

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062519\
 Data File : VD062902.D
 Acq On : 26 Jun 2019 4:24
 Operator : VA/AP
 Sample : K3528-07
 Misc : 5.08g/5ml/MSVOA D/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-09-9.5-10.0

Quant Time: Jun 26 07:34:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	676483	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	984345	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	793637	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	405336	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	427202	58.10	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	116.20%	
35) Dibromofluoromethane	6.92	113	457579	55.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.26%	
50) Toluene-d8	10.41	98	954696	52.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.70%	
62) 4-Bromofluorobenzene	13.55	95	434685	52.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.84%	

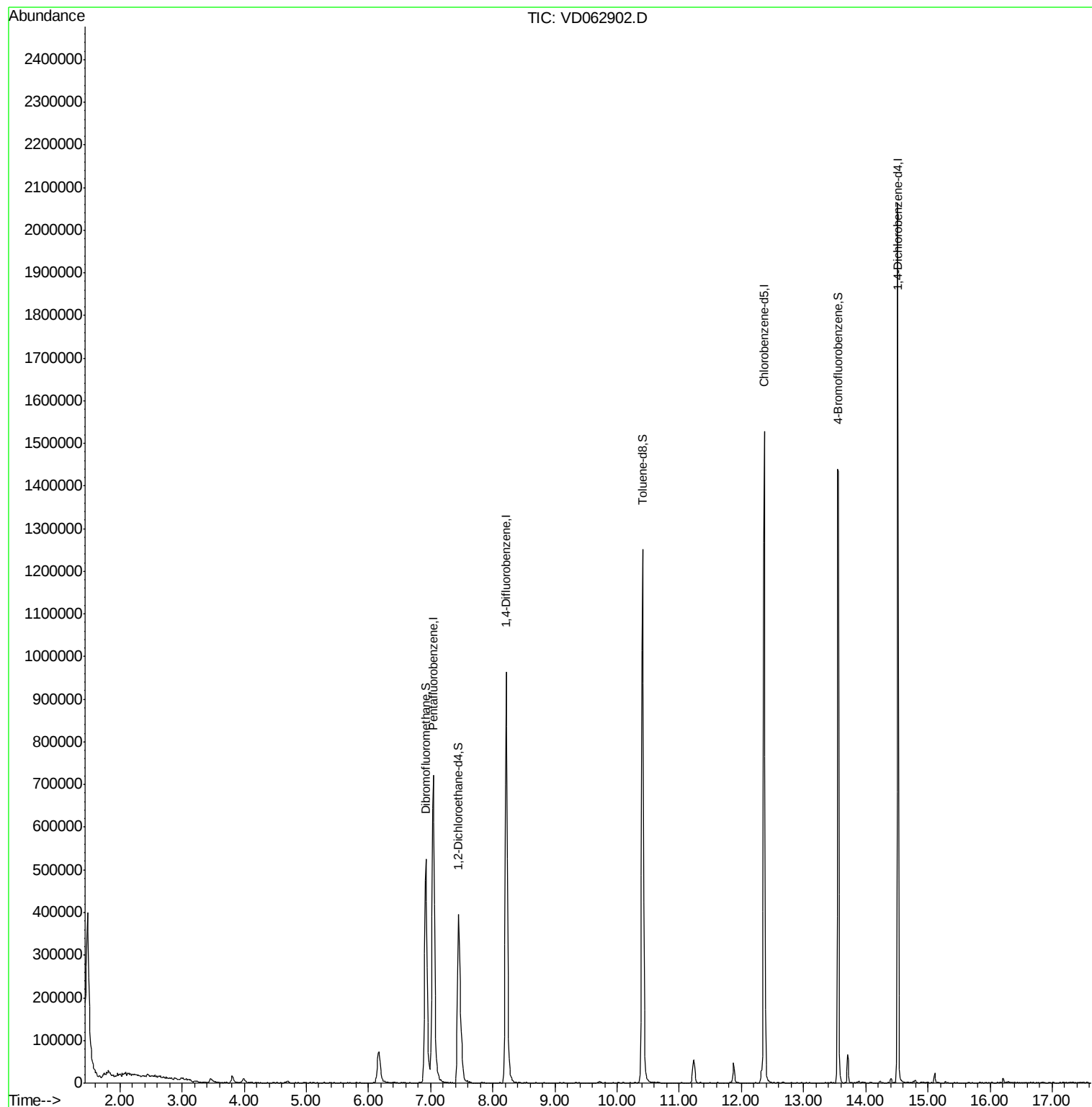
Target Compounds	Qvalue

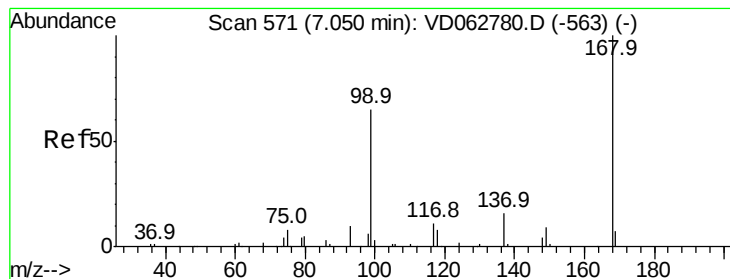
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD062902.D

Acq: 26 Jun 2019 4:24

Instrument :

MSVOA_D

ClientSampleId :

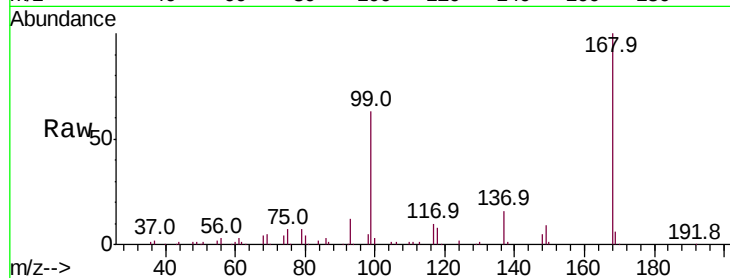
SB-09-9.5-10.0

Tot Ion:168 Resp: 676483

Ion Ratio Lower Upper

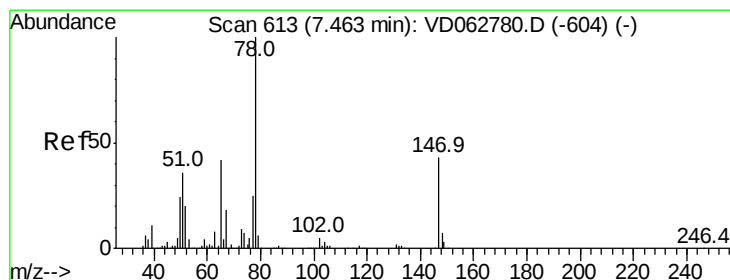
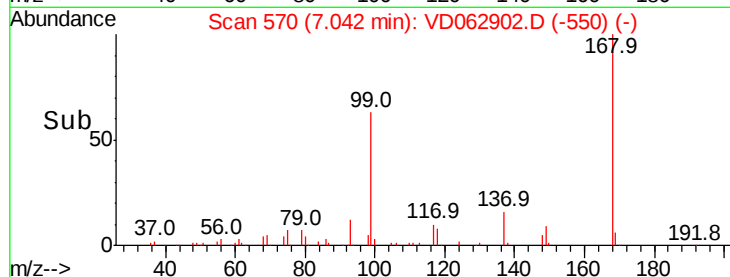
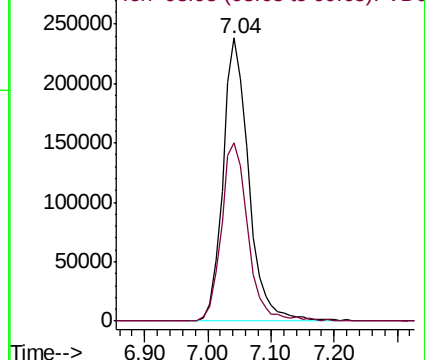
168 100

99 62.9 53.0 79.6



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: 58.097 ug/l

RT: 7.45 min Scan# 611

Delta R.T. -0.02 min

Lab File: VD062902.D

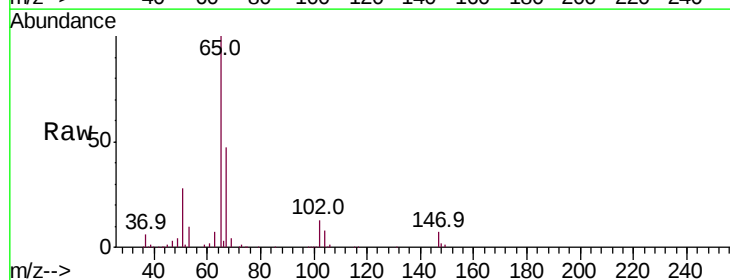
Acq: 26 Jun 2019 4:24

Tgt Ion: 65 Resp: 427202

Ion Ratio Lower Upper

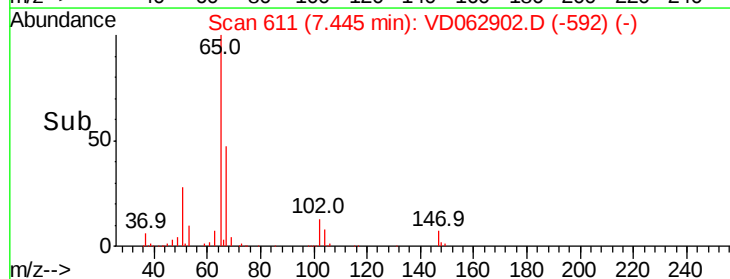
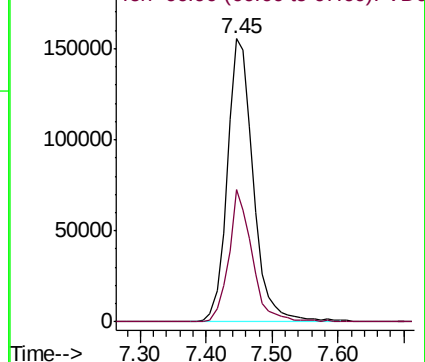
65 100

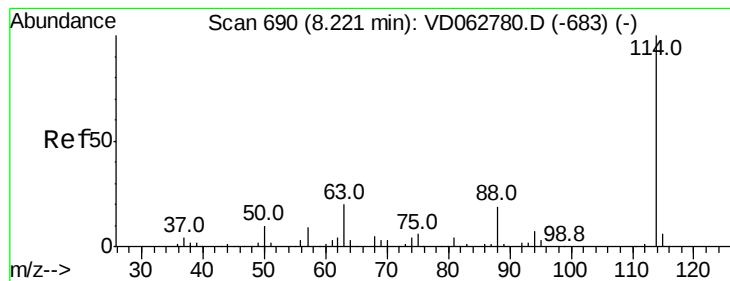
67 46.6 0.0 87.4



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: 8.21 min Scan# 689

Delta R.T. -0.01 min

Lab File: VD062902.D

Acq: 26 Jun 2019 4:24

Instrument :

MSVOA_D

ClientSampleId :

SB-09-9.5-10.0

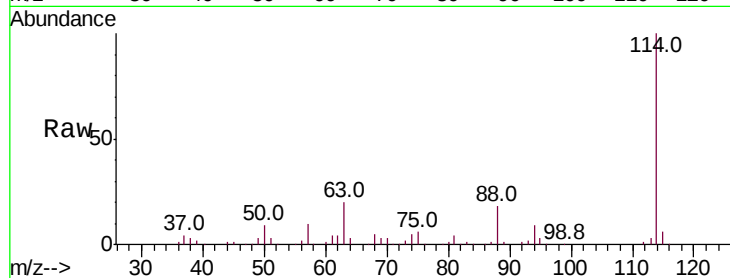
Tot Ion:114 Resp: 984345

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.0

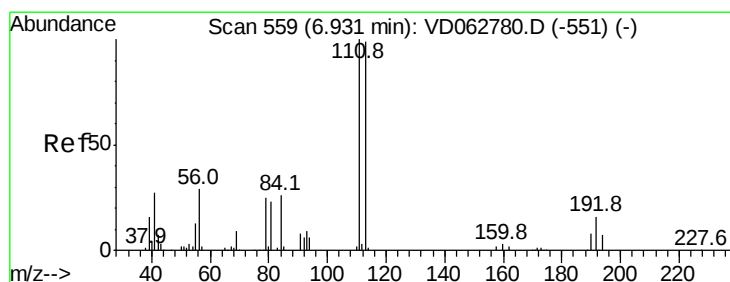
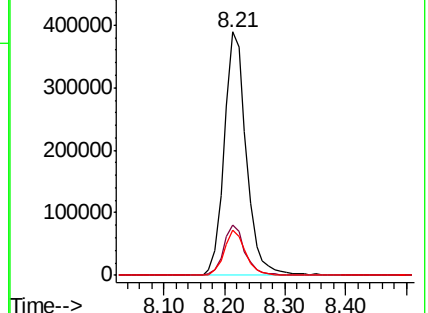
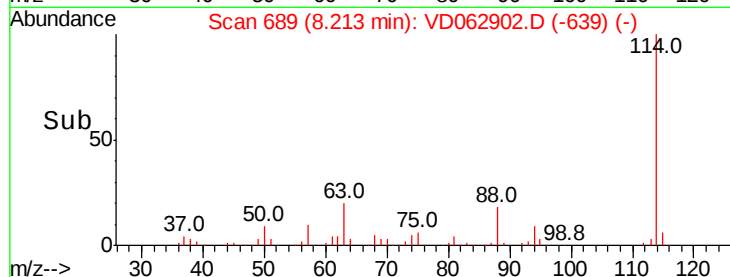
88 18.5 0.0 38.8



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: 55.130 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD062902.D

Acq: 26 Jun 2019 4:24

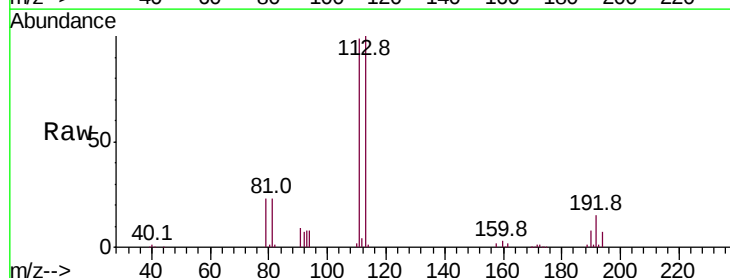
Tgt Ion:113 Resp: 457579

Ion Ratio Lower Upper

113 100

111 98.6 81.2 121.8

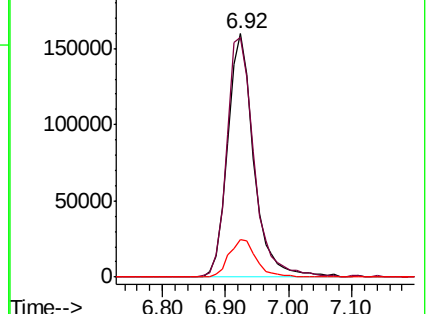
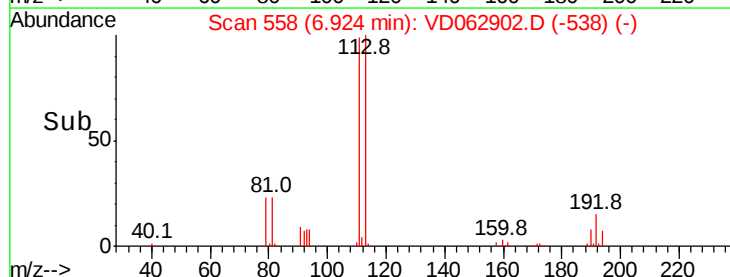
192 15.4 12.9 19.3

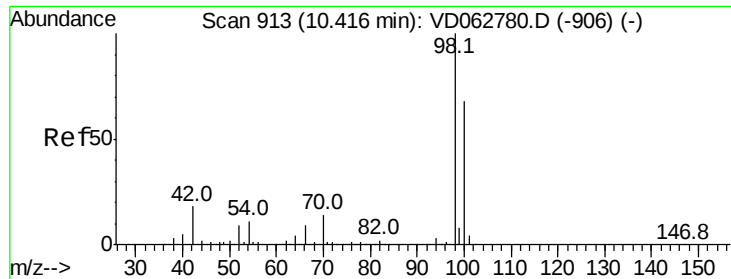


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

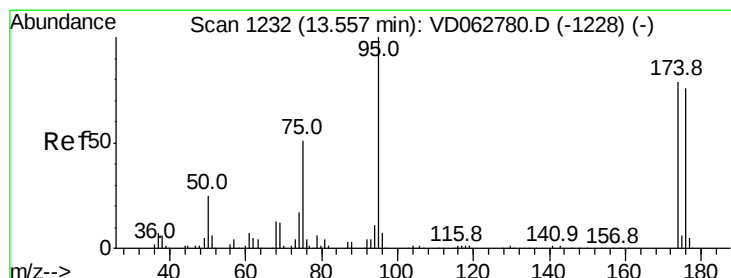
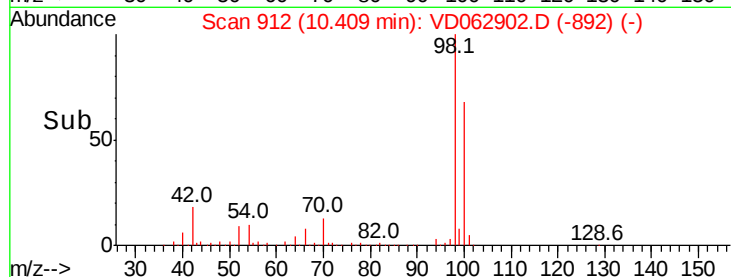
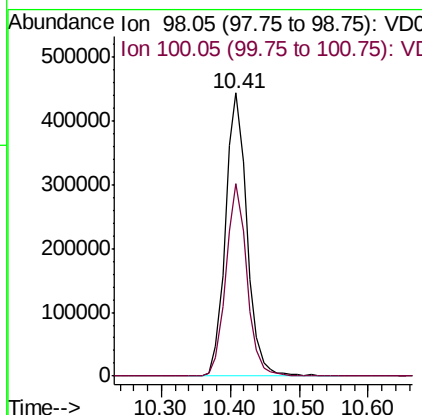
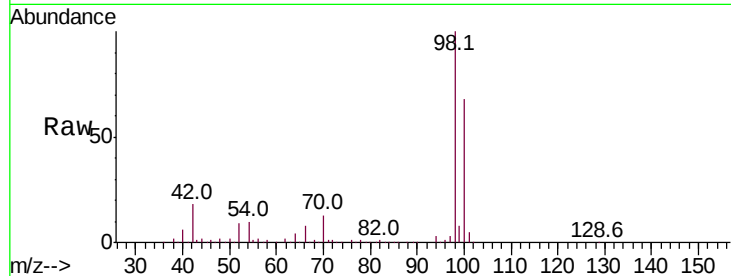




#50
Toluene-d8
Concen: 52.849 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD062902.D
Acq: 26 Jun 2019 4:24

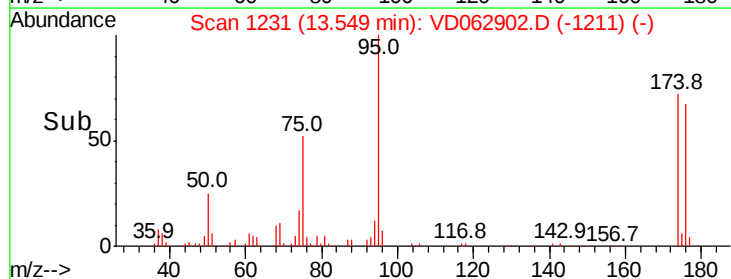
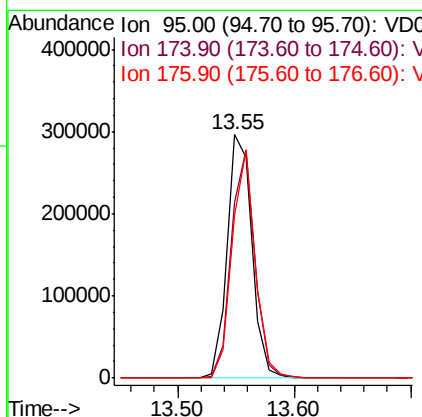
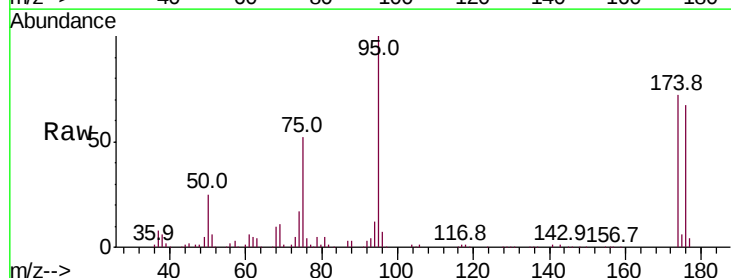
Instrument :
MSVOA_D
ClientSampleId :
SB-09-9.5-10.0

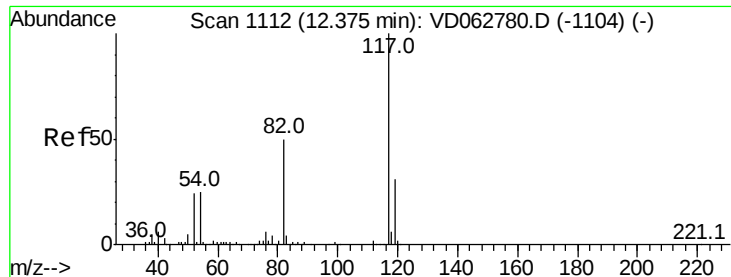
Tot Ion: 98 Resp: 954696
Ion Ratio Lower Upper
98 100
100 67.9 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 52.920 ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD062902.D
Acq: 26 Jun 2019 4:24

Tgt Ion: 95 Resp: 434685
Ion Ratio Lower Upper
95 100
174 72.1 0.0 158.0
176 66.8 0.0 151.6

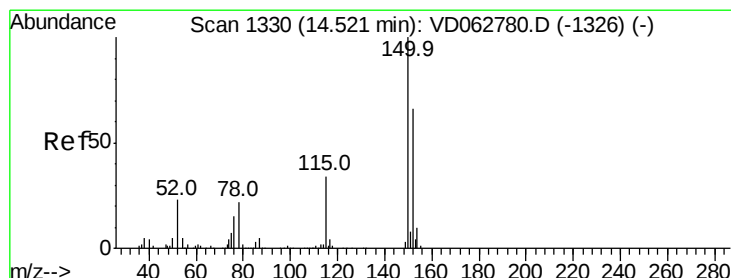
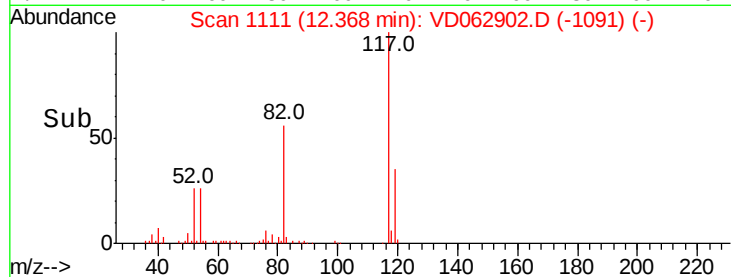
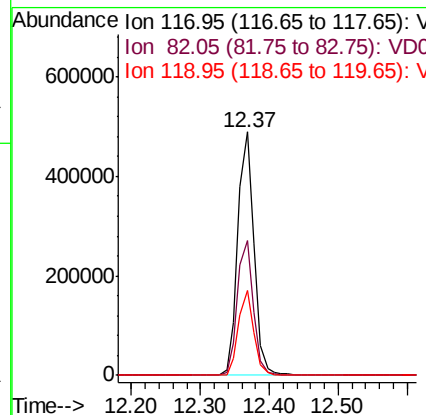
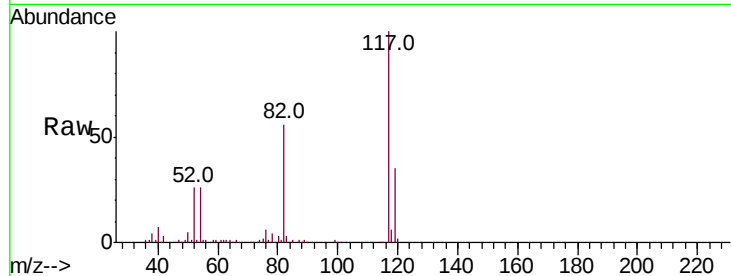




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD062902.D
Acq: 26 Jun 2019 4:24

Instrument :
MSVOA_D
ClientSampleId :
SB-09-9.5-10.0

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.5	40.4	60.6
119	34.9	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD062902.D
Acq: 26 Jun 2019 4:24

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.7	29.2	87.6
150	156.6	0.0	305.8

