

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080719\
 Data File : VD063425.D
 Acq On : 7 Aug 2019 17:51
 Operator : JC/SY
 Sample : K4219-05RE
 Misc : 6.29g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-239-217-225-230RE

Quant Time: Aug 08 08:32:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	906554	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	1235650	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	1015367	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	504753	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	468152	46.54	ug/l	0.02
Spiked Amount			Recovery	=	93.08%	
35) Dibromofluoromethane	6.93	113	500610	47.45	ug/l	0.02
Spiked Amount			Recovery	=	94.90%	
50) Toluene-d8	10.41	98	985195	41.73	ug/l	0.01
Spiked Amount			Recovery	=	83.46%	
62) 4-Bromofluorobenzene	13.55	95	450452	41.87	ug/l	0.00
Spiked Amount			Recovery	=	83.74%	

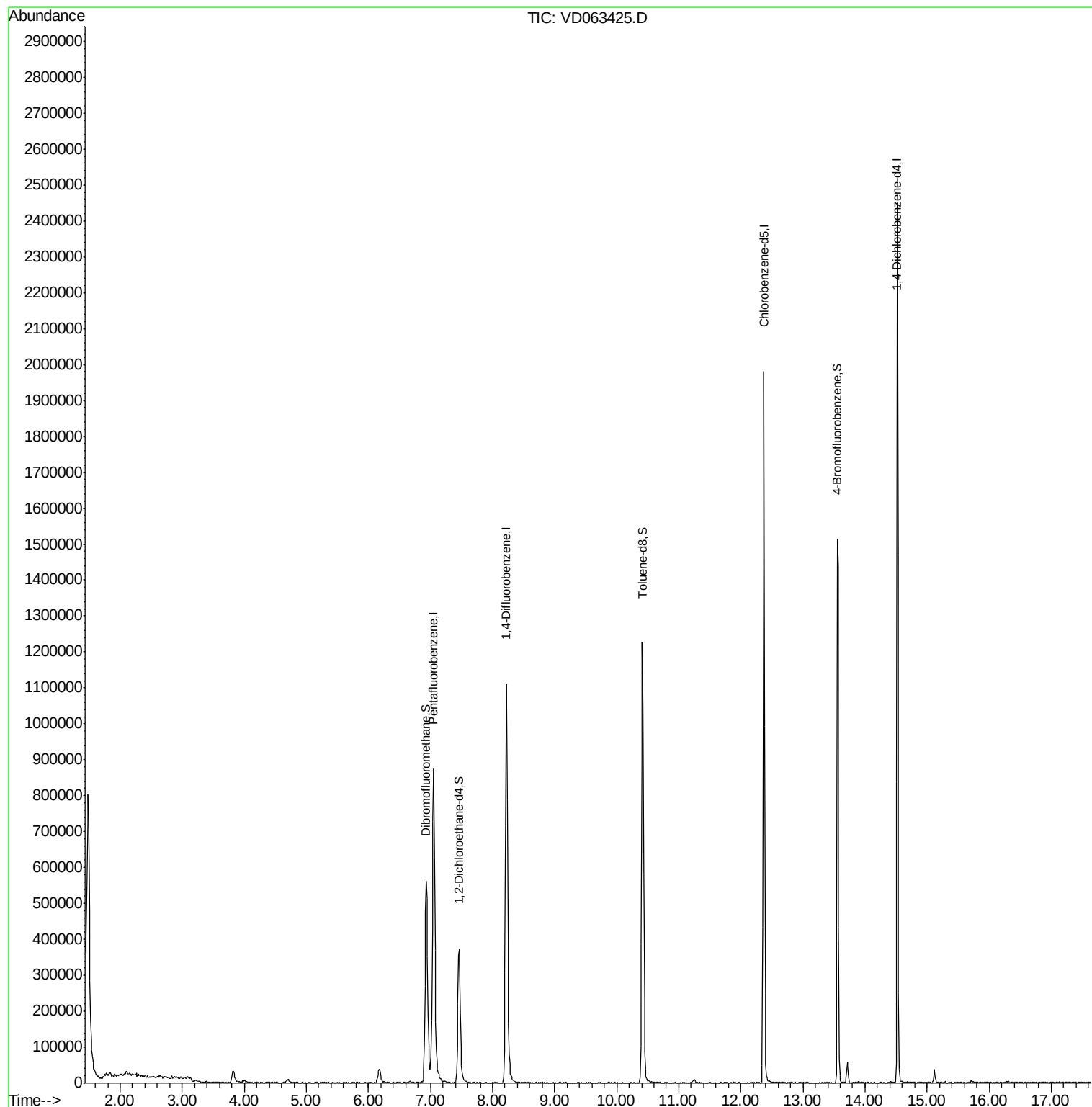
Target Compounds	Qvalue
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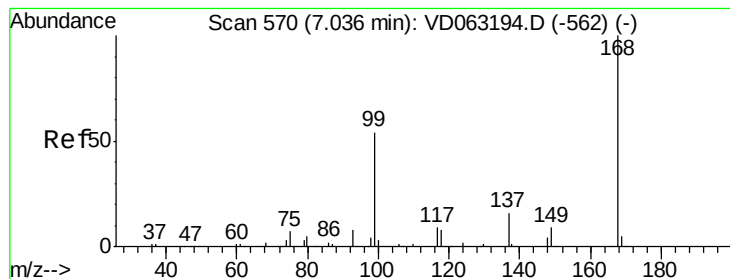
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.02 min

Lab File: VD063425.D

Acq: 7 Aug 2019 17:51

Instrument :

MSVOA_D

ClientSampleId :

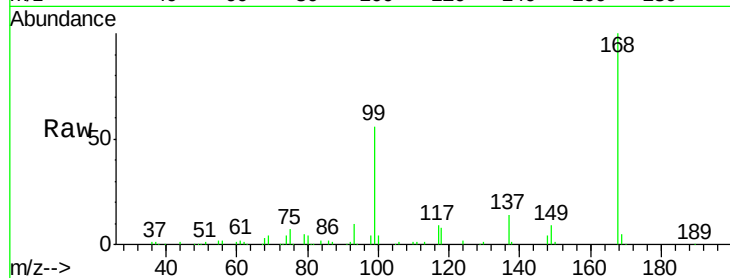
VNJ-239-217-225-230RE

Tot Ion:168 Resp: 906554

Ion Ratio Lower Upper

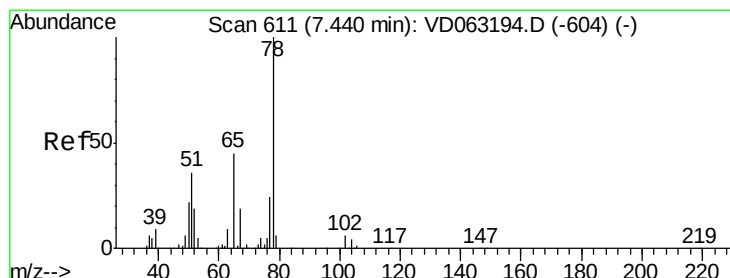
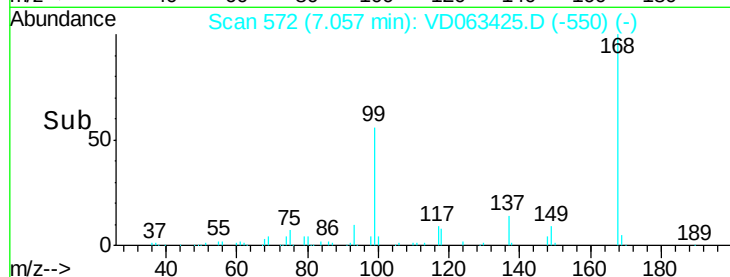
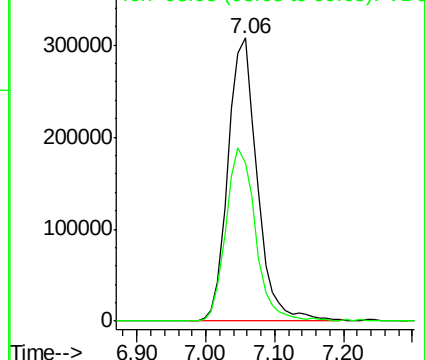
168 100

99 55.8 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 46.540 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.02 min

Lab File: VD063425.D

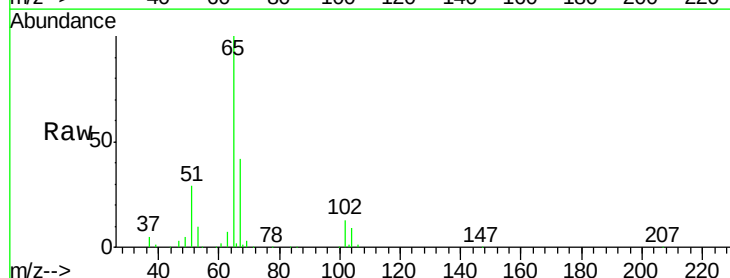
Acq: 7 Aug 2019 17:51

Tgt Ion: 65 Resp: 468152

Ion Ratio Lower Upper

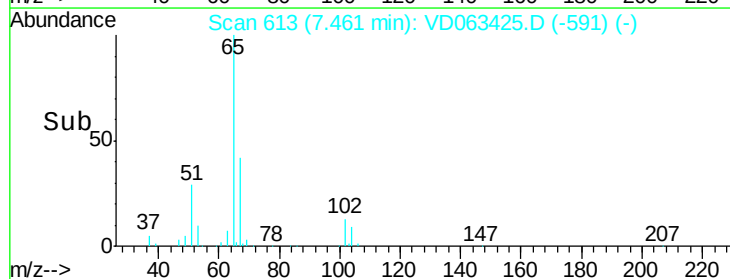
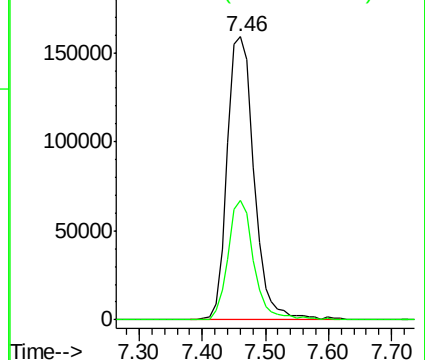
65 100

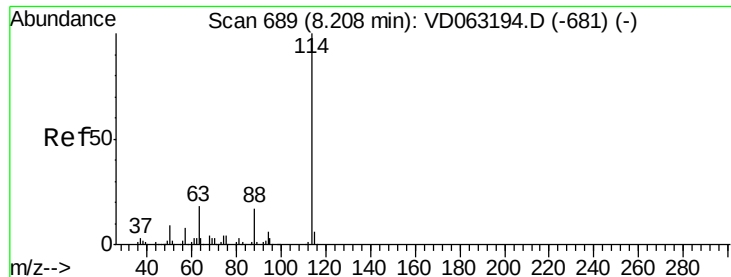
67 42.1 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. 0.02 min

Lab File: VD063425.D

Acq: 7 Aug 2019 17:51

Instrument :

MSVOA_D

ClientSampleId :

VNJ-239-217-225-230RE

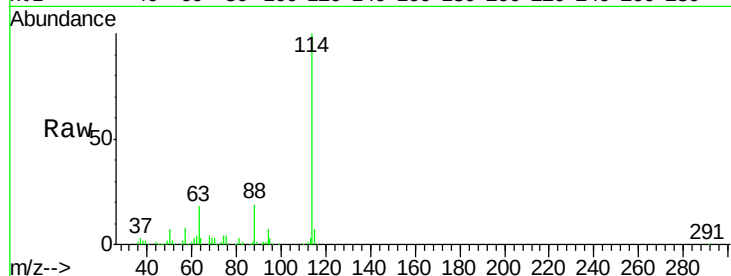
Tot Ion:114 Resp: 1235650

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.2

88 18.9 0.0 34.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V

600000

500000

400000

300000

200000

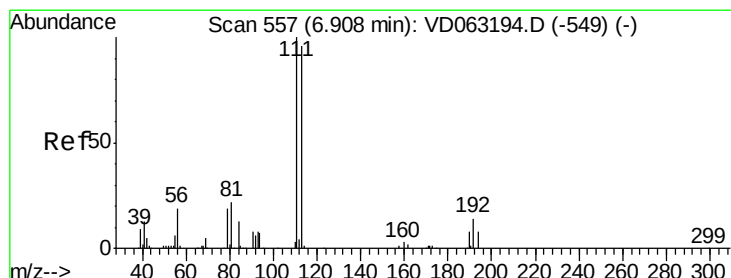
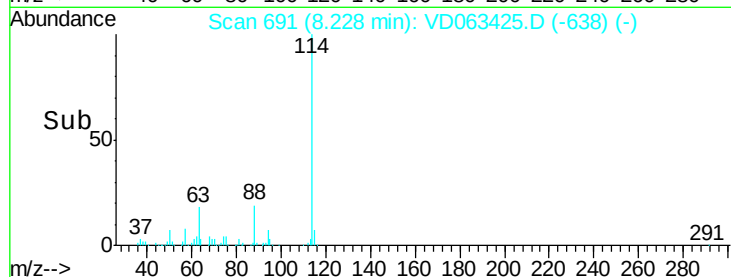
100000

0

8.23

8.10 8.20 8.30 8.40

Time-->



#35

Dibromofluoromethane

Concen: 47.452 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.02 min

Lab File: VD063425.D

Acq: 7 Aug 2019 17:51

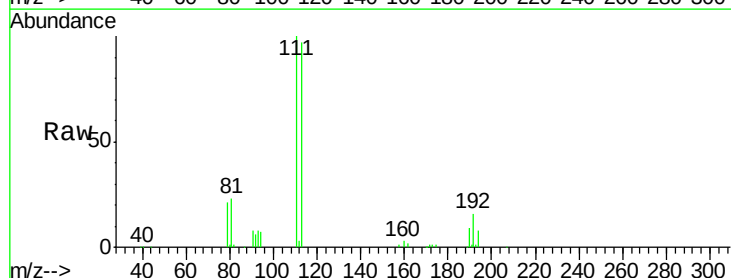
Tgt Ion:113 Resp: 500610

Ion Ratio Lower Upper

113 100

111 103.6 83.2 124.8

192 16.8 11.8 17.8



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

200000

150000

100000

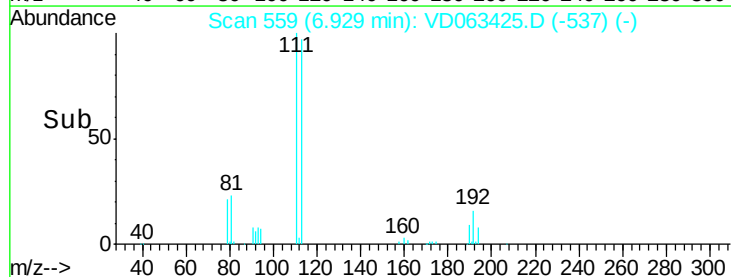
50000

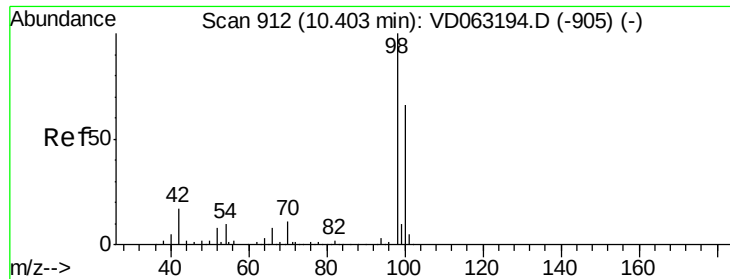
0

6.93

6.80 6.90 7.00 7.10

Time-->

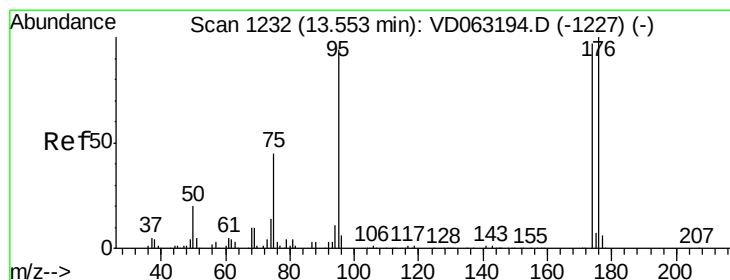
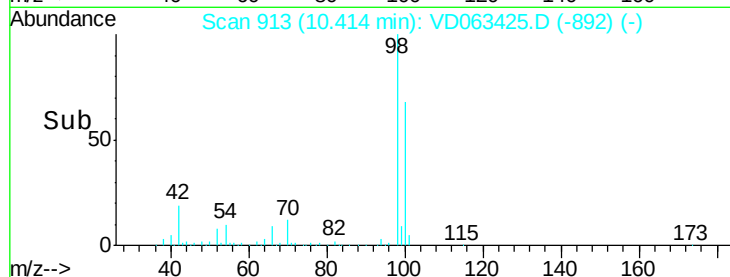
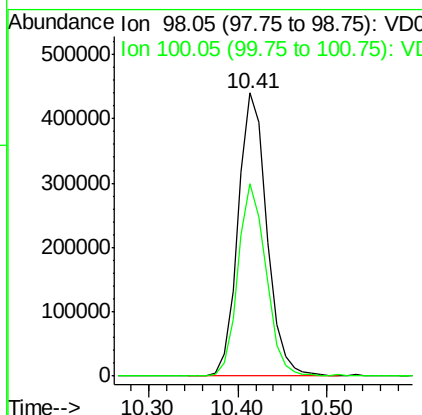
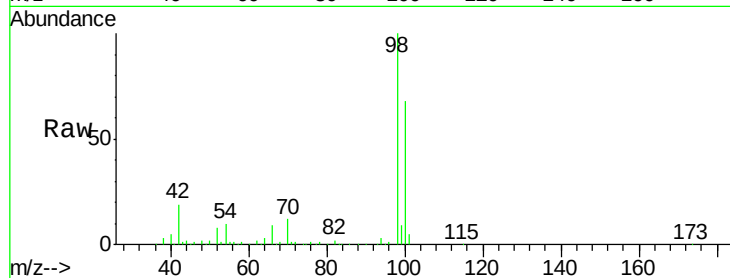




#50
Toluene-d8
Concen: 41.727 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD063425.D
Acq: 7 Aug 2019 17:51

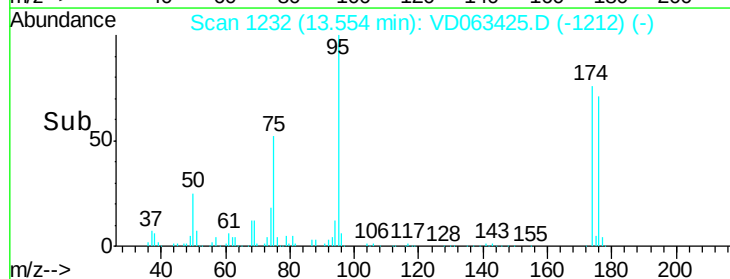
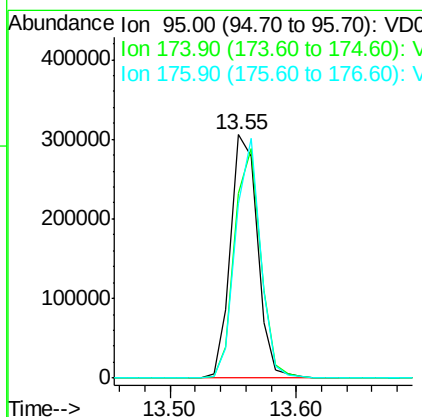
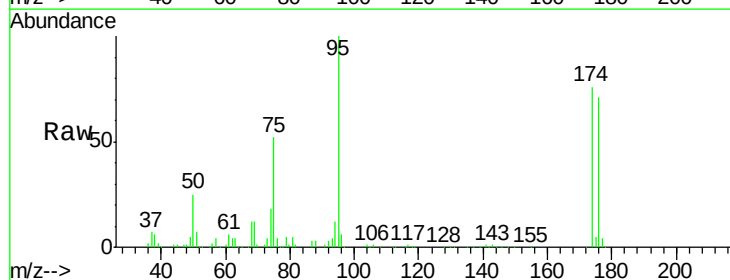
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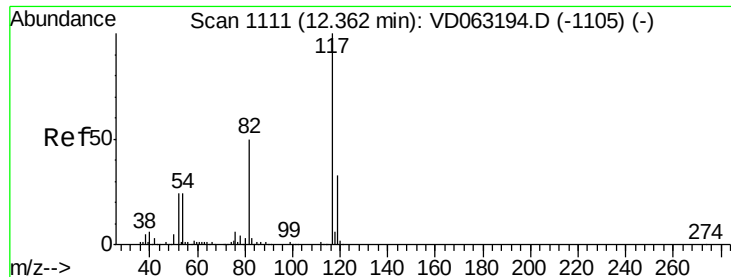
Tot Ion: 98 Resp: 985195
Ion Ratio Lower Upper
98 100
100 67.8 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 41.867 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD063425.D
Acq: 7 Aug 2019 17:51

Tgt Ion: 95 Resp: 450452
Ion Ratio Lower Upper
95 100
174 75.9 0.0 205.4
176 71.5 0.0 211.8

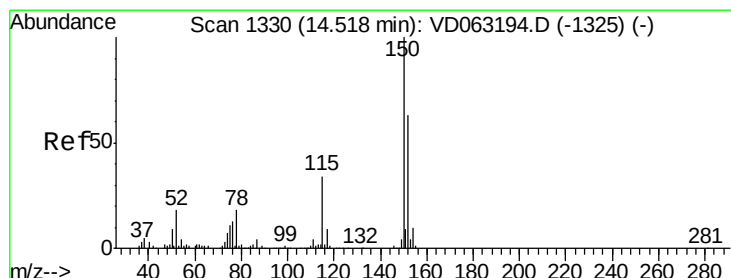
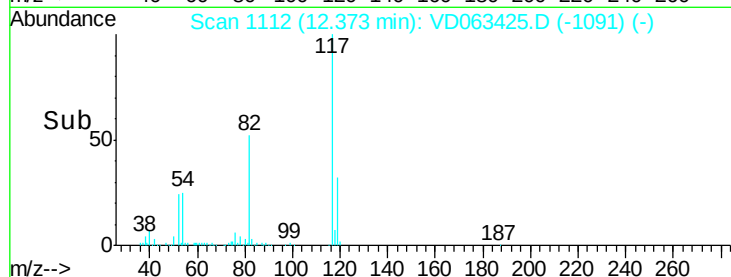
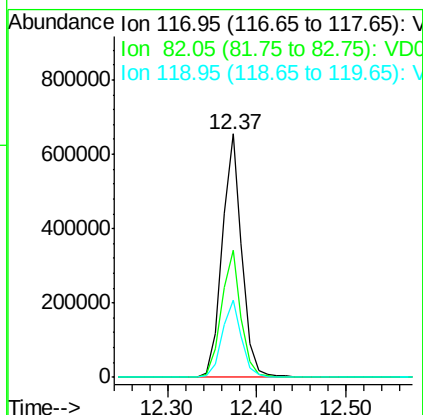
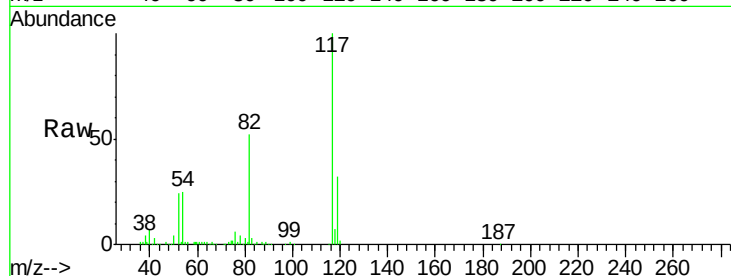




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD063425.D
Acq: 7 Aug 2019 17:51

Instrument :
MSVOA_D
ClientSampleId :
VNJ-239-217-225-230RE

Tot Ion:117 Resp: 1015367
Ion Ratio Lower Upper
117 100
82 52.0 40.1 60.1
119 31.7 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD063425.D
Acq: 7 Aug 2019 17:51

Tgt Ion:152 Resp: 504753
Ion Ratio Lower Upper
152 100
115 60.3 27.5 82.4
150 153.7 0.0 320.6

