

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062519\
 Data File : VD062900.D
 Acq On : 26 Jun 2019 3:30
 Operator : VA/AP
 Sample : K3528-03
 Misc : 5.06g/5ml/MSVOA D/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-07-9.5-10.0

Quant Time: Jun 26 07:31:26 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	7.05	168	730580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1009980	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	830610	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	428756	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	382251	48.13	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	96.26%	
35) Dibromofluoromethane	6.93	113	425327	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
50) Toluene-d8	10.42	98	836419	45.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.26%	
62) 4-Bromofluorobenzene	13.56	95	387898	46.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.04%	

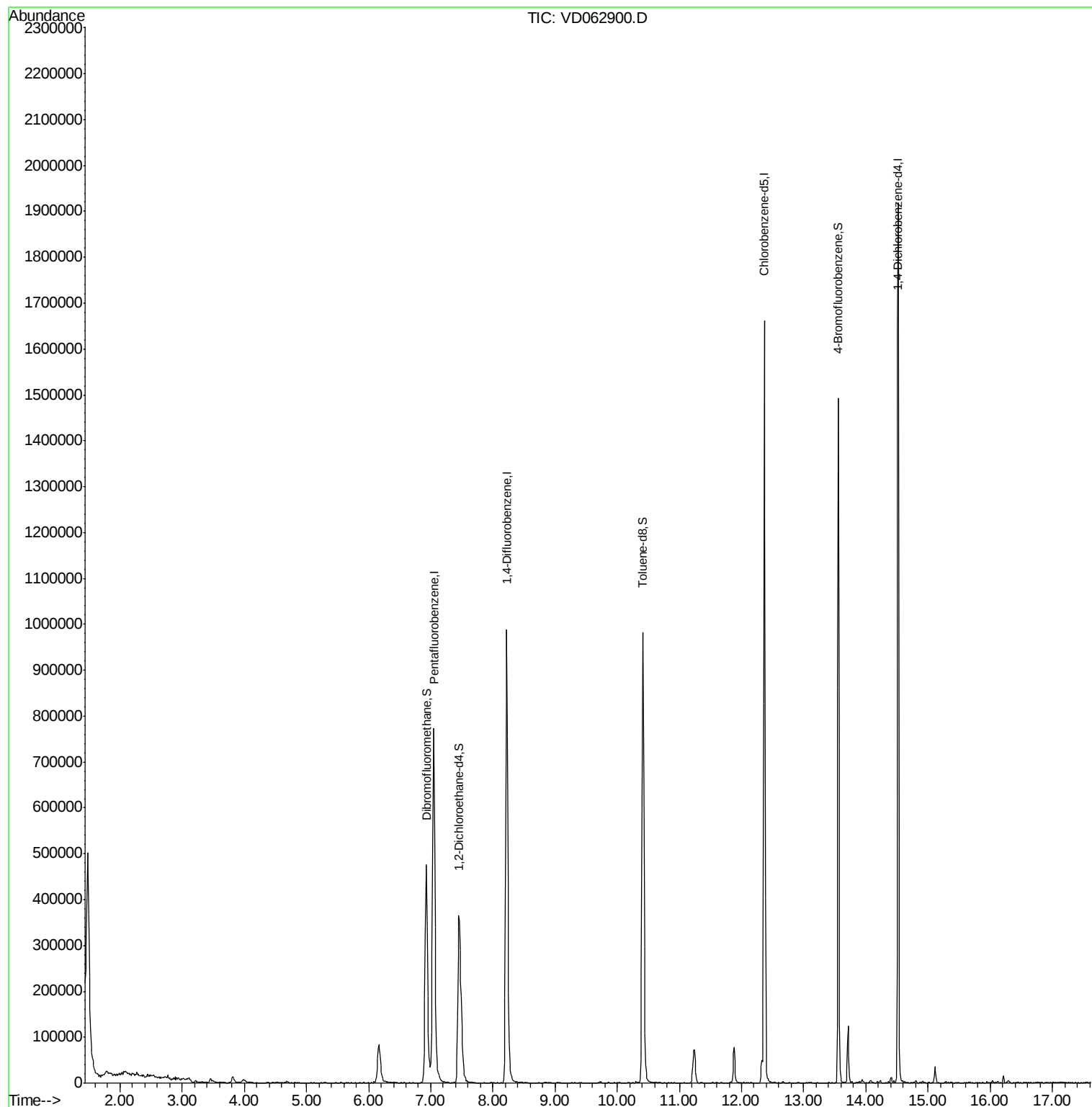
Target Compounds	Qvalue

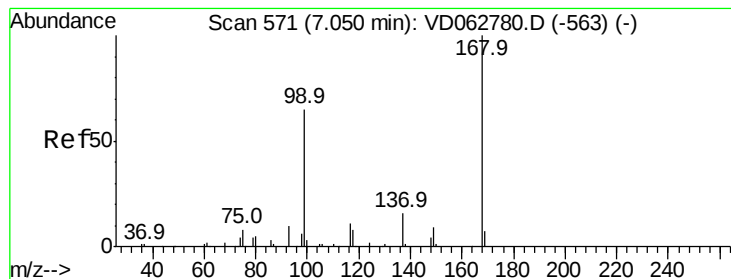
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 20 01:50:56 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.00 min

Lab File: VD062900.D

Acq: 26 Jun 2019 3:30

Instrument :

MSVOA_D

ClientSampleId :

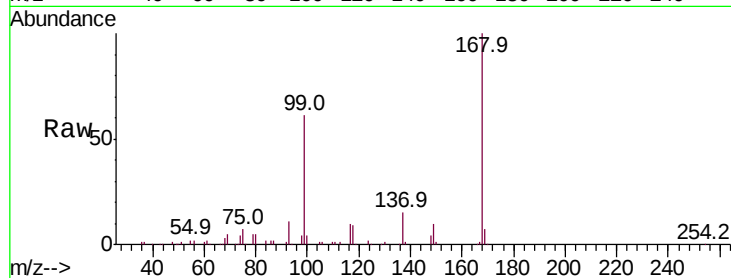
SB-07-9.5-10.0

Tot Ion:168 Resp: 730580

Ion Ratio Lower Upper

168 100

99 61.3 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

250000

200000

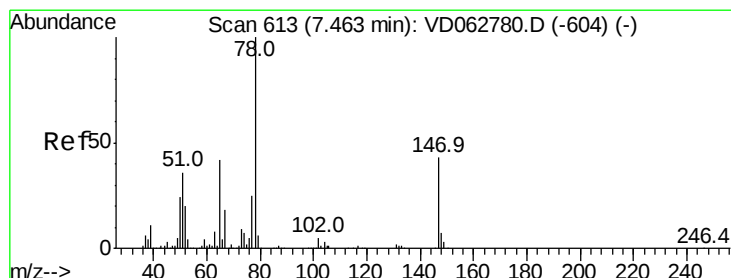
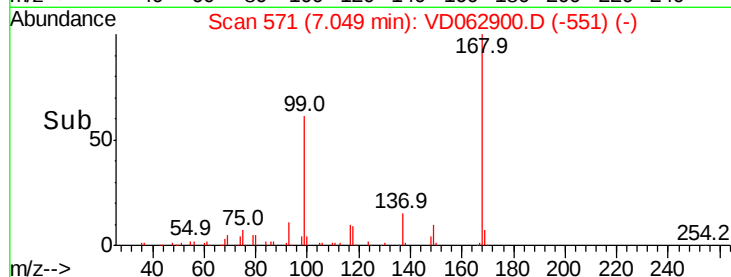
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.135 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD062900.D

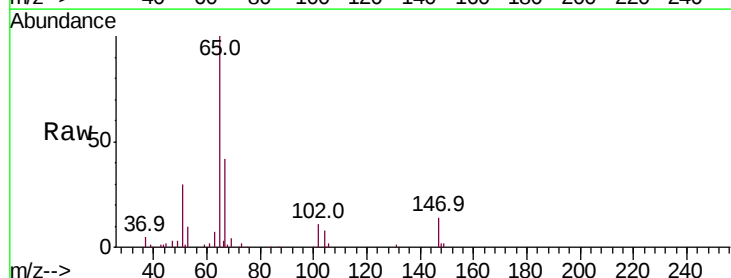
Acq: 26 Jun 2019 3:30

Tgt Ion: 65 Resp: 382251

Ion Ratio Lower Upper

65 100

67 42.3 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

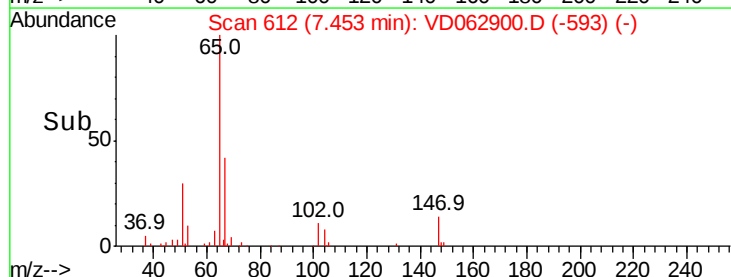
150000

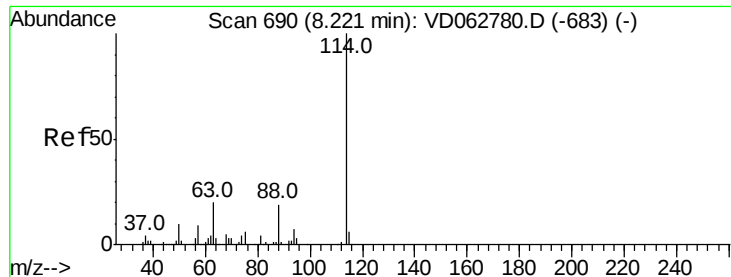
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. -0.00 min

Lab File: VD062900.D

Acq: 26 Jun 2019 3:30

Instrument :

MSVOA_D

ClientSampleId :

SB-07-9.5-10.0

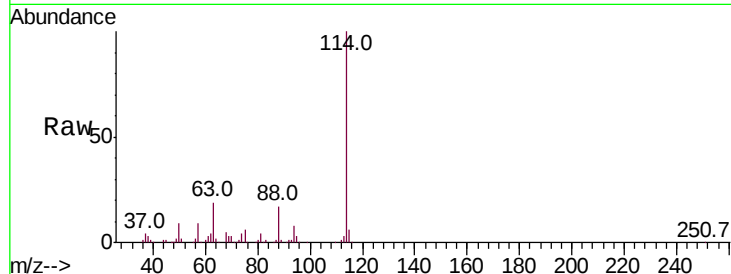
Tot Ion:114 Resp: 1009980

Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.0

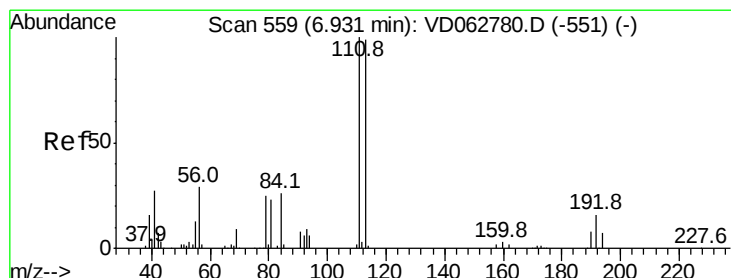
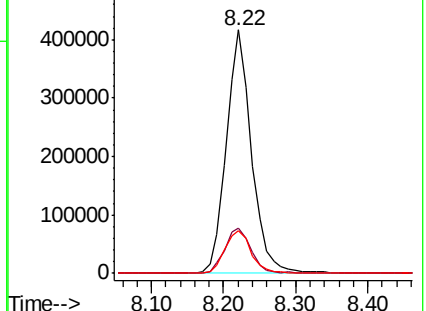
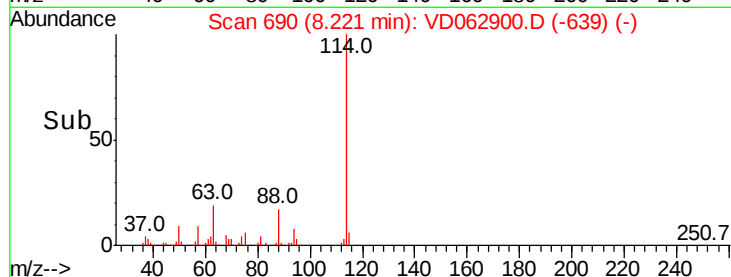
88 17.3 0.0 38.8



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: 49.944 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.00 min

Lab File: VD062900.D

Acq: 26 Jun 2019 3:30

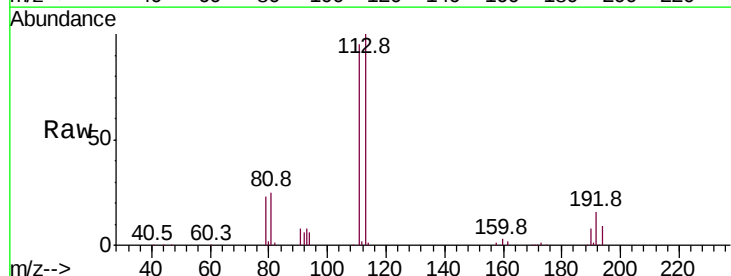
Tgt Ion:113 Resp: 425327

Ion Ratio Lower Upper

113 100

111 95.3 81.2 121.8

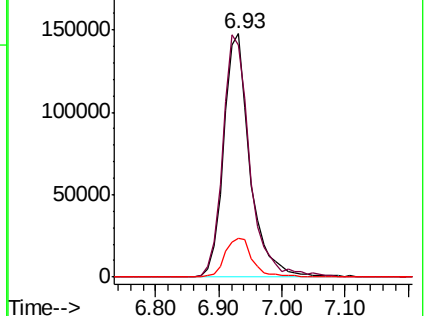
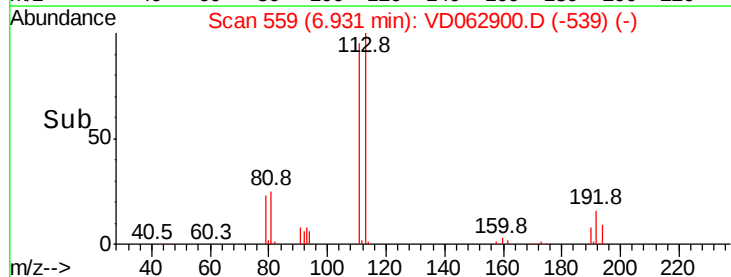
192 16.0 12.9 19.3

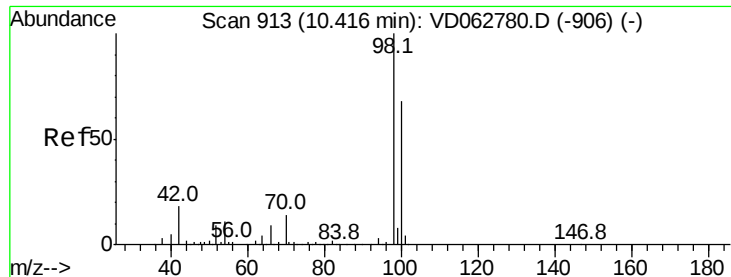


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

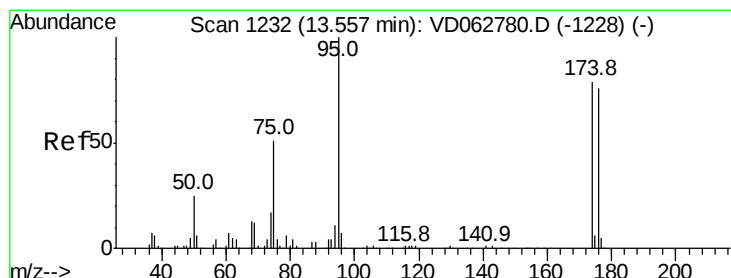
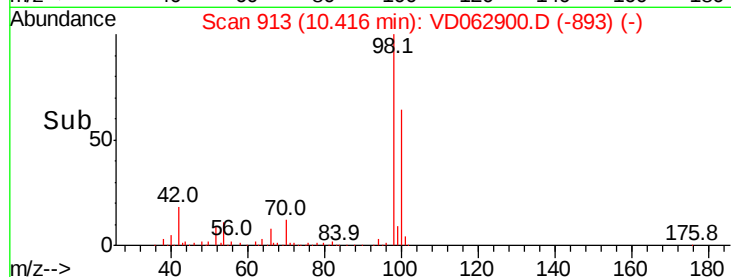
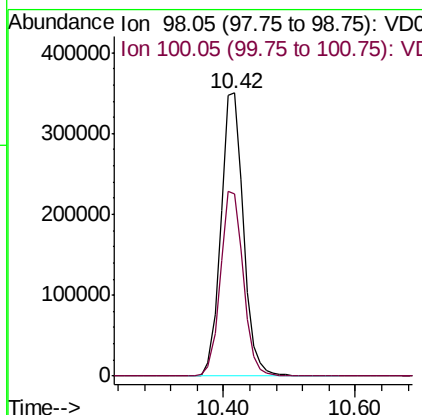
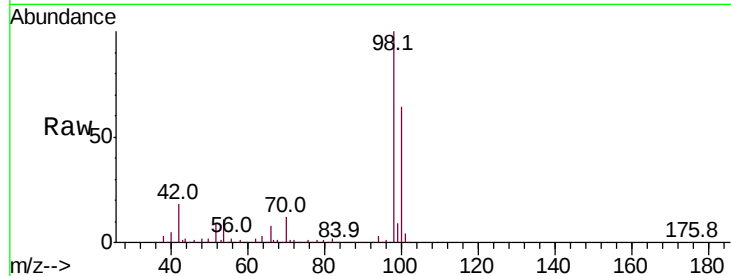




#50
Toluene-d8
Concen: 45.127 ug/l
RT: 10.42 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD062900.D
Acq: 26 Jun 2019 3:30

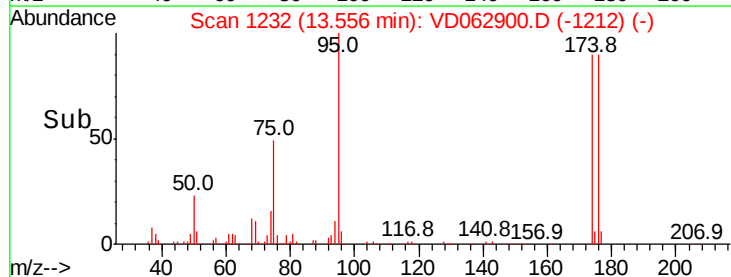
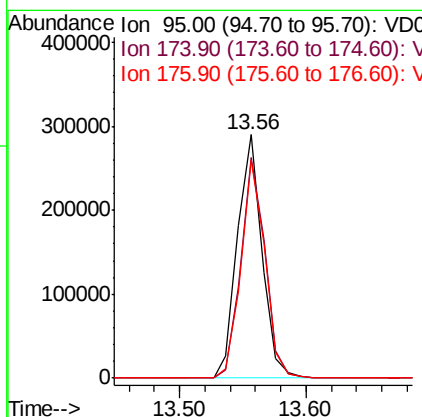
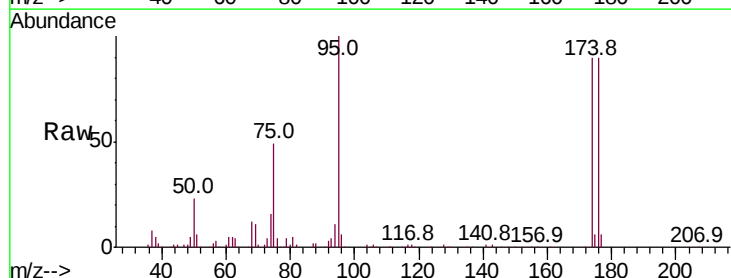
Instrument :
MSVOA_D
ClientSampleId :
SB-07-9.5-10.0

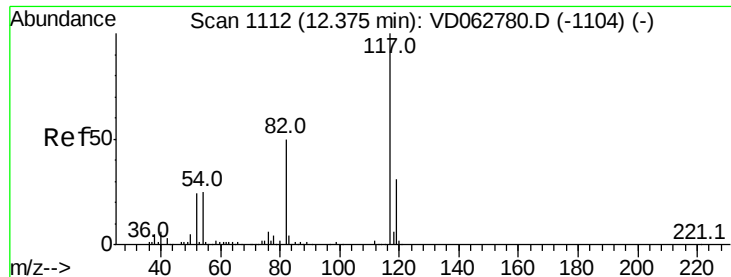
Tot Ion: 98 Resp: 836419
Ion Ratio Lower Upper
98 100
100 64.2 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 46.025 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD062900.D
Acq: 26 Jun 2019 3:30

Tgt Ion: 95 Resp: 387898
Ion Ratio Lower Upper
95 100
174 90.4 0.0 158.0
176 89.5 0.0 151.6

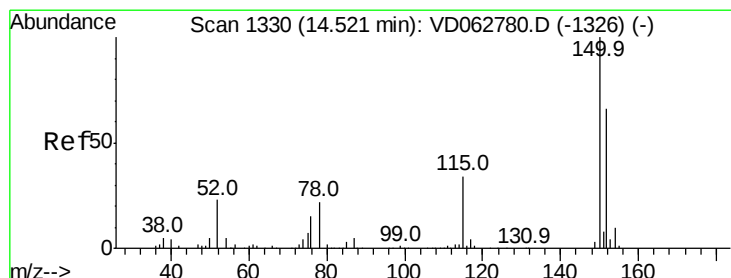
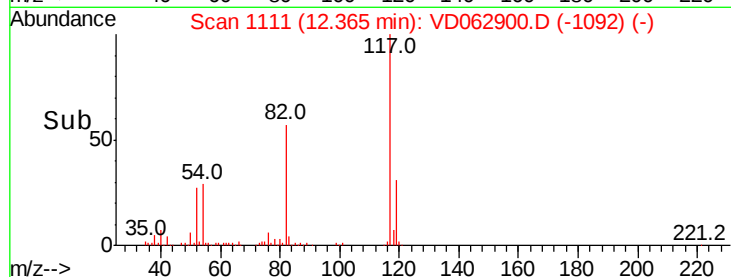
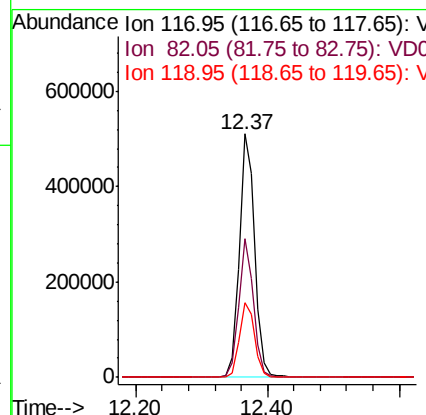
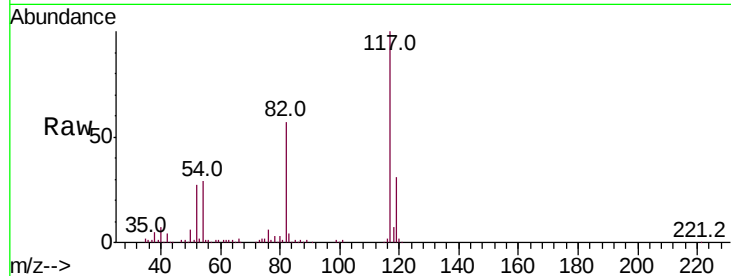




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD062900.D
Acq: 26 Jun 2019 3:30

Instrument :
MSVOA_D
ClientSampleId :
SB-07-9.5-10.0

Tot Ion:117 Resp: 830610
Ion Ratio Lower Upper
117 100
82 56.9 40.4 60.6
119 30.7 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD062900.D
Acq: 26 Jun 2019 3:30

Tgt Ion:152 Resp: 428756
Ion Ratio Lower Upper
152 100
115 56.1 29.2 87.6
150 157.4 0.0 305.8

