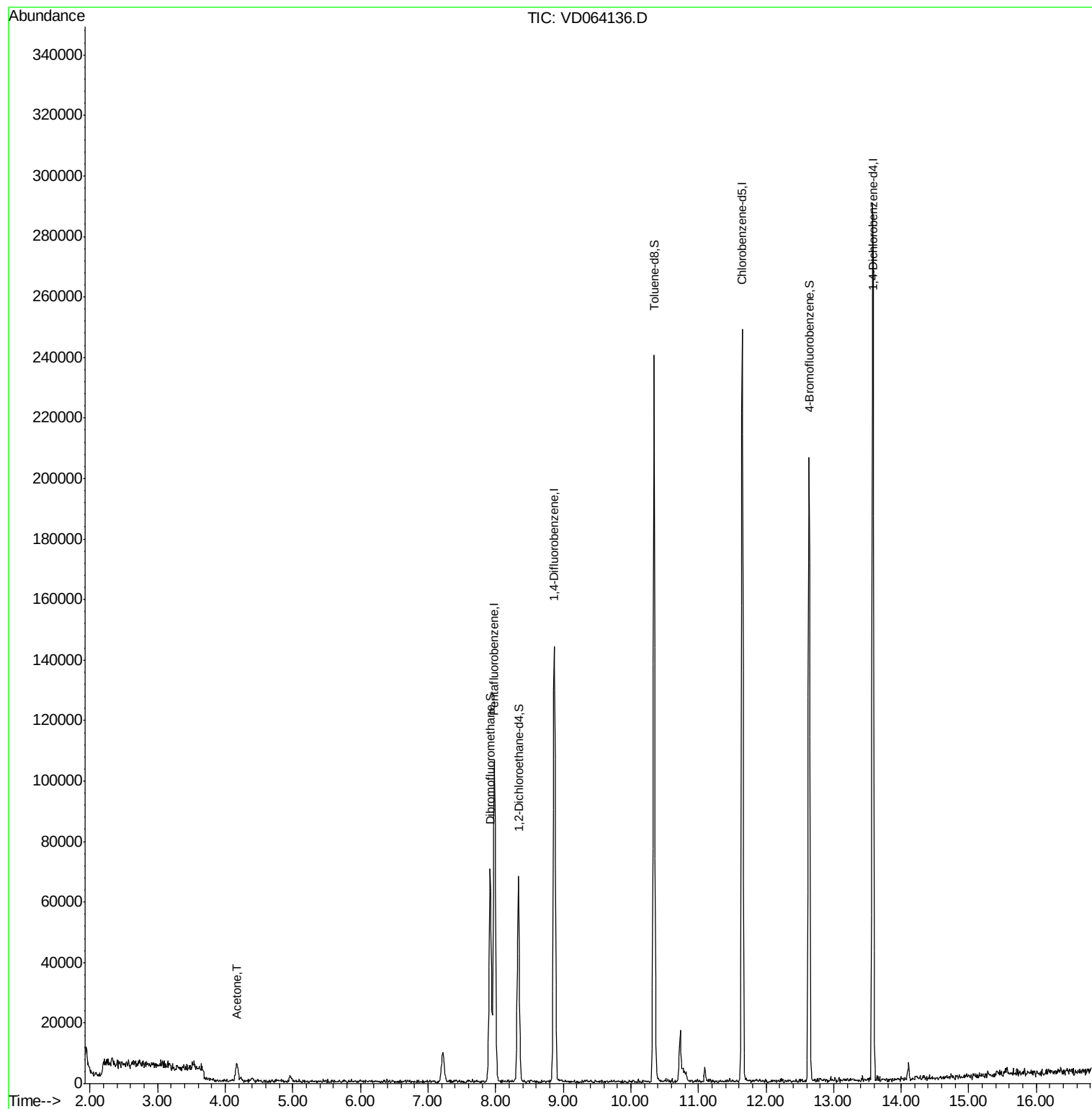
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	84376	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	130066	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	148352	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	79173	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	50318	74.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	149.96%	
35) Dibromofluoromethane	7.91	113	49327	61.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	123.28%	
50) Toluene-d8	10.34	98	161260	50.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.78%	
62) 4-Bromofluorobenzene	12.64	95	61059	57.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.10%	
Target Compounds						
16) Acetone	4.17	43	10219	80.036	ug/l #	Qvalue 85

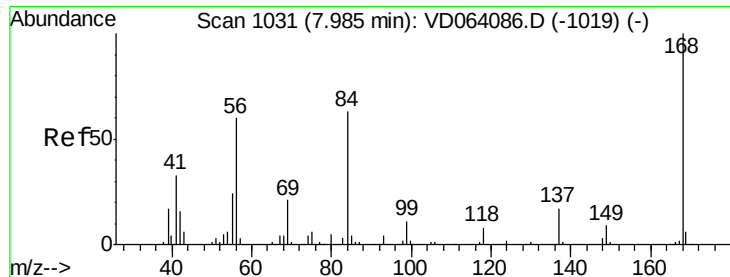
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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MSVOA_D

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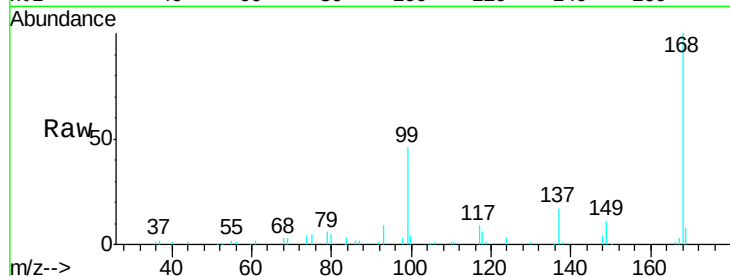
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Tgt Ion:168 Resp: 84376

Ion Ratio Lower Upper

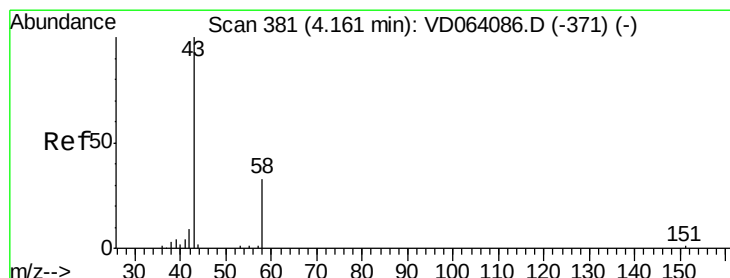
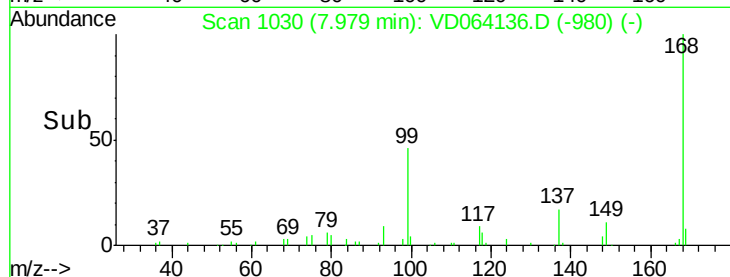
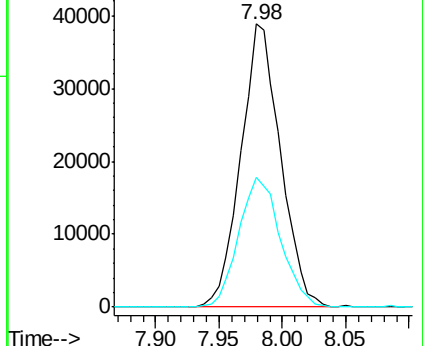
168 100

99 45.8 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#16

Acetone

Concen: 80.036 ug/l

RT: 4.17 min Scan# 382

Delta R.T. 0.01 min

Lab File: VD064136.D

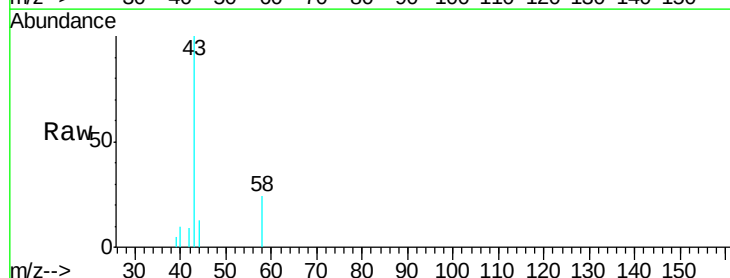
Acq: 31 Oct 2019 16:50

Tgt Ion: 43 Resp: 10219

Ion Ratio Lower Upper

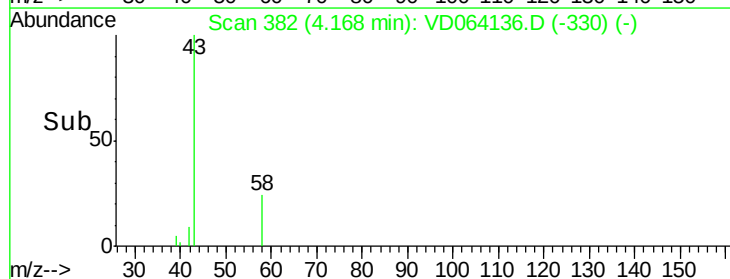
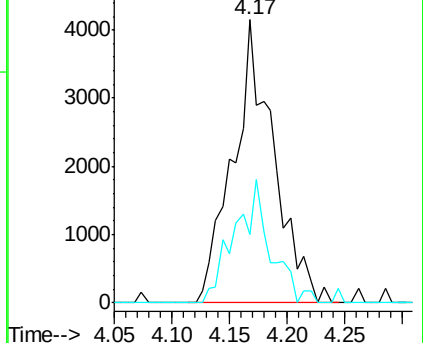
43 100

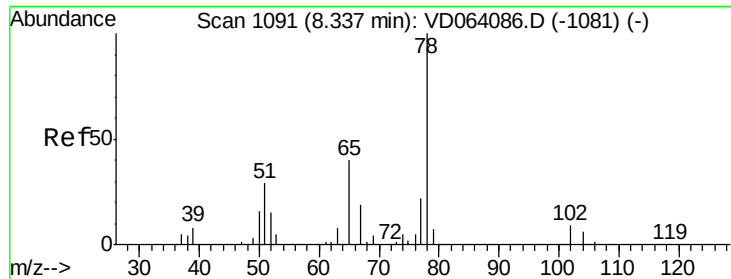
58 24.2 26.3 39.5#



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC





#33

1,2-Dichloroethane-d4

Concen: 74.984 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.01 min

Lab File: VD064136.D

Acq: 31 Oct 2019 16:50

Instrument :

MSVOA_D

ClientSampleId :

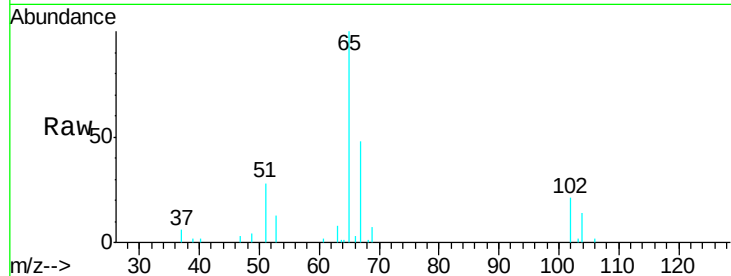
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Tgt Ion: 65 Resp: 50318

Ion Ratio Lower Upper

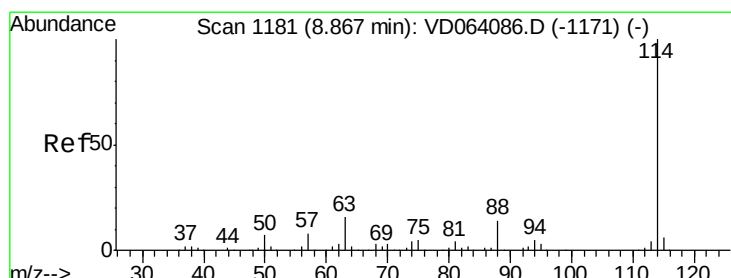
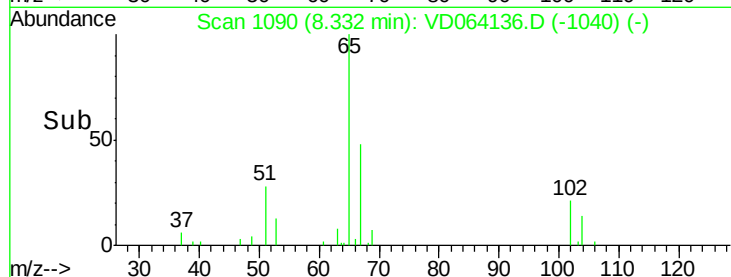
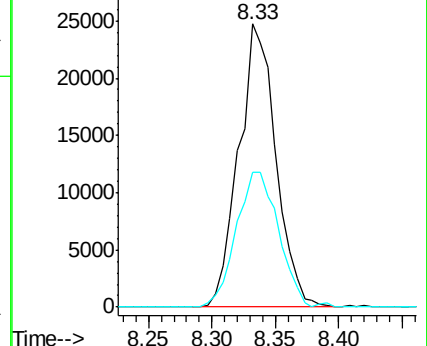
65 100

67 54.0 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: VD064136.D

Acq: 31 Oct 2019 16:50

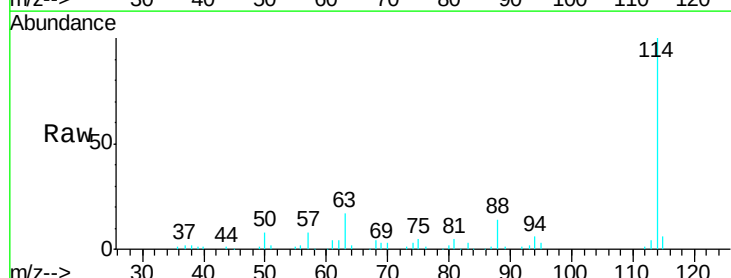
Tgt Ion: 114 Resp: 130066

Ion Ratio Lower Upper

114 100

63 17.4 0.0 32.8

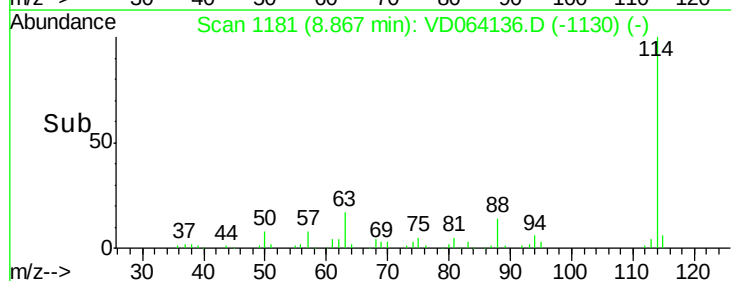
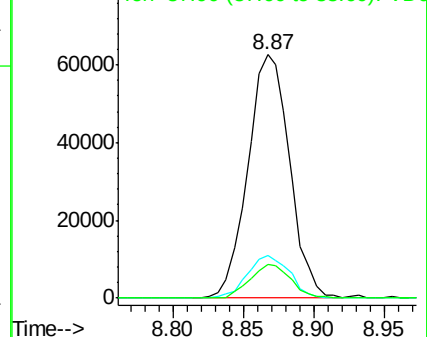
88 13.9 0.0 27.6

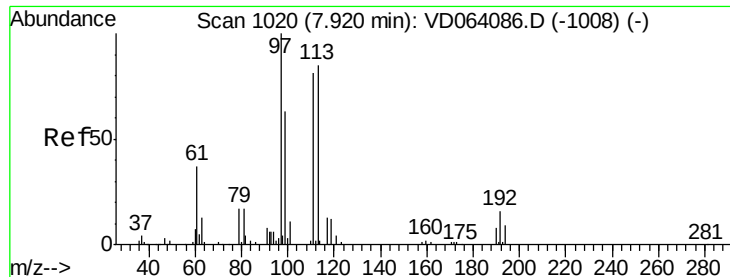


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 61.643 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. -0.01 min

Lab File: VD064136.D

Acq: 31 Oct 2019 16:50

Instrument :

MSVOA_D

ClientSampleId :

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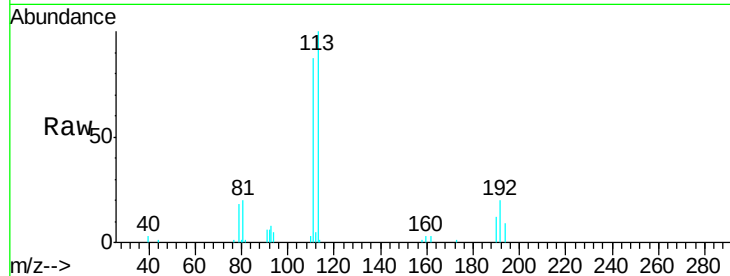
Tgt Ion:113 Resp: 49327

Ion Ratio Lower Upper

113 100

111 94.0 79.3 118.9

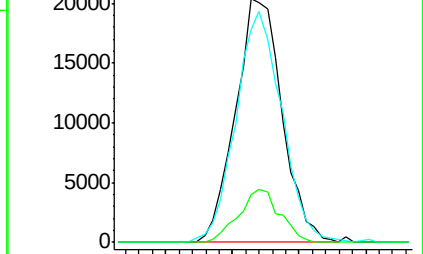
192 19.2 16.2 24.2



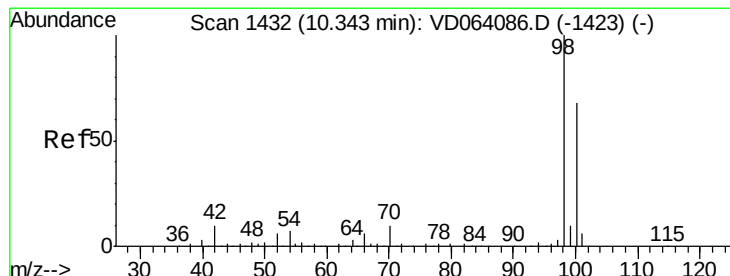
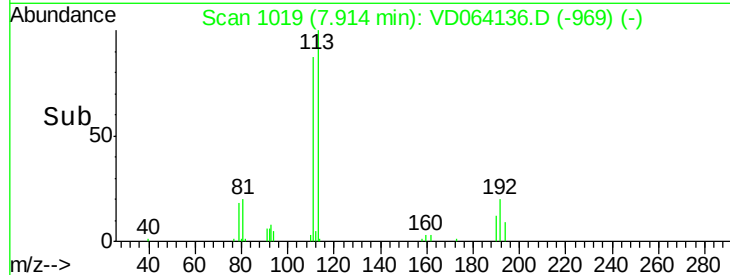
Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



Time-->



#50

Toluene-d8

Concen: 50.391 ug/l

RT: 10.34 min Scan# 1432

Delta R.T. 0.00 min

Lab File: VD064136.D

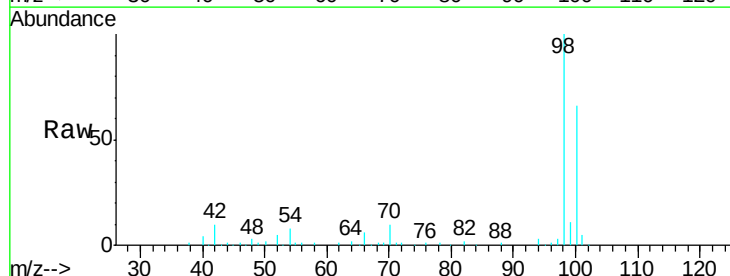
Acq: 31 Oct 2019 16:50

Tgt Ion: 98 Resp: 161260

Ion Ratio Lower Upper

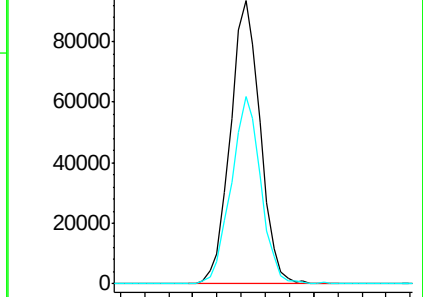
98 100

100 65.9 53.4 80.0

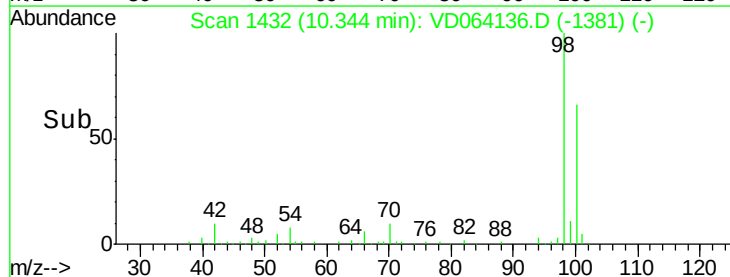


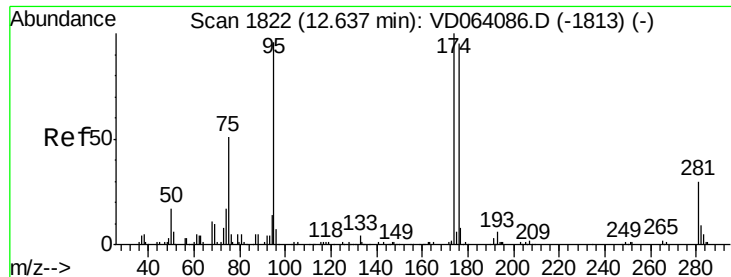
Abundance Ion 98.00 (97.70 to 98.70): V

Ion 100.00 (99.70 to 100.70): V



Time-->

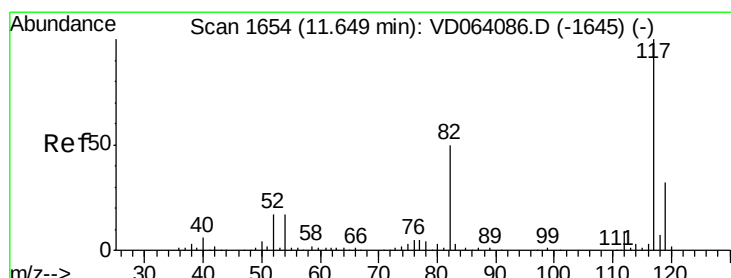
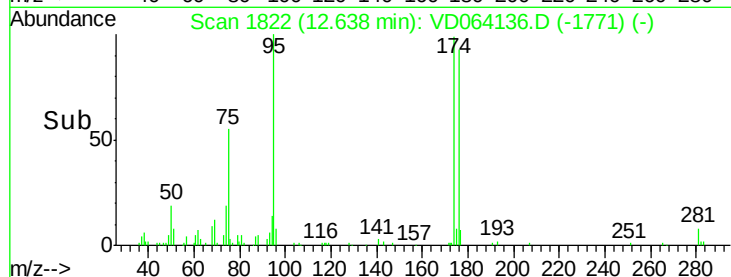
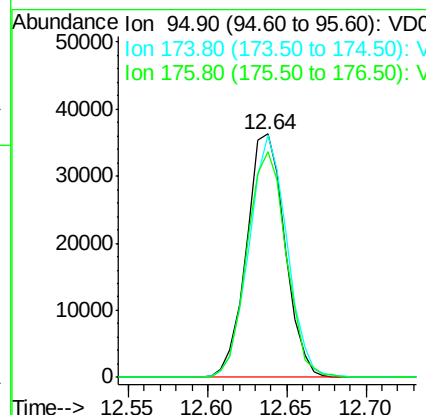
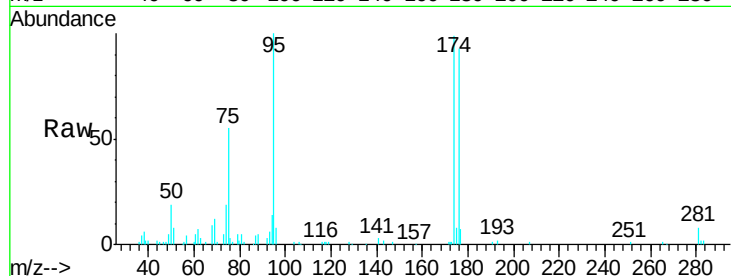




#62
4-Bromofluorobenzene
Concen: 57.552 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD064136.D
Acq: 31 Oct 2019 16:50

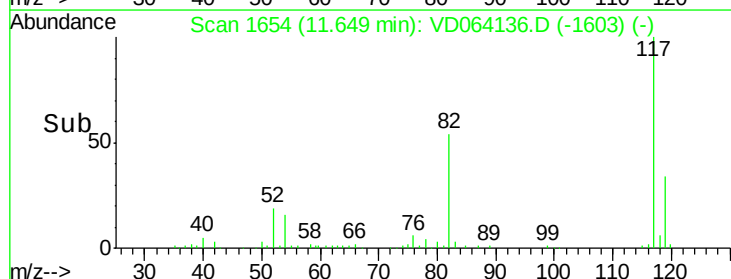
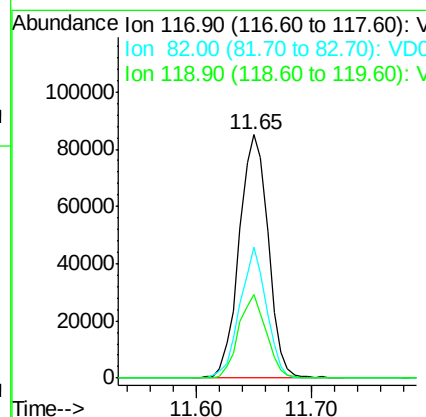
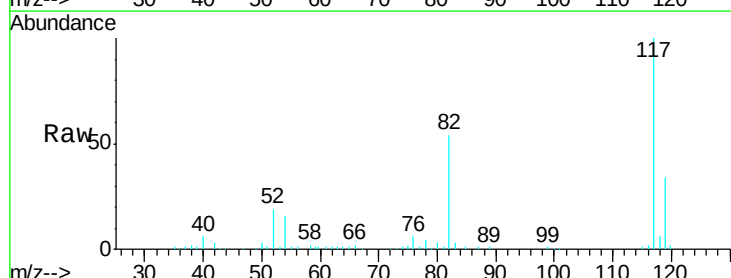
Instrument :
MSVOA_D
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20190938-COMPOSITE-ARE

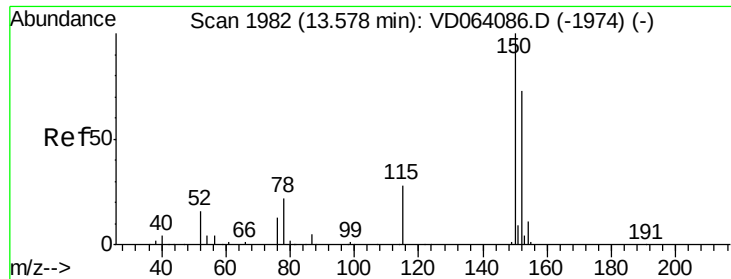
Tgt Ion: 95 Resp: 61059
Ion Ratio Lower Upper
95 100
174 98.4 0.0 201.6
176 94.4 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD064136.D
Acq: 31 Oct 2019 16:50

Tgt Ion: 117 Resp: 148352
Ion Ratio Lower Upper
117 100
82 53.6 40.2 60.4
119 34.1 26.0 39.0

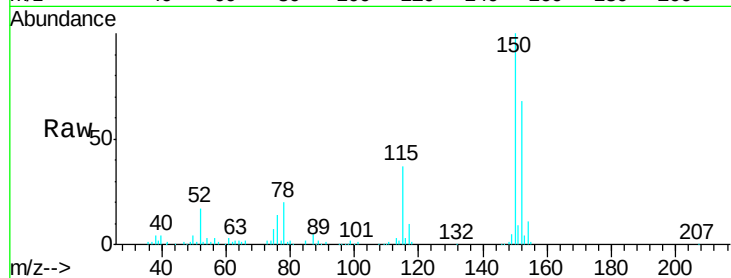




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.58 min Scan# 1983
 Delta R.T. 0.01 min
 Lab File: VD064136.D
 Acq: 31 Oct 2019 16:50

Instrument :
 MSVOA_D
 ClientSampleId :
 20190938-COMPOSITE-ARE

Tgt Ion:152 Resp: 79173
 Ion Ratio Lower Upper
 152 100
 115 54.2 26.2 78.6
 150 158.2 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

