

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071519\
 Data File : VD063086.D
 Acq On : 15 Jul 2019 17:49
 Operator : VA/AP
 Sample : K3626-05
 Misc : 6.26g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-04-071119-A

Quant Time: Jul 16 08:38:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 08:11:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	638674	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	856893	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	696401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	360699	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	497156	62.49	ug/l	0.00
Spiked Amount			Recovery	=	124.98%	
35) Dibromofluoromethane	6.91	113	536486	62.86	ug/l	0.00
Spiked Amount			Recovery	=	125.72%	
50) Toluene-d8	10.40	98	1015932	55.42	ug/l	0.00
Spiked Amount			Recovery	=	110.84%	
62) 4-Bromofluorobenzene	13.55	95	471951	55.64	ug/l	0.00
Spiked Amount			Recovery	=	111.28%	

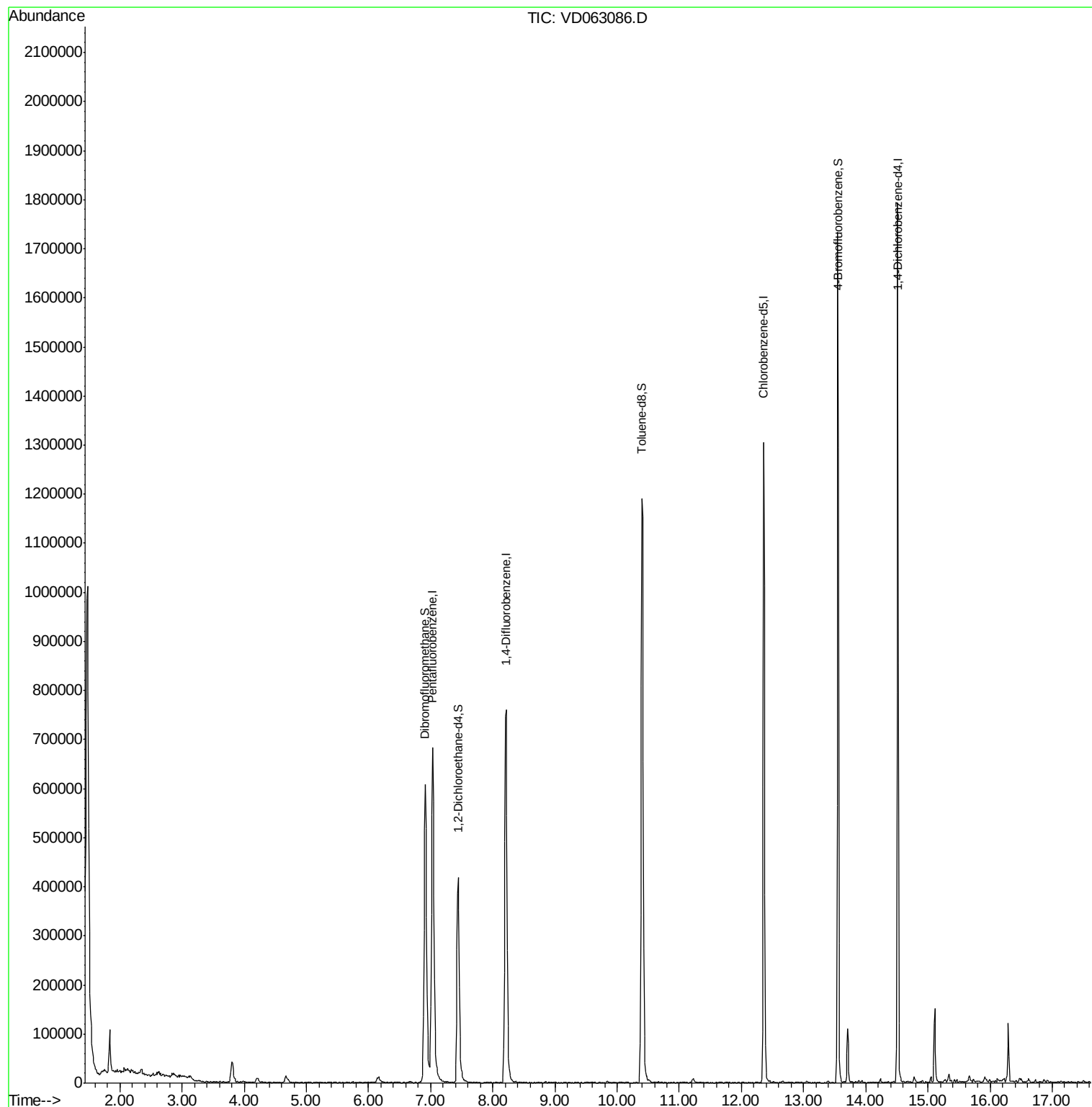
Target Compounds	Qvalue
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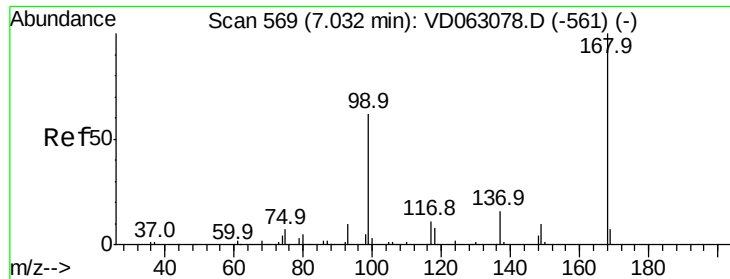
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 16 08:11:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.00 min

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Acq: 15 Jul 2019 17:49

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MSVOA_D

ClientSampleId :

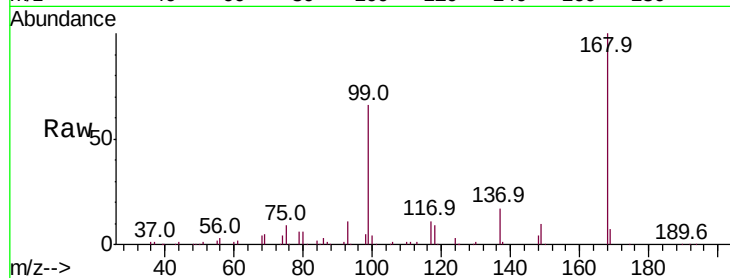
SU-04-071119-A

Tot Ion:168 Resp: 638674

Ion Ratio Lower Upper

168 100

99 66.4 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

250000

200000

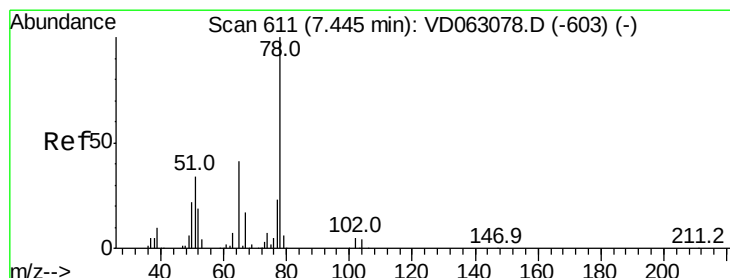
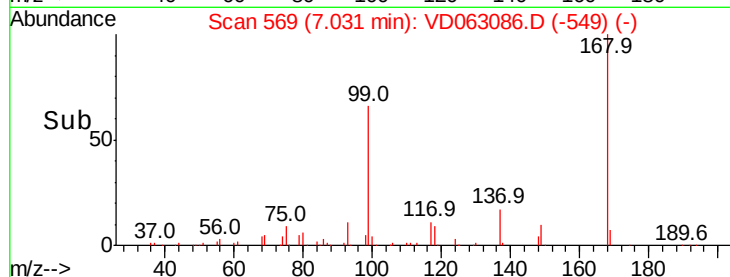
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 62.489 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.00 min

Lab File: VD063086.D

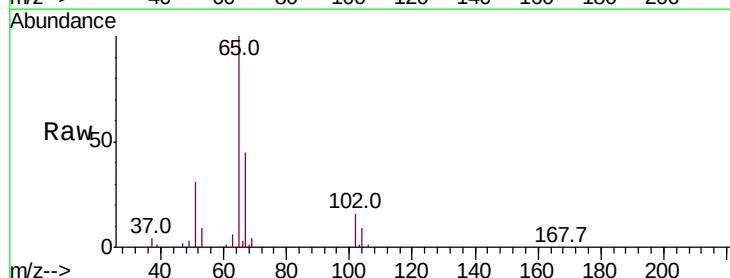
Acq: 15 Jul 2019 17:49

Tgt Ion: 65 Resp: 497156

Ion Ratio Lower Upper

65 100

67 45.1 0.0 86.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

200000

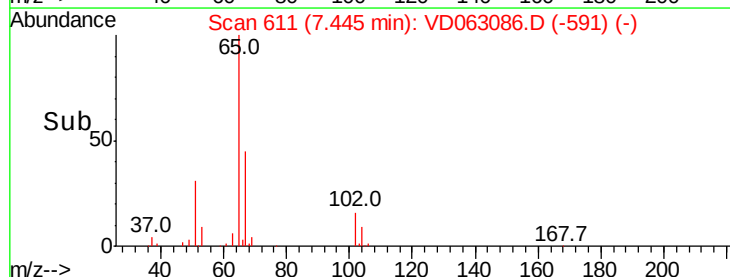
150000

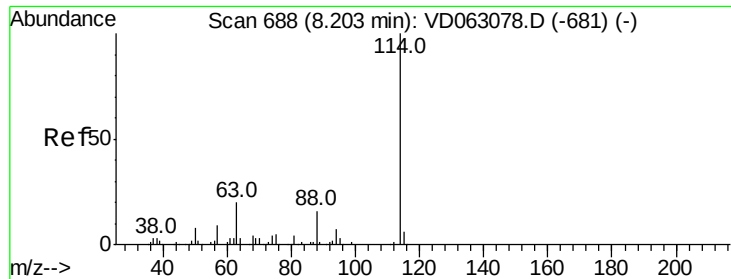
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. 0.01 min

Lab File: VD063086.D

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Instrument :

MSVOA_D

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SU-04-071119-A

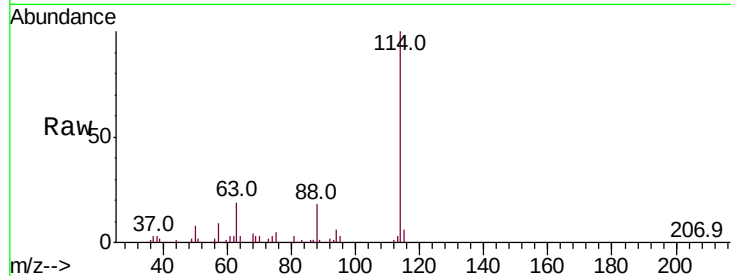
Tot Ion:114 Resp: 856893

Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.6

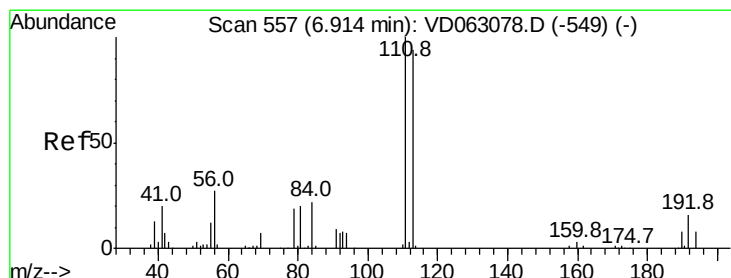
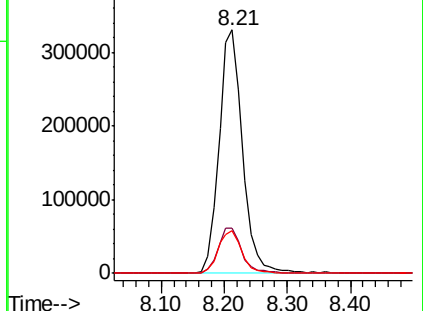
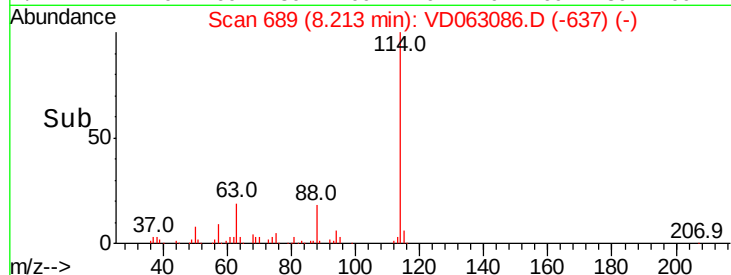
88 17.6 0.0 32.6



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



#35

Dibromofluoromethane

Concen: 62.858 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.00 min

Lab File: VD063086.D

Acq: 15 Jul 2019 17:49

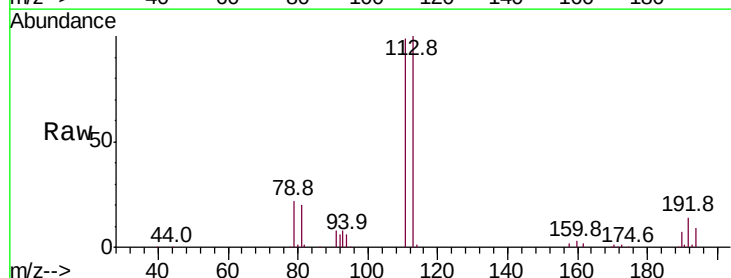
Tgt Ion:113 Resp: 536486

Ion Ratio Lower Upper

113 100

111 98.9 84.8 127.2

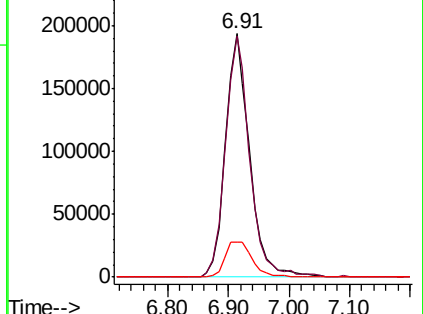
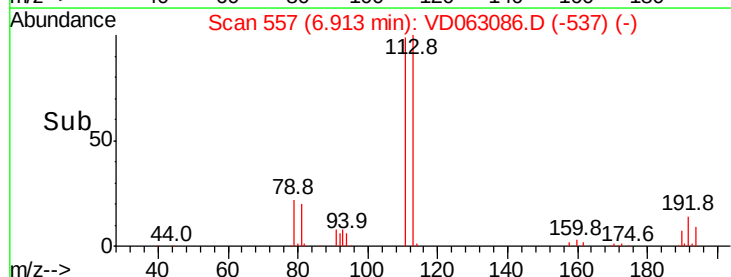
192 14.2 13.4 20.0

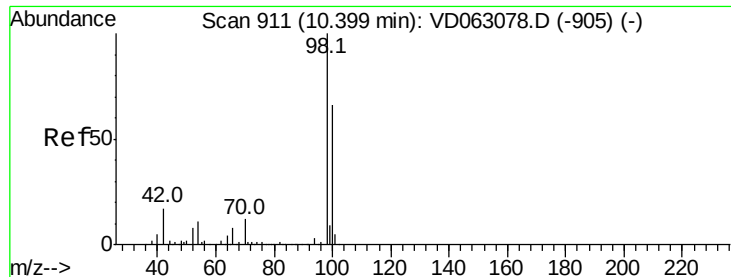


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

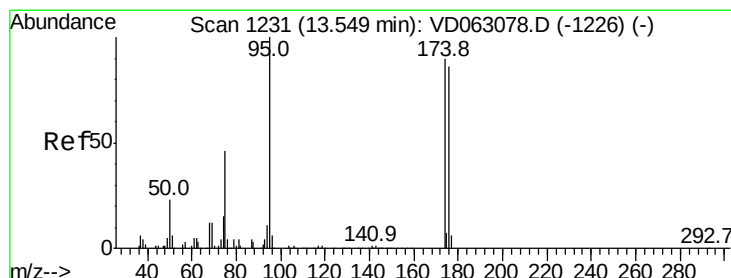
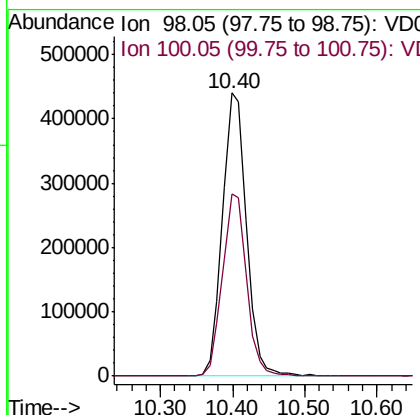
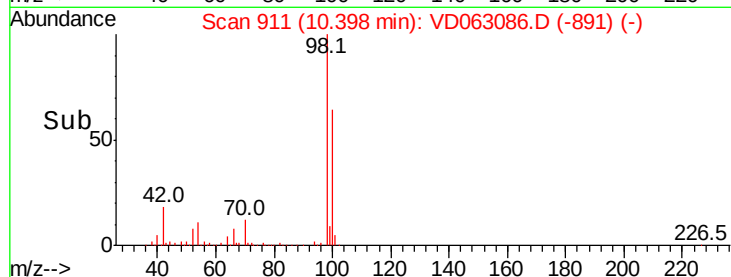
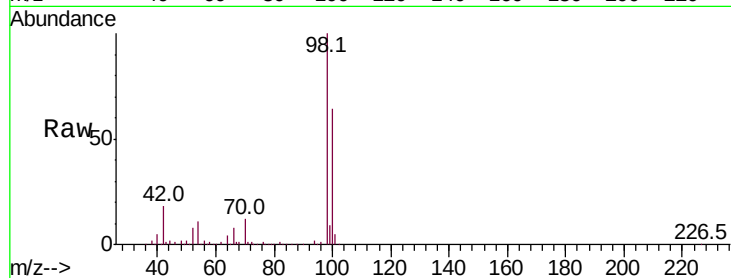




#50
Toluene-d8
Concen: 55.416 ug/l
RT: 10.40 min Scan# 911
Delta R.T. -0.00 min
Lab File: VD063086.D
Acq: 15 Jul 2019 17:49

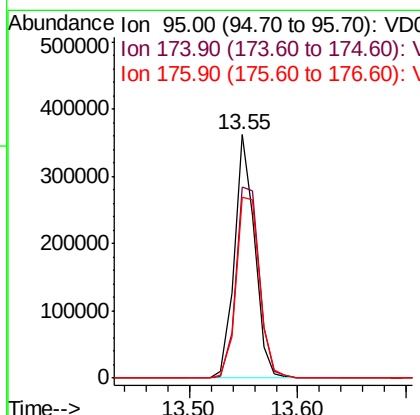
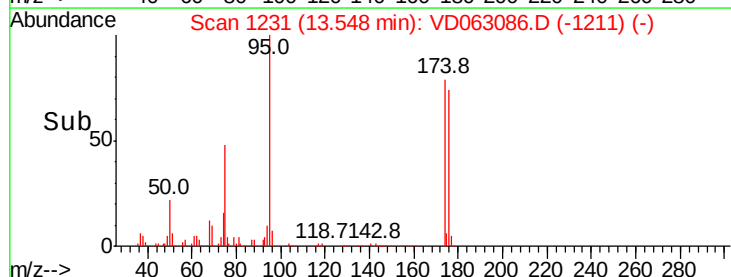
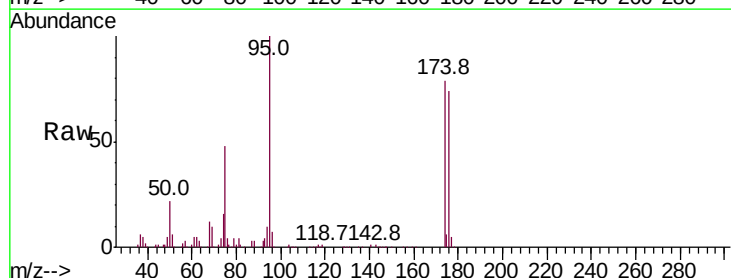
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SU-04-071119-A

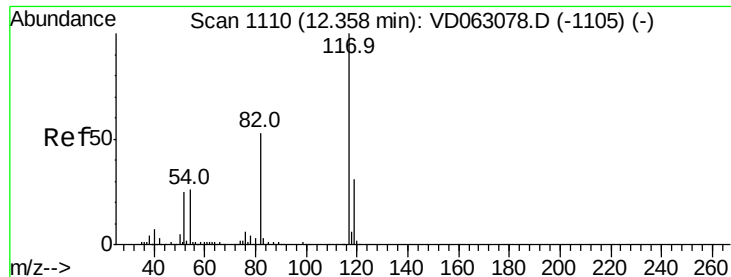
Tot Ion: 98 Resp: 1015932
Ion Ratio Lower Upper
98 100
100 64.4 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 55.645 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VD063086.D
Acq: 15 Jul 2019 17:49

Tgt Ion: 95 Resp: 471951
Ion Ratio Lower Upper
95 100
174 78.6 0.0 180.6
176 74.1 0.0 172.2

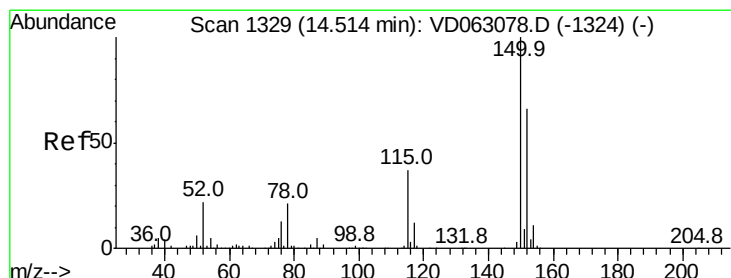
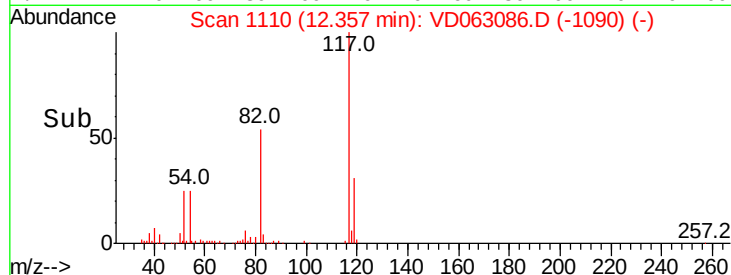
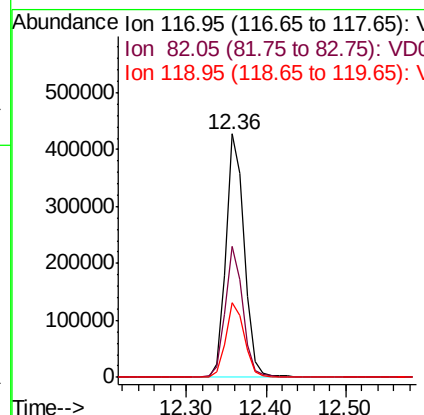
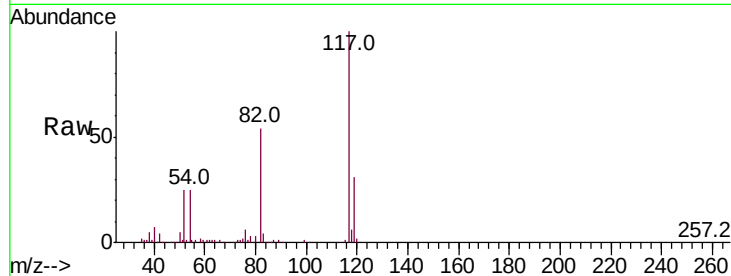




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD063086.D
Acq: 15 Jul 2019 17:49

Instrument :
MSVOA_D
ClientSampleId :
SU-04-071119-A

Tot Ion:117 Resp: 696401
Ion Ratio Lower Upper
117 100
82 53.9 42.3 63.5
119 30.7 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD063086.D
Acq: 15 Jul 2019 17:49

Tgt Ion:152 Resp: 360699
Ion Ratio Lower Upper
152 100
115 60.0 28.9 86.8
150 152.1 0.0 313.8

