

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073119\
 Data File : VD063272.D
 Acq On : 31 Jul 2019 12:10
 Operator : VA/AP
 Sample : K3618-09
 Misc : 6.39g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HD-01-073019

Quant Time: Aug 01 04:17:12 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	7.03	168	1034750	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1456442	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1147554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	471741	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	447259	38.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.90%	
35) Dibromofluoromethane	6.91	113	493900	39.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.44%	
50) Toluene-d8	10.40	98	972165	34.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.86%	
62) 4-Bromofluorobenzene	13.55	95	394591	31.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	62.24%	

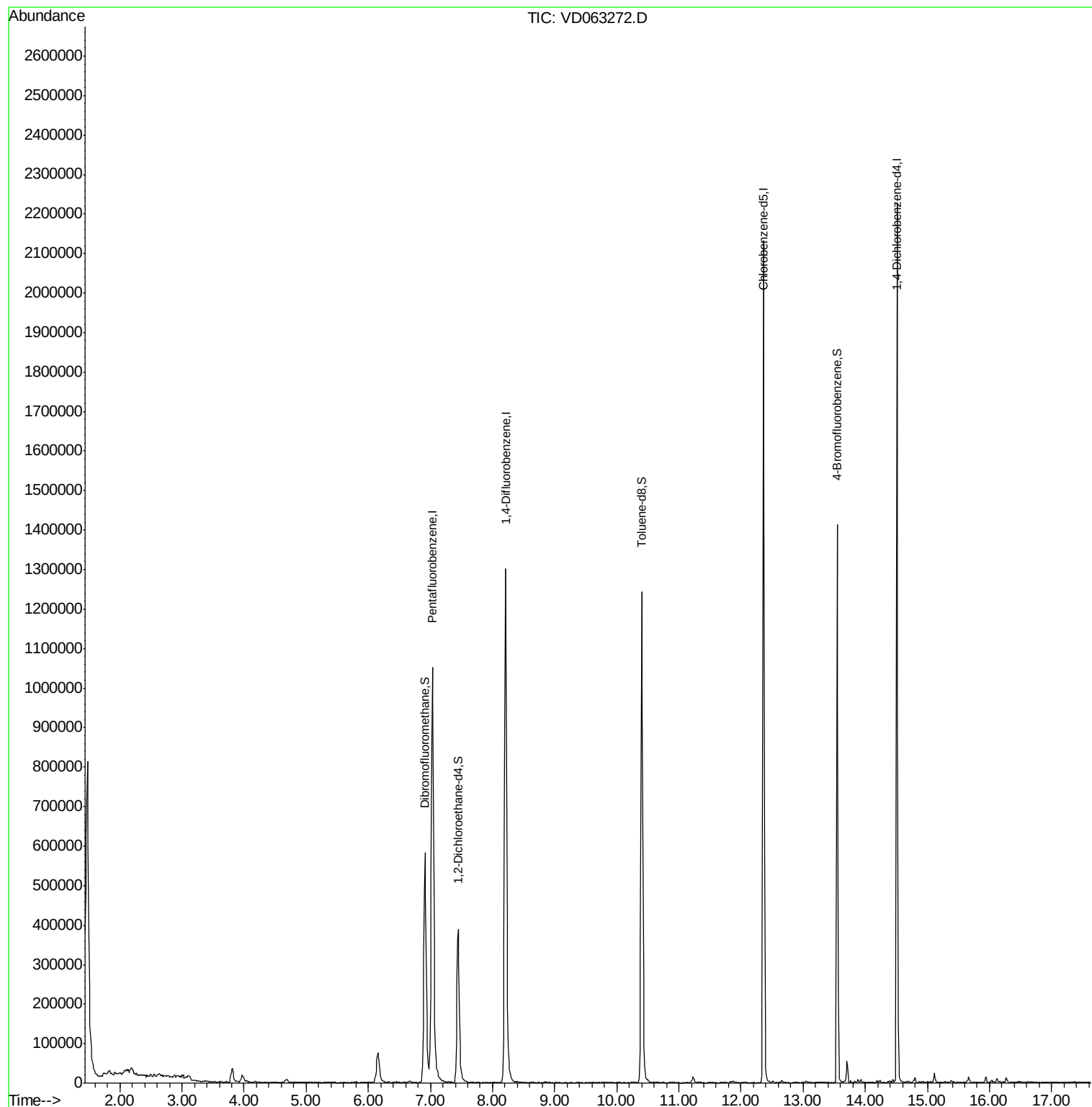
Target Compounds	Qvalue

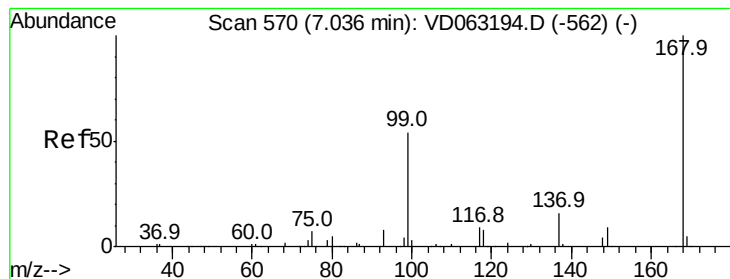
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 569

Delta R.T. -0.00 min

Lab File: VD063272.D

Acq: 31 Jul 2019 12:10

Instrument :

MSVOA_D

ClientSampleId :

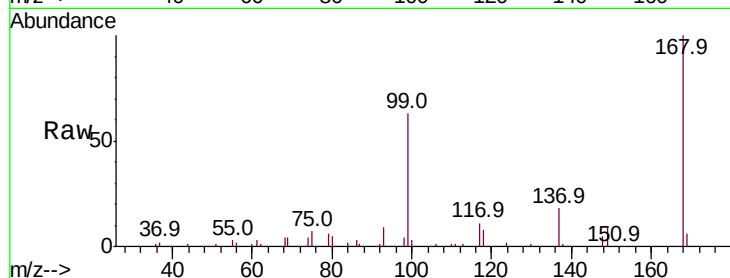
HD-01-073019

Tot Ion:168 Resp: 1034750

Ion Ratio Lower Upper

168 100

99 62.8 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

400000

300000

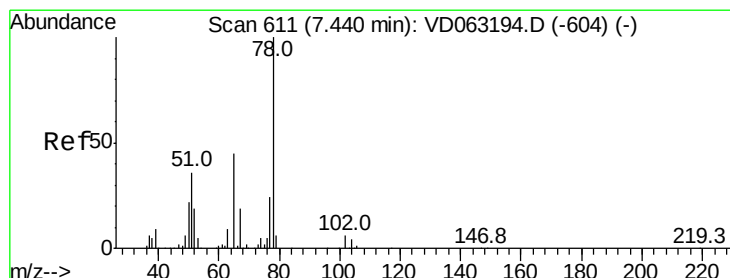
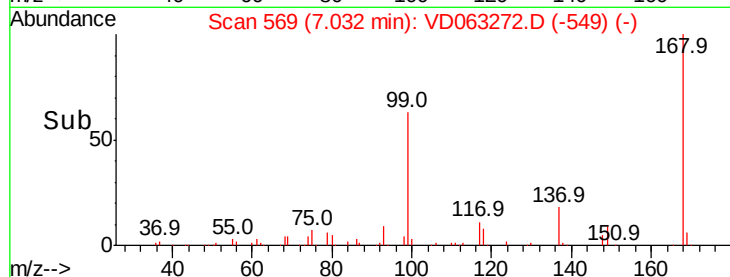
200000

100000

0

6.90 7.00 7.10 7.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 38.955 ug/l

RT: 7.45 min Scan# 611

Delta R.T. 0.01 min

Lab File: VD063272.D

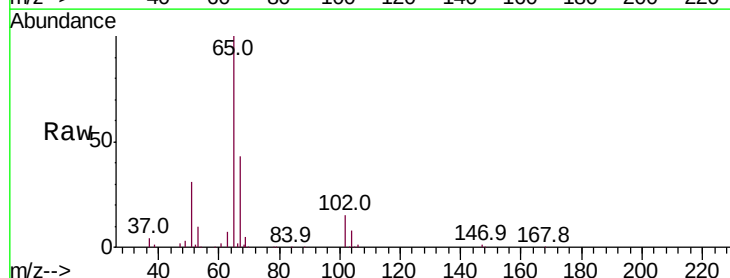
Acq: 31 Jul 2019 12:10

Tgt Ion: 65 Resp: 447259

Ion Ratio Lower Upper

65 100

67 43.2 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

150000

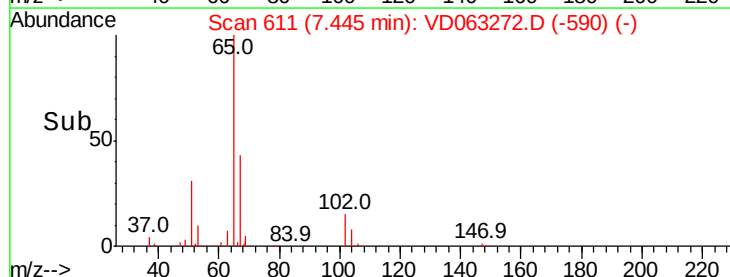
100000

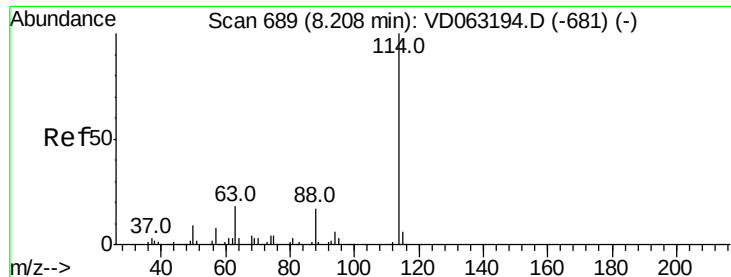
50000

0

7.30 7.40 7.50 7.60

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. 0.01 min

Lab File: VD063272.D

Acq: 31 Jul 2019 12:10

Instrument :

MSVOA_D

ClientSampleId :

HD-01-073019

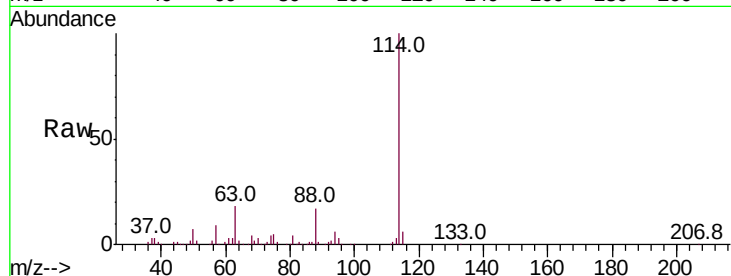
Tot Ion:114 Resp: 1456442

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.2

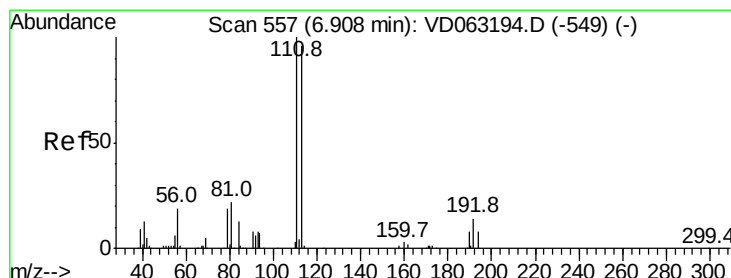
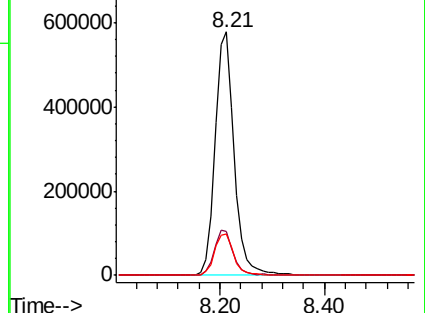
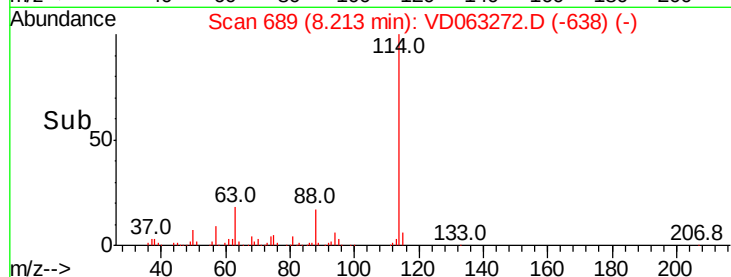
88 17.0 0.0 34.6



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



#35

Dibromofluoromethane

Concen: 39.719 ug/l

RT: 6.91 min Scan# 557

Delta R.T. 0.01 min

Lab File: VD063272.D

Acq: 31 Jul 2019 12:10

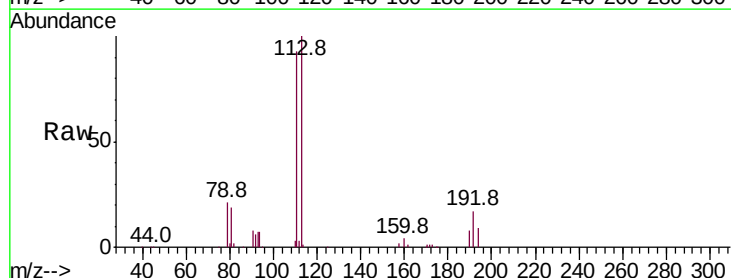
Tgt Ion:113 Resp: 493900

Ion Ratio Lower Upper

113 100

111 93.4 83.2 124.8

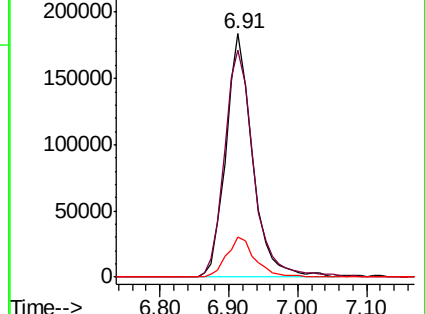
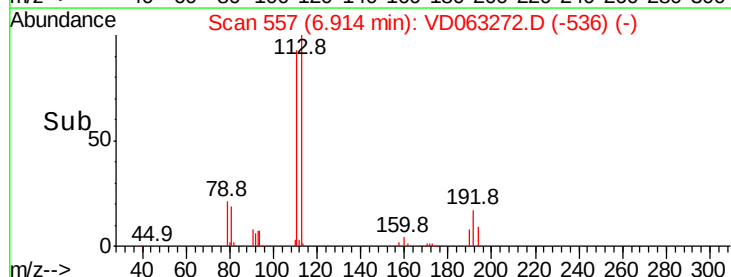
192 16.7 11.8 17.8

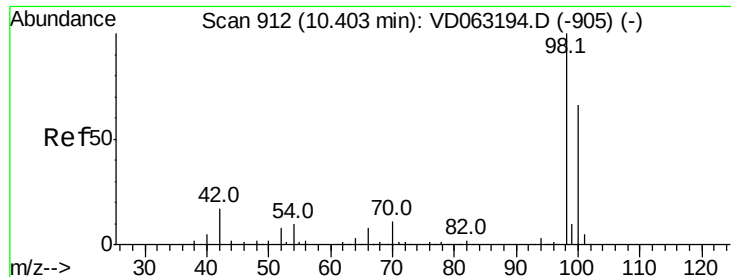


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

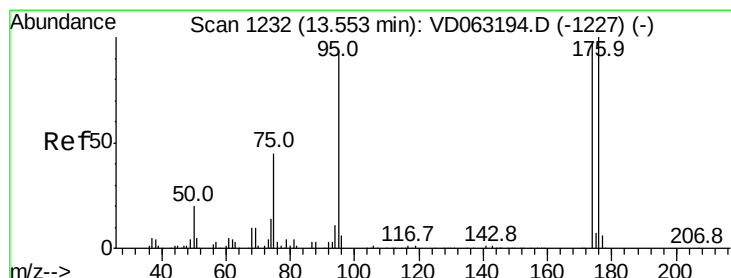
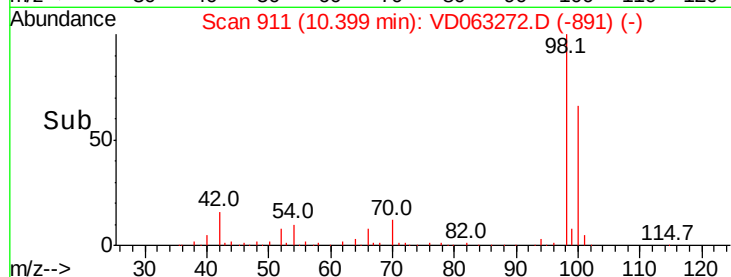
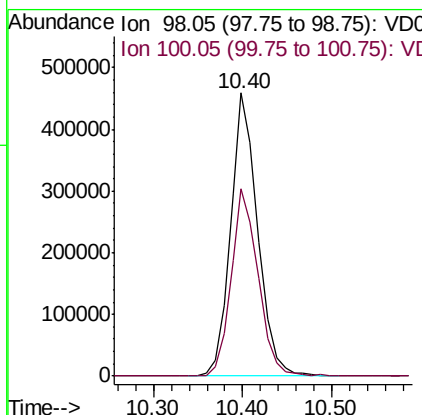
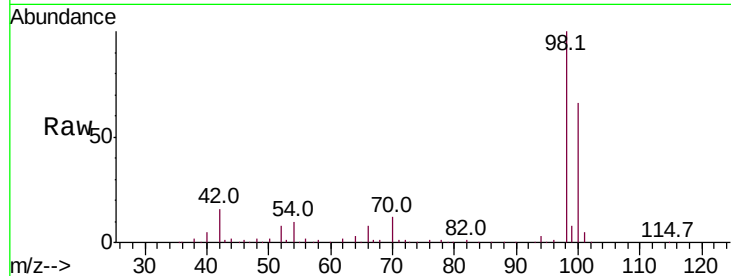




#50
Toluene-d8
Concen: 34.933 ug/l
RT: 10.40 min Scan# 911
Delta R.T. -0.00 min
Lab File: VD063272.D
Acq: 31 Jul 2019 12:10

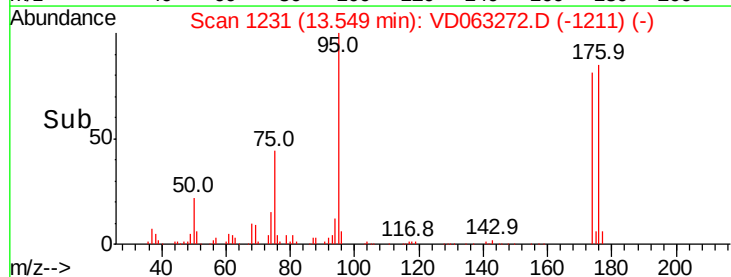
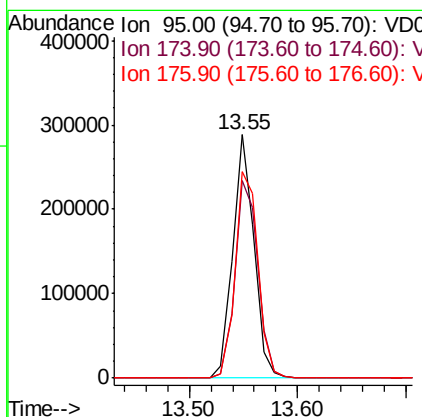
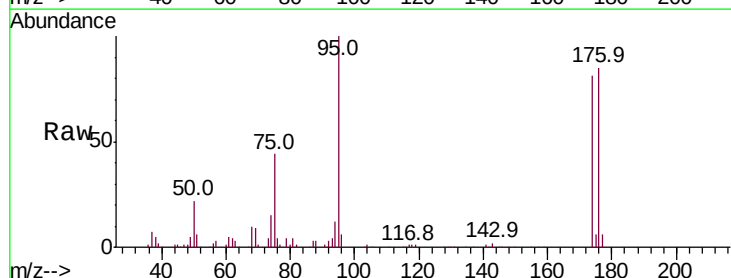
Instrument :
MSVOA_D
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HD-01-073019

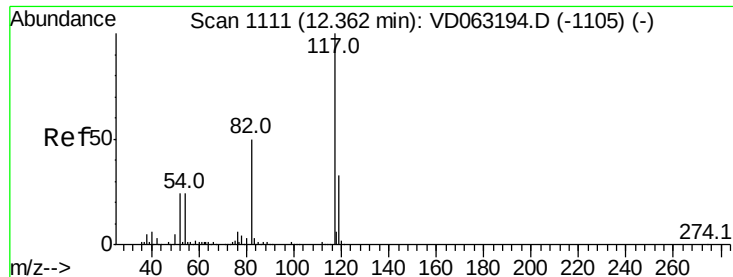
Tot Ion: 98 Resp: 972165
Ion Ratio Lower Upper
98 100
100 66.0 53.2 79.8



#62
4-Bromofluorobenzene
Concen: 31.115 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VD063272.D
Acq: 31 Jul 2019 12:10

Tgt Ion: 95 Resp: 394591
Ion Ratio Lower Upper
95 100
174 81.2 0.0 205.4
176 85.0 0.0 211.8

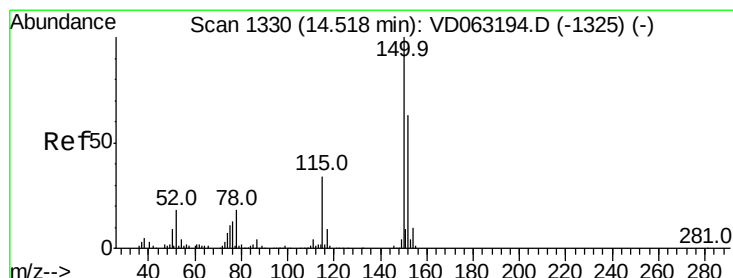
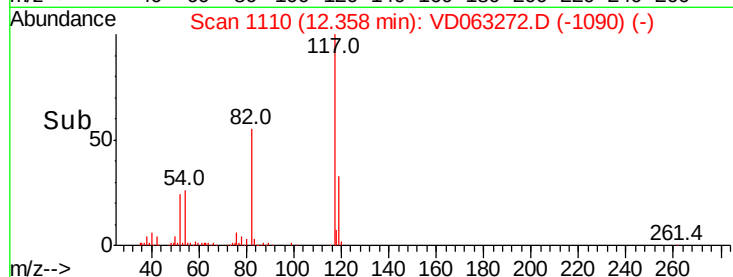
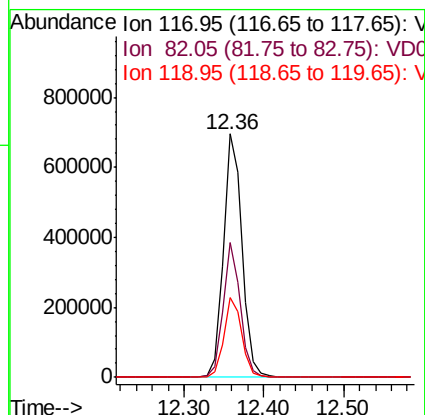
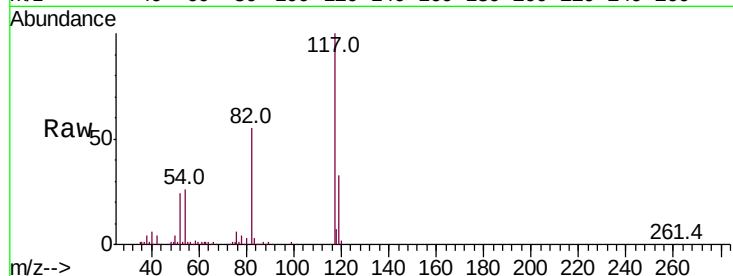




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD063272.D
Acq: 31 Jul 2019 12:10

Instrument :
MSVOA_D
ClientSampleId :
HD-01-073019

Tot Ion:117 Resp: 1147554
Ion Ratio Lower Upper
117 100
82 55.4 40.1 60.1
119 32.6 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD063272.D
Acq: 31 Jul 2019 12:10

Tgt Ion:152 Resp: 471741
Ion Ratio Lower Upper
152 100
115 56.4 27.5 82.4
150 154.7 0.0 320.6

