

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062019\
 Data File : VD062798.D
 Acq On : 20 Jun 2019 17:10
 Operator : VA/AP
 Sample : K3159-05
 Misc : 7.22g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Jun 21 07:12:04 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	7.08	168	738849	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.25	114	1017773	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.39	117	715082	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.54	152	296845	50.00	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.49	65	404325	50.34	ug/l	0.03
Spiked Amount	50.000		Recovery	=	100.68%	
35) Dibromofluoromethane	6.96	113	420139	48.96	ug/l	0.03
Spiked Amount	50.000		Recovery	=	97.92%	
50) Toluene-d8	10.44	98	714183	38.24	ug/l	0.03
Spiked Amount	50.000		Recovery	=	76.48%	
62) 4-Bromofluorobenzene	13.57	95	340376	40.08	ug/l	0.02
Spiked Amount	50.000		Recovery	=	80.16%	

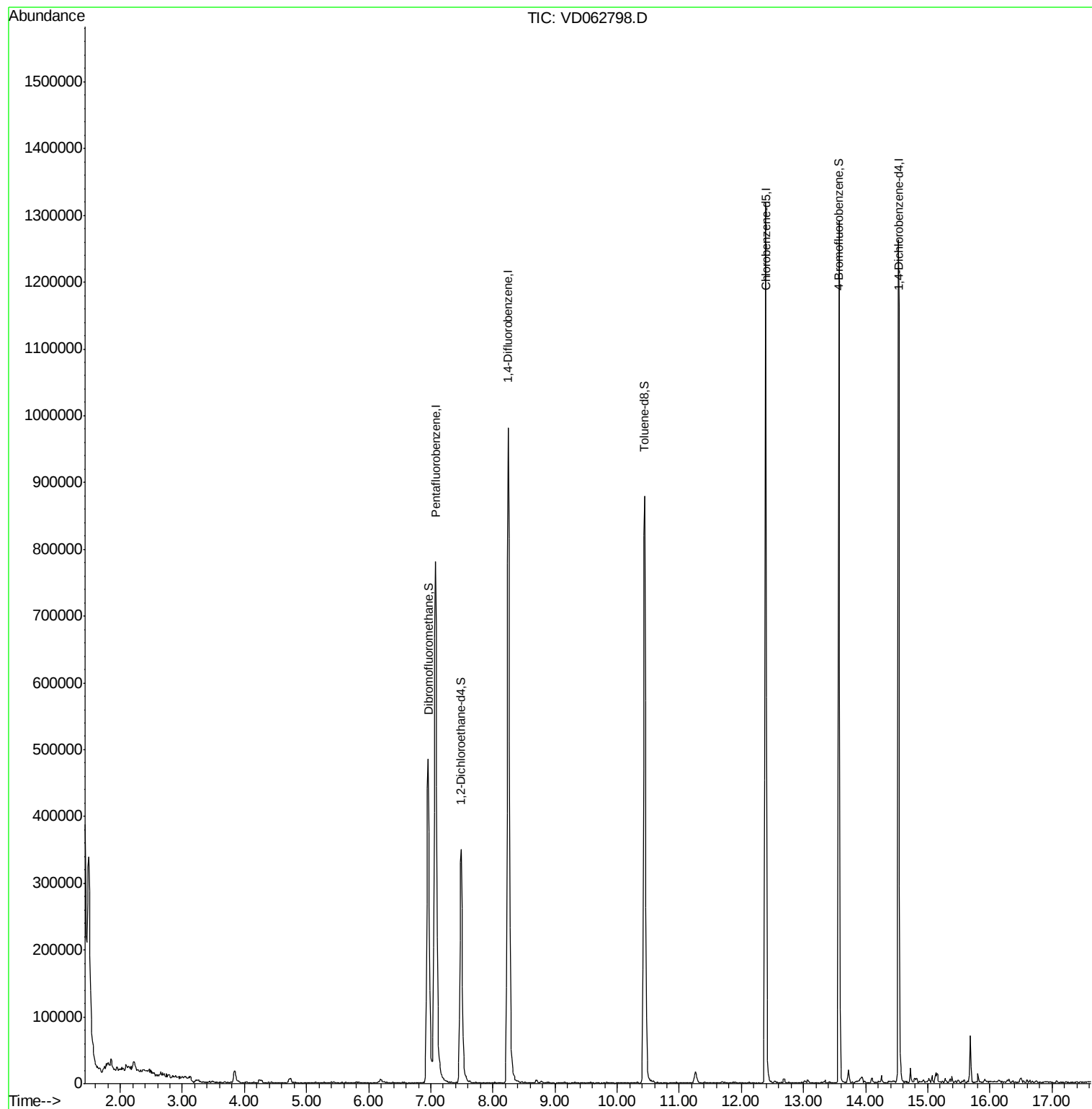
Target Compounds	Qvalue

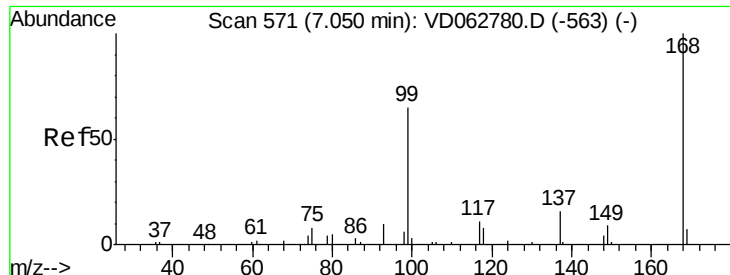
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.08 min Scan# 574

Delta R.T. 0.03 min

Lab File: VD062798.D

Acq: 20 Jun 2019 17:10

Instrument :

MSVOA_D

ClientSampleId :

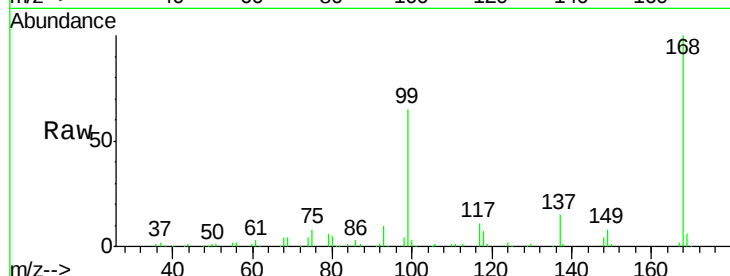
OR-02-061919-A

Tot Ion:168 Resp: 738849

Ion Ratio Lower Upper

168 100

99 64.6 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.08

250000

200000

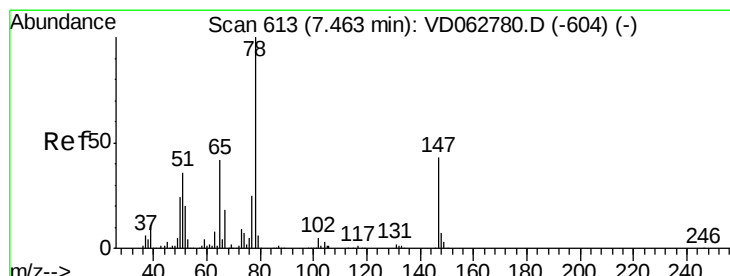
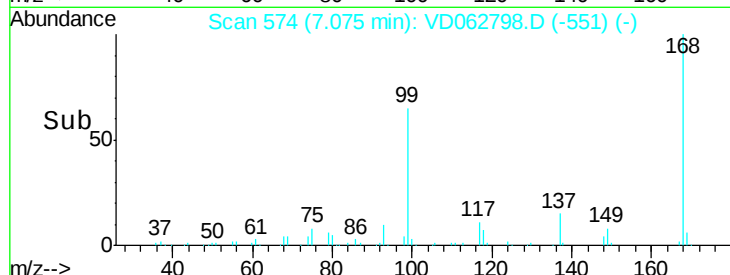
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: 50.344 ug/l

RT: 7.49 min Scan# 616

Delta R.T. 0.03 min

Lab File: VD062798.D

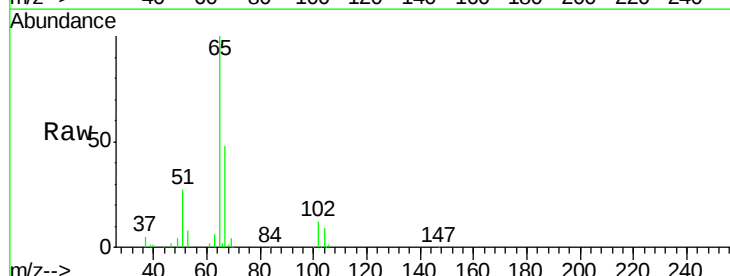
Acq: 20 Jun 2019 17:10

Tgt Ion: 65 Resp: 404325

Ion Ratio Lower Upper

65 100

67 47.7 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.49

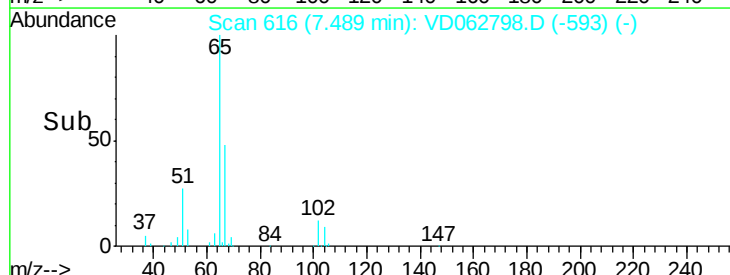
150000

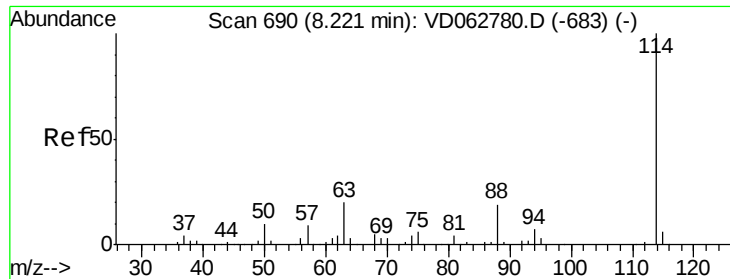
100000

50000

0

Time--> 7.40 7.50 7.60 7.70

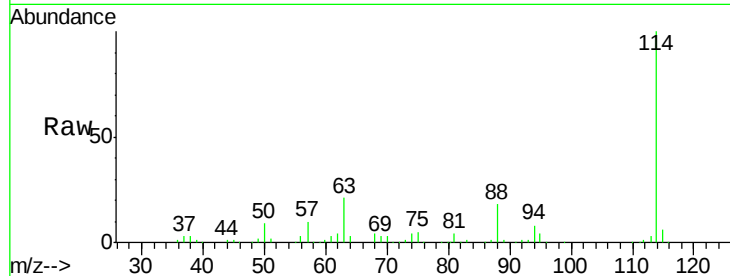




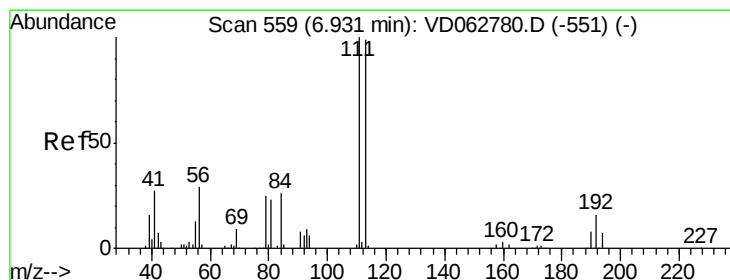
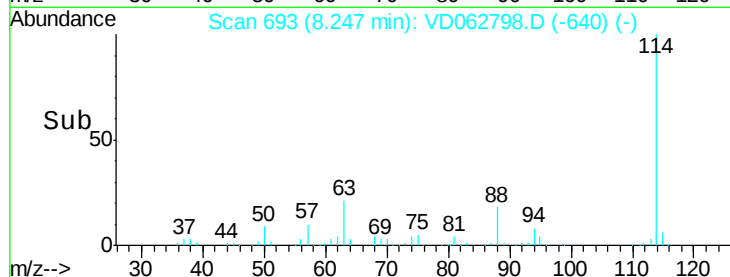
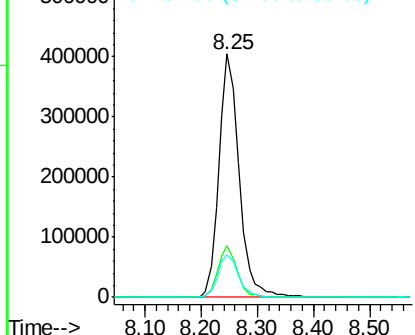
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.25 min Scan# 693
Delta R.T. 0.03 min
Lab File: VD062798.D
Acq: 20 Jun 2019 17:10

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

Tot Ion:114 Resp: 1017773
Ion Ratio Lower Upper
114 100
63 21.4 0.0 40.0
88 17.7 0.0 38.8

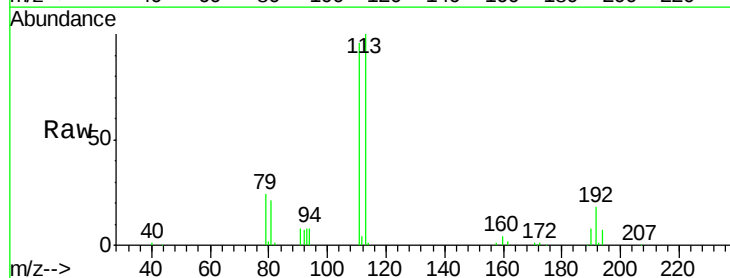


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 62.95 (62.65 to 63.65): VDC
Ion 87.90 (87.60 to 88.60): VDC

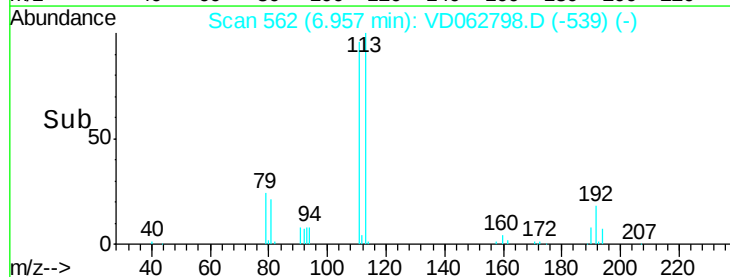
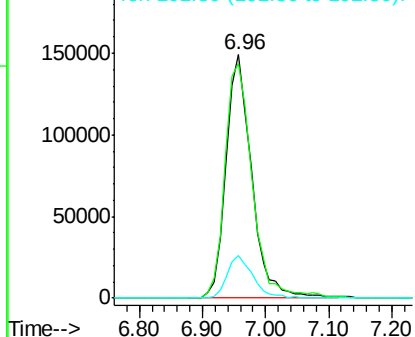


#35
Dibromofluoromethane
Concen: 48.957 ug/l
RT: 6.96 min Scan# 562
Delta R.T. 0.03 min
Lab File: VD062798.D
Acq: 20 Jun 2019 17:10

Tgt Ion:113 Resp: 420139
Ion Ratio Lower Upper
113 100
111 96.4 81.2 121.8
192 17.7 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

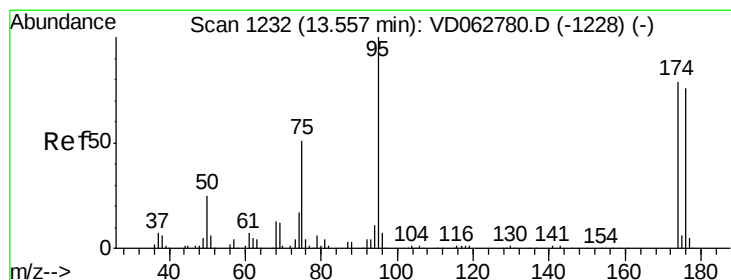
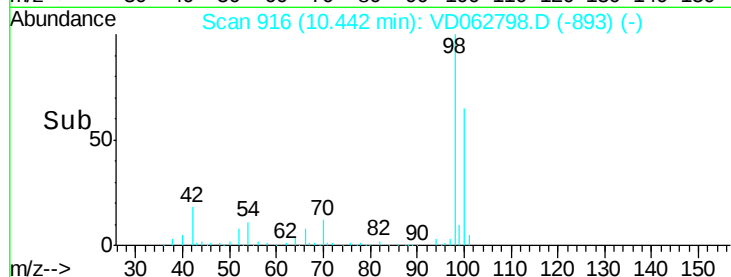
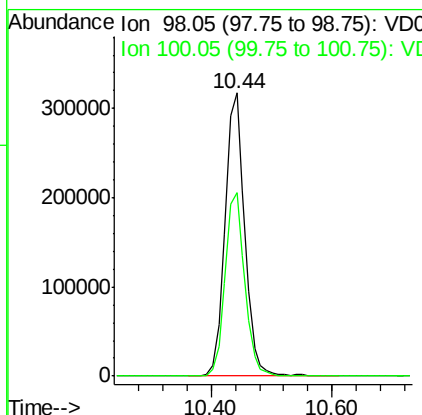
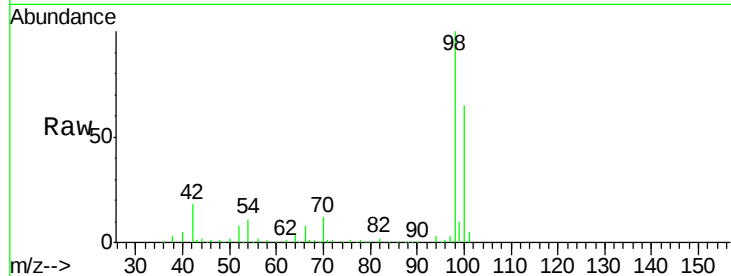




#50
Toluene-d8
Concen: 38.237 ug/l
RT: 10.44 min Scan# 916
Delta R.T. 0.03 min
Lab File: VD062798.D
Acq: 20 Jun 2019 17:10

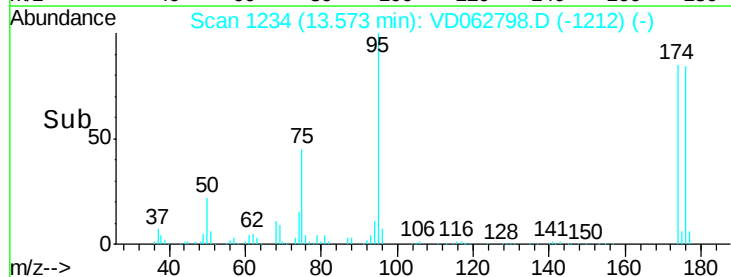
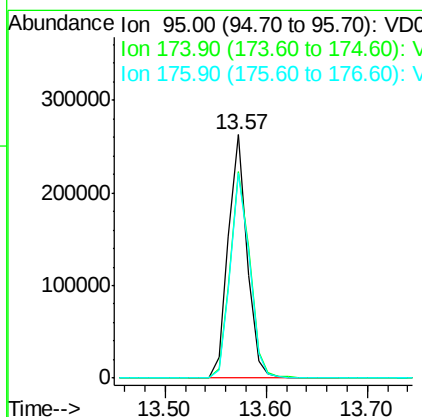
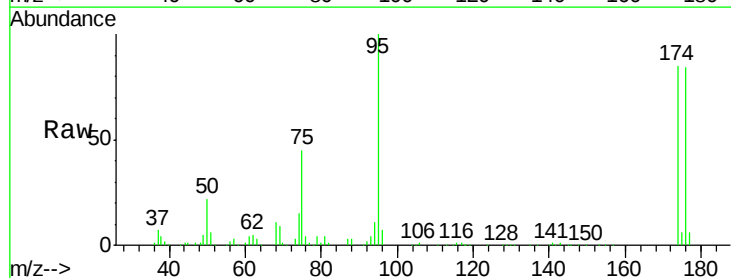
Instrument :
MSVOA_D
ClientSampleId :
OR-02-061919-A

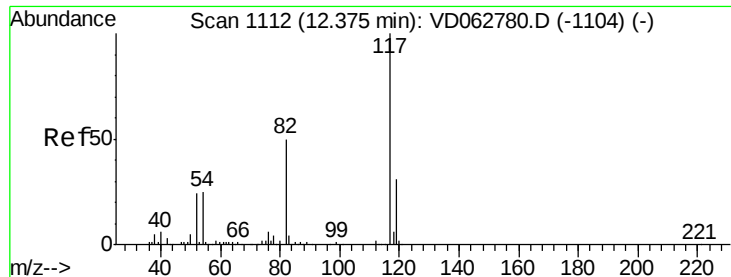
Tot Ion: 98 Resp: 714183
Ion Ratio Lower Upper
98 100
100 64.7 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 40.077 ug/l
RT: 13.57 min Scan# 1234
Delta R.T. 0.02 min
Lab File: VD062798.D
Acq: 20 Jun 2019 17:10

Tgt Ion: 95 Resp: 340376
Ion Ratio Lower Upper
95 100
174 84.9 0.0 158.0
176 84.2 0.0 151.6

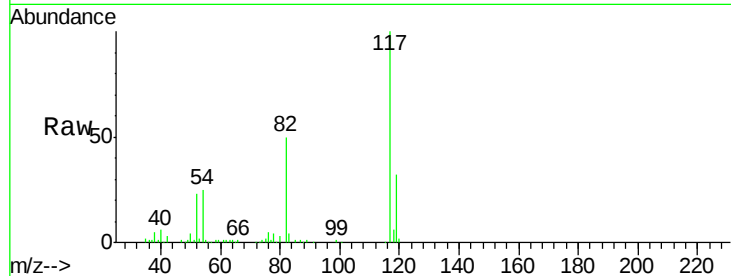




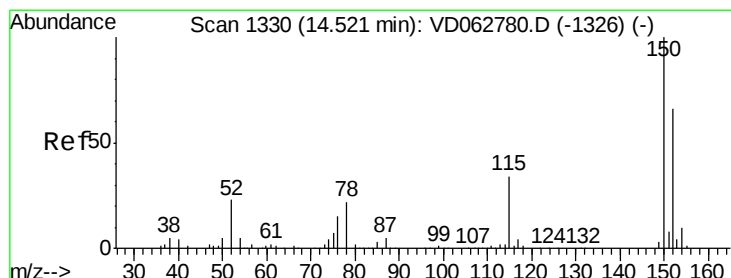
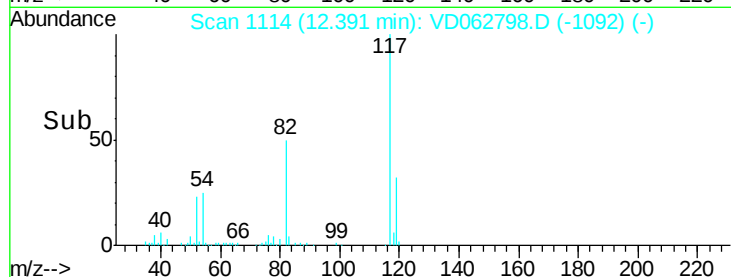
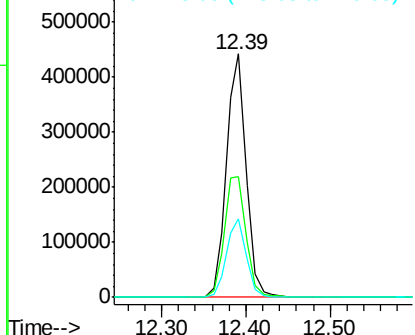
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.39 min Scan# 1114
Delta R.T. 0.02 min
Lab File: VD062798.D
Acq: 20 Jun 2019 17:10

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

Tot Ion:117 Resp: 715082
Ion Ratio Lower Upper
117 100
82 49.6 40.4 60.6
119 32.2 25.2 37.8

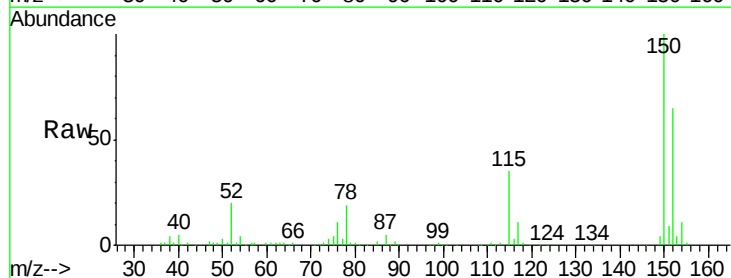


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.54 min Scan# 1332
Delta R.T. 0.02 min
Lab File: VD062798.D
Acq: 20 Jun 2019 17:10

Tgt Ion:152 Resp: 296845
Ion Ratio Lower Upper
152 100
115 53.2 29.2 87.6
150 153.0 0.0 305.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V

