

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062119\
 Data File : VD062811.D
 Acq On : 21 Jun 2019 12:53
 Operator : VA/AP
 Sample : K3159-07
 Misc : 6.08g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-061919-B

Quant Time: Jun 22 04:37:02 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

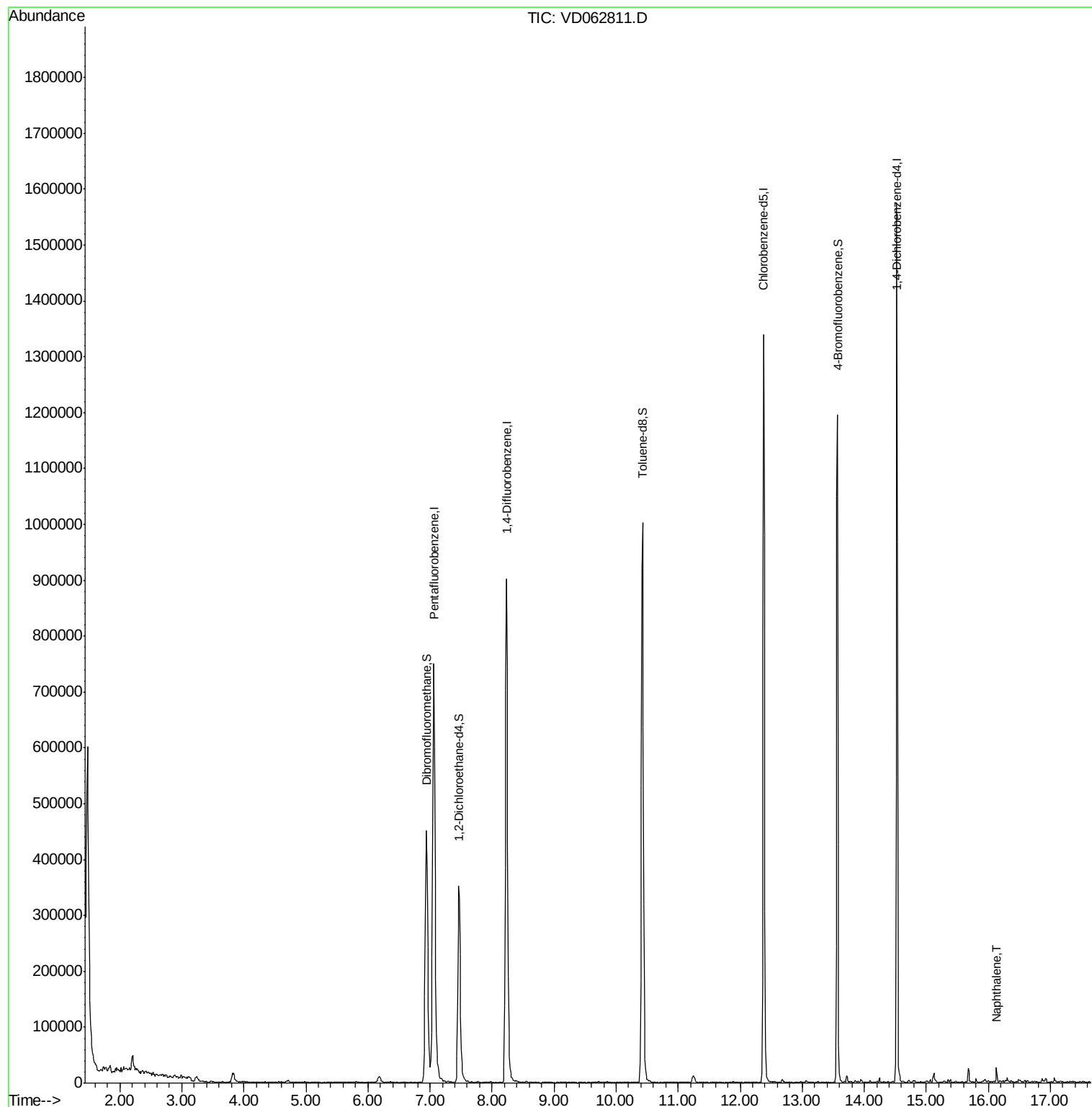
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	718664	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.23	114	913144	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.38	117	691791	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	322326	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	419079	53.65	ug/l	0.01
Spiked Amount 50.000			Recovery	=	107.30%	
35) Dibromofluoromethane	6.94	113	421358	54.72	ug/l	0.01
Spiked Amount 50.000			Recovery	=	109.44%	
50) Toluene-d8	10.43	98	796146	47.51	ug/l	0.01
Spiked Amount 50.000			Recovery	=	95.02%	
62) 4-Bromofluorobenzene	13.57	95	343609	45.09	ug/l	0.01
Spiked Amount 50.000			Recovery	=	90.18%	
Target Compounds						
95) Naphthalene	16.13	128	15145	1.622	ug/l #	Qvalue 88

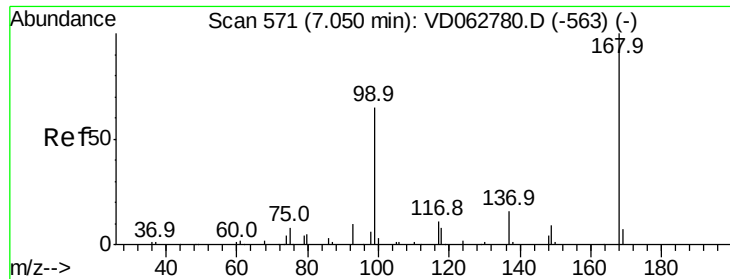
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.01 min

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Acq: 21 Jun 2019 12:53

Instrument :

MSVOA_D

ClientSampleId :

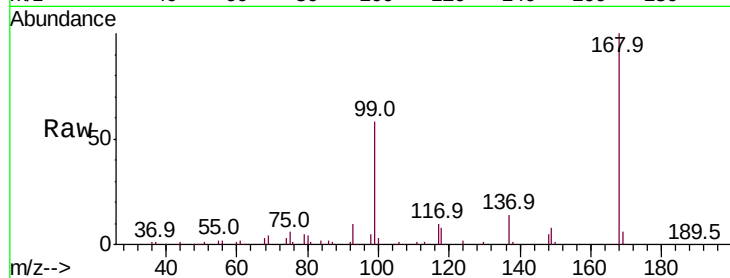
OR-02-061919-B

Tot Ion:168 Resp: 718664

Ion Ratio Lower Upper

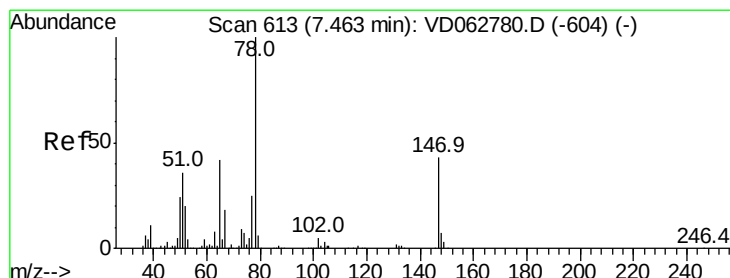
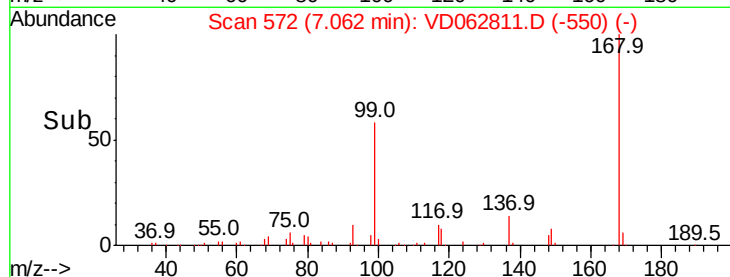
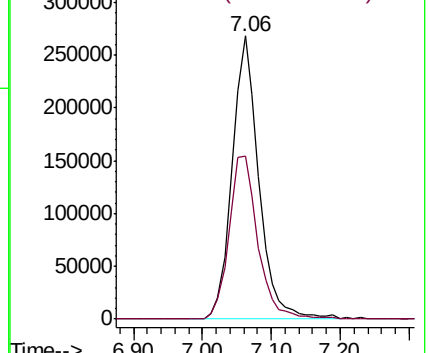
168 100

99 57.5 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: 53.647 ug/l

RT: 7.48 min Scan# 614

Delta R.T. 0.01 min

Lab File: VD062811.D

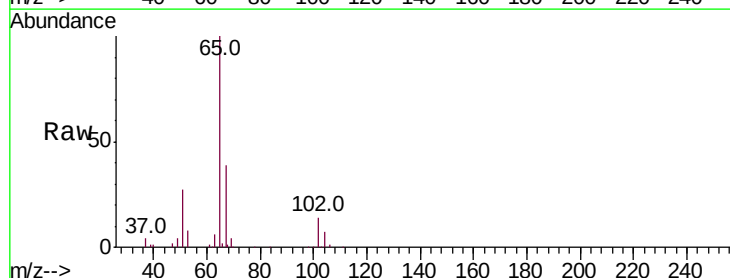
Acq: 21 Jun 2019 12:53

Tgt Ion: 65 Resp: 419079

Ion Ratio Lower Upper

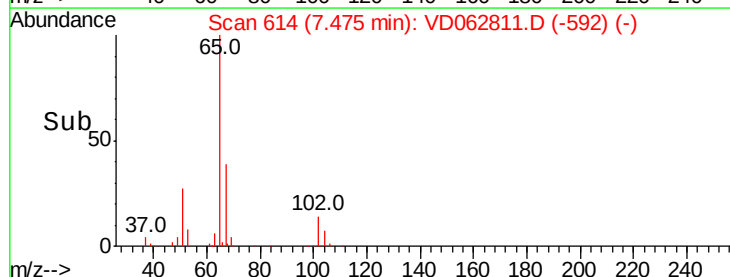
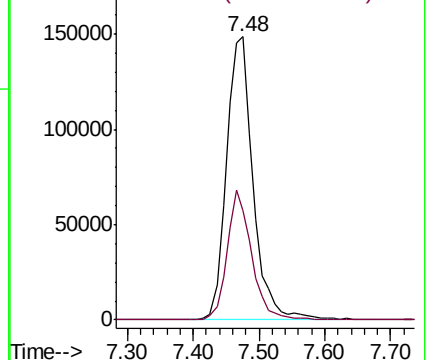
65 100

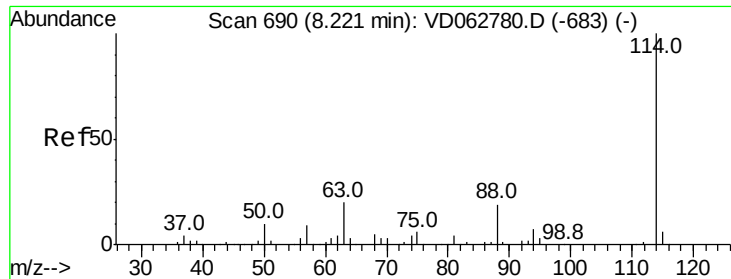
67 38.6 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

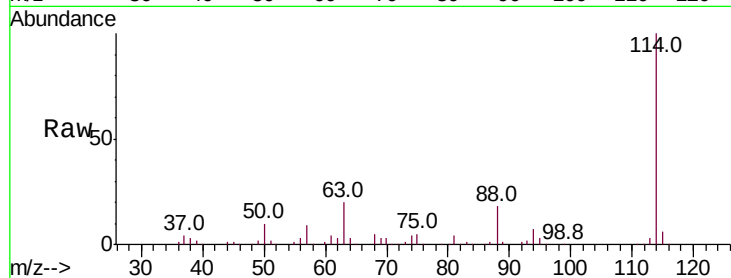




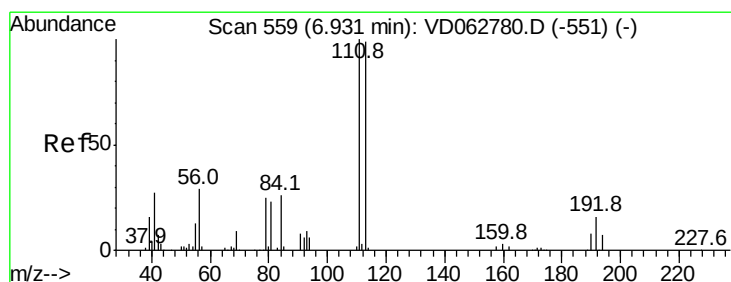
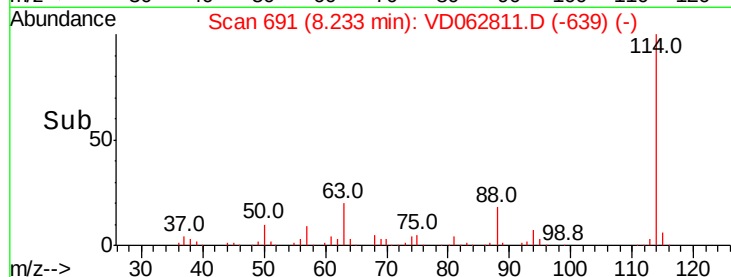
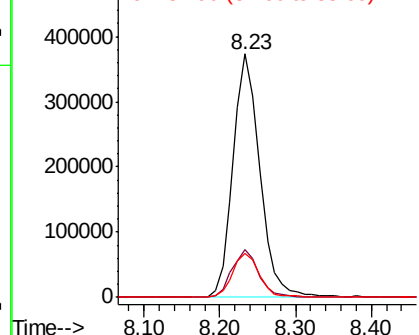
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD062811.D
 Acq: 21 Jun 2019 12:53

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-061919-B

Tot Ion:114 Resp: 913144
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 18.0 0.0 38.8

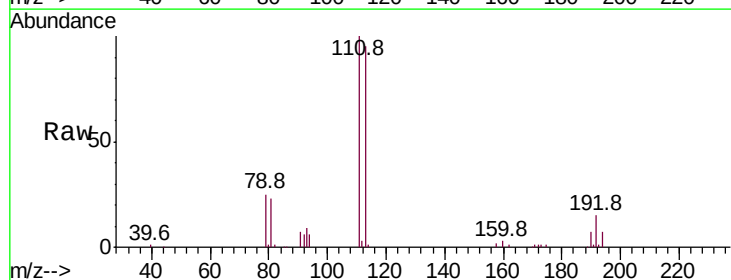


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

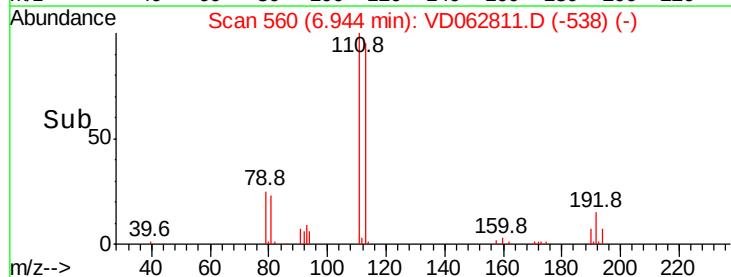
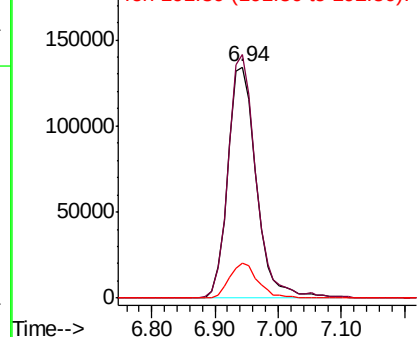


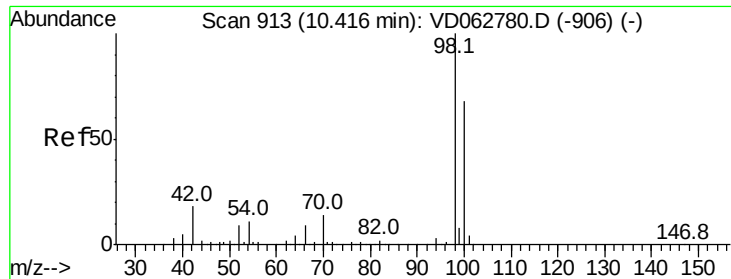
#35
 Dibromofluoromethane
 Concen: 54.725 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.01 min
 Lab File: VD062811.D
 Acq: 21 Jun 2019 12:53

Tgt Ion:113 Resp: 421358
 Ion Ratio Lower Upper
 113 100
 111 105.4 81.2 121.8
 192 15.3 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

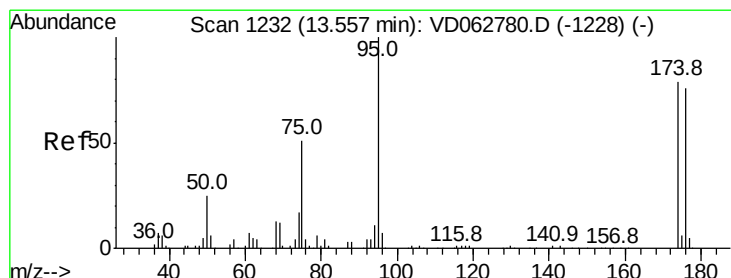
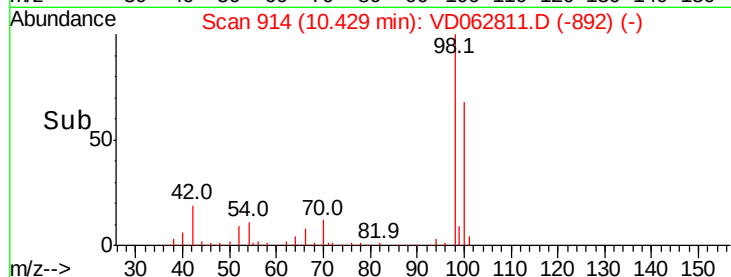
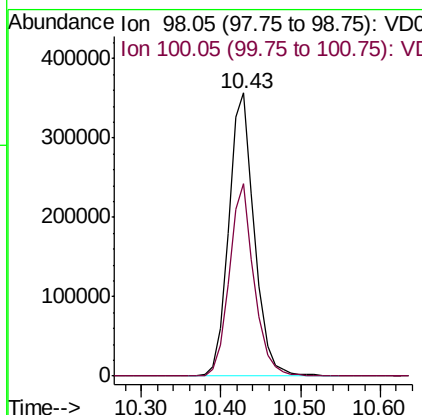
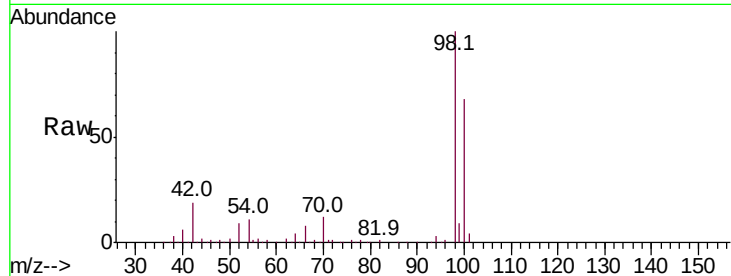




#50
Toluene-d8
Concen: 47.509 ug/l
RT: 10.43 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD062811.D
Acq: 21 Jun 2019 12:53

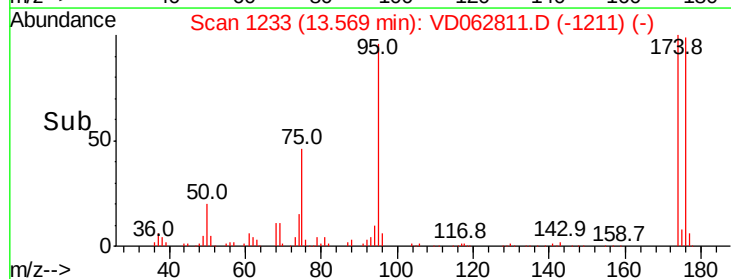
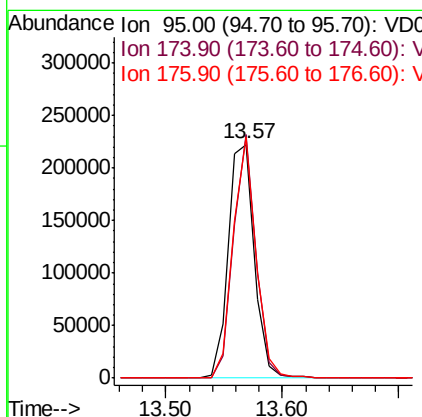
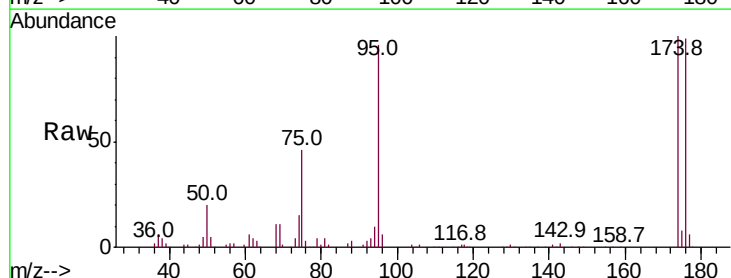
Instrument :
MSVOA_D
ClientSampleId :
OR-02-061919-B

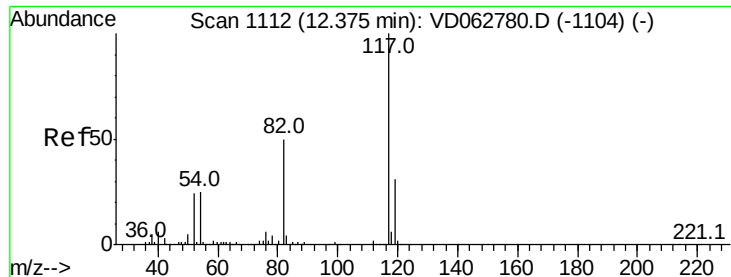
Tot Ion: 98 Resp: 796146
Ion Ratio Lower Upper
98 100
100 68.2 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 45.094 ug/l
RT: 13.57 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD062811.D
Acq: 21 Jun 2019 12:53

Tgt Ion: 95 Resp: 343609
Ion Ratio Lower Upper
95 100
174 104.3 0.0 158.0
176 103.2 0.0 151.6

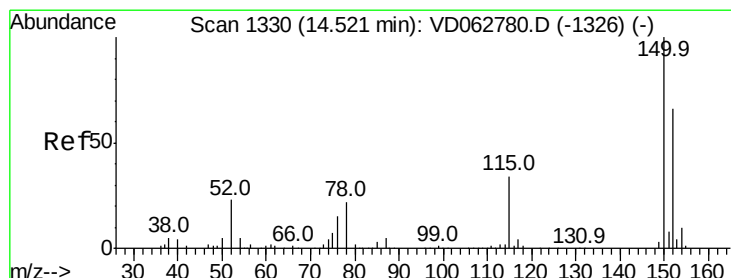
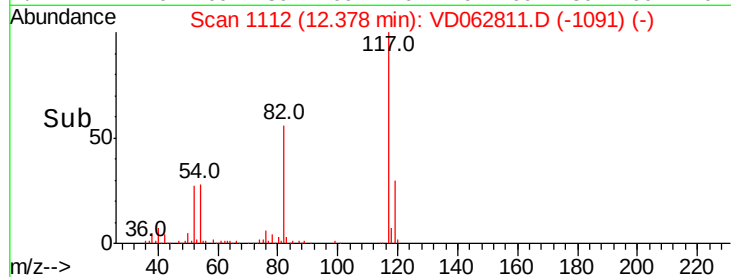
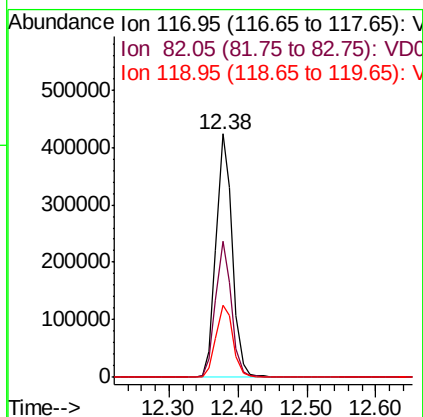
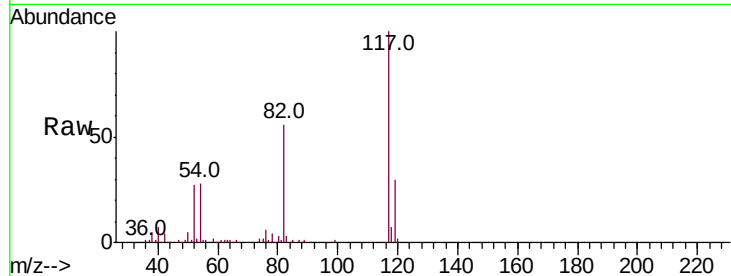




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD062811.D
Acq: 21 Jun 2019 12:53

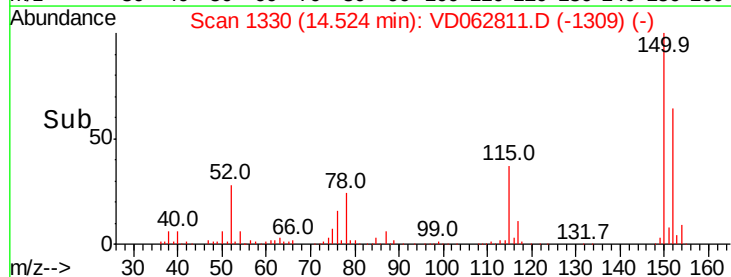
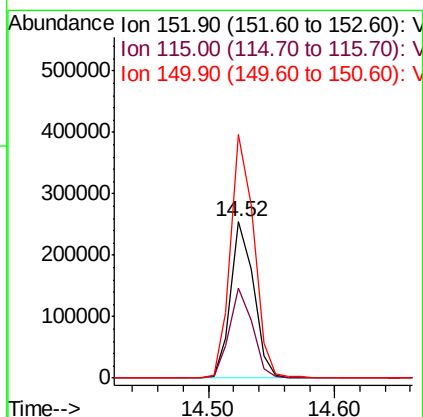
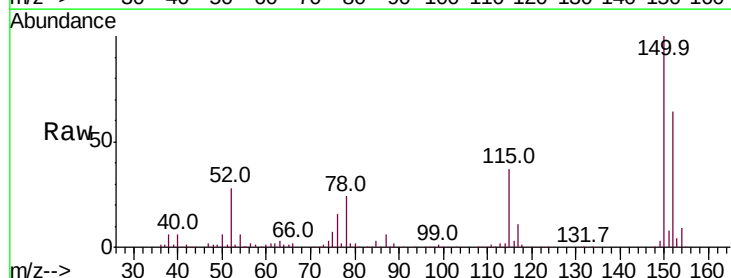
Instrument :
MSVOA_D
ClientSampleId :
OR-02-061919-B

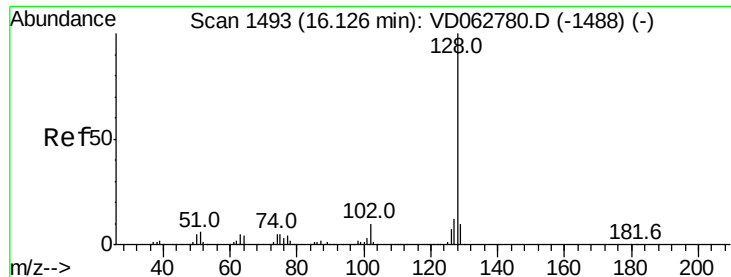
Tot Ion:117 Resp: 691791
Ion Ratio Lower Upper
117 100
82 55.7 40.4 60.6
119 29.7 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD062811.D
Acq: 21 Jun 2019 12:53

Tgt Ion:152 Resp: 322326
Ion Ratio Lower Upper
152 100
115 57.9 29.2 87.6
150 155.8 0.0 305.8





#95

Naphthalene

Concen: 1.622 ug/l

RT: 16.13 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VD062811.D

Acq: 21 Jun 2019 12:53

Instrument :

MSVOA_D

ClientSampleId :

OR-02-061919-B

Tot Ion:128 Resp: 15145

Ion Ratio Lower Upper

128 100

127 6.7 9.7 14.5#

129 6.8 8.3 12.5#

