

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080119\
 Data File : VD063304.D
 Acq On : 1 Aug 2019 20:36
 Operator : VA/AP
 Sample : K4093-01
 Misc : 4.77g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-02-080119

Quant Time: Aug 02 08:31:41 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

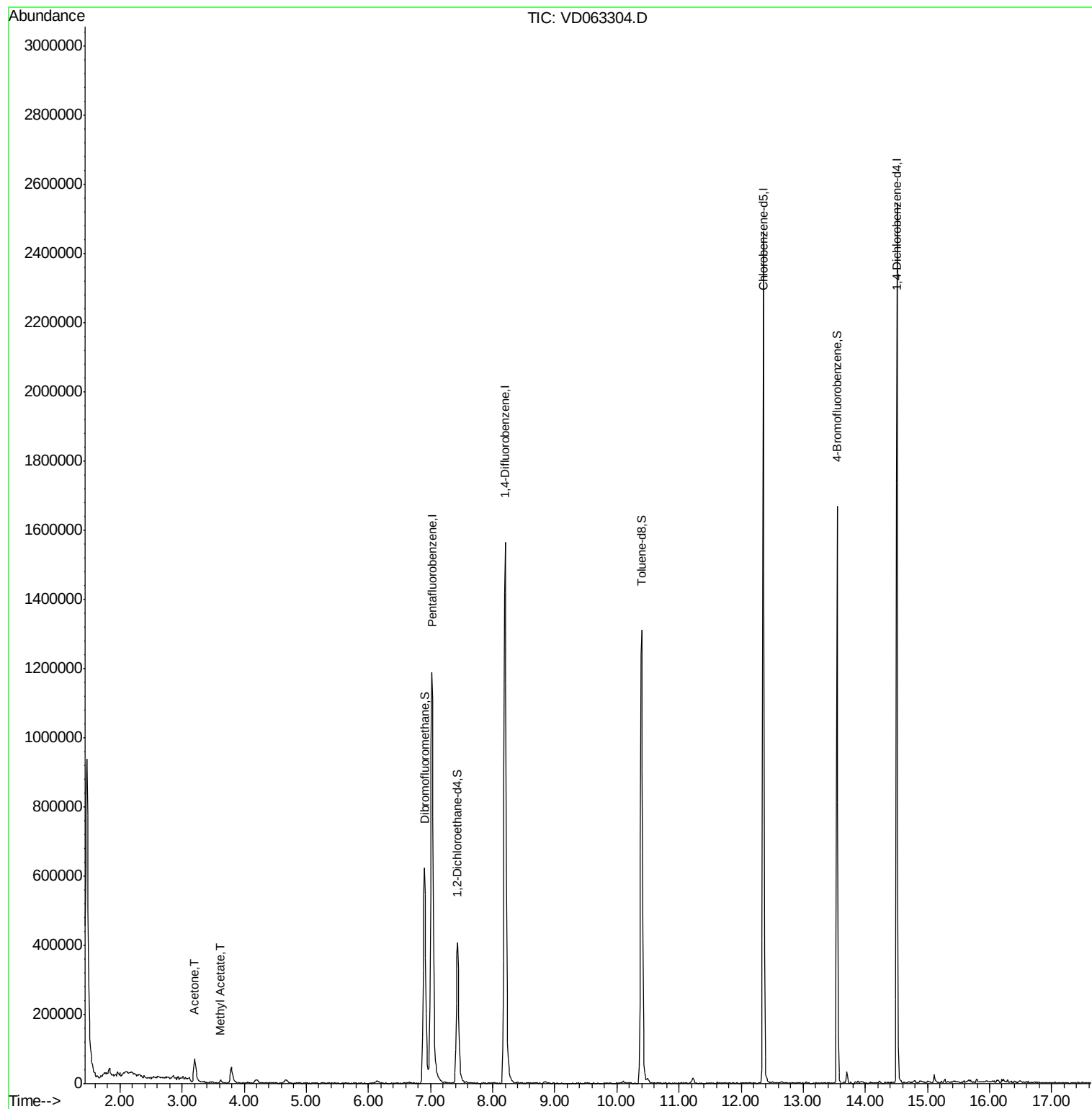
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	1199342	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.20	114	1729944	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1290000	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	541969	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	468920	35.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.48%	
35) Dibromofluoromethane	6.90	113	549388	37.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.40%	
50) Toluene-d8	10.40	98	1115524	33.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	67.50%	
62) 4-Bromofluorobenzene	13.55	95	444527	29.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	59.02%	
Target Compounds						
16) Acetone	3.20	43	134935	52.040	ug/l	100
18) Methyl Acetate	3.61	43	12648	2.540	ug/l #	87

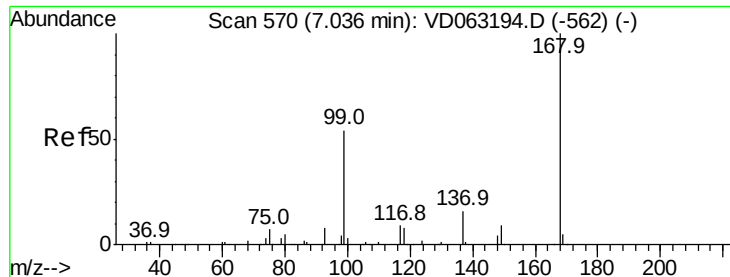
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.02 min Scan# 568

Delta R.T. -0.02 min

Lab File: VD063304.D

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Instrument :

MSVOA_D

ClientSampleId :

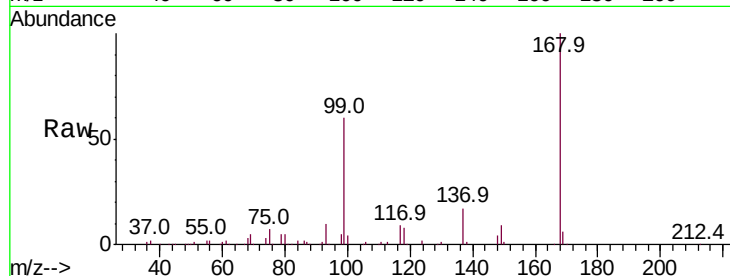
PL-02-080119

Tot Ion:168 Resp: 1199342

Ion Ratio Lower Upper

168 100

99 60.1 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.02

400000

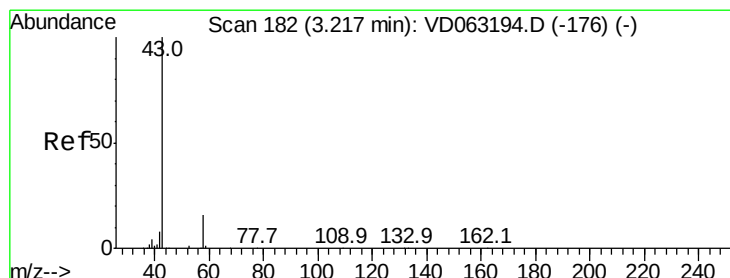
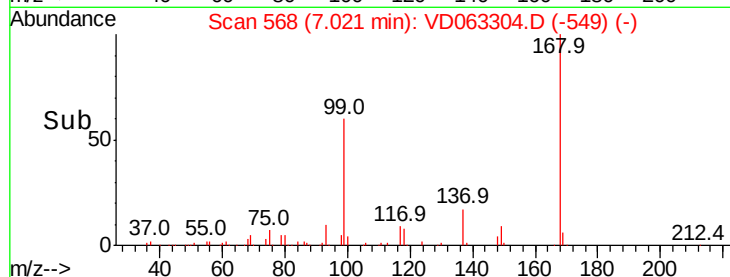
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 52.040 ug/l

RT: 3.20 min Scan# 180

Delta R.T. -0.02 min

Lab File: VD063304.D

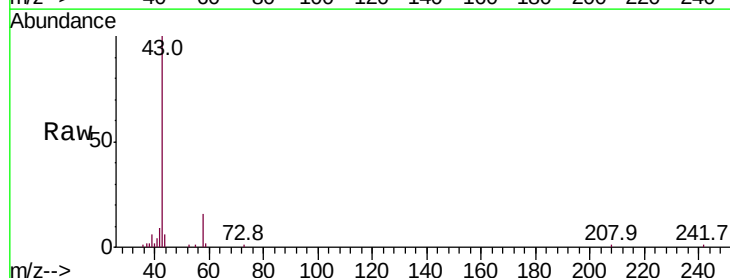
Acq: 1 Aug 2019 20:36

Tgt Ion: 43 Resp: 134935

Ion Ratio Lower Upper

43 100

58 16.0 13.0 19.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.20

50000

40000

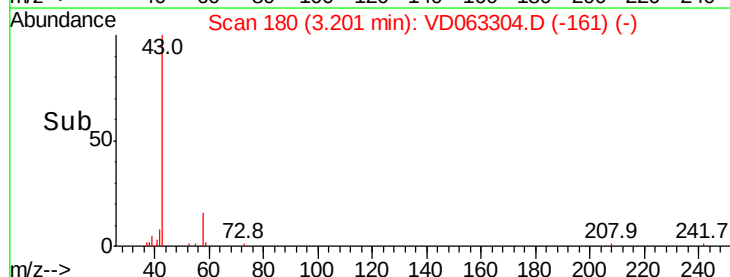
30000

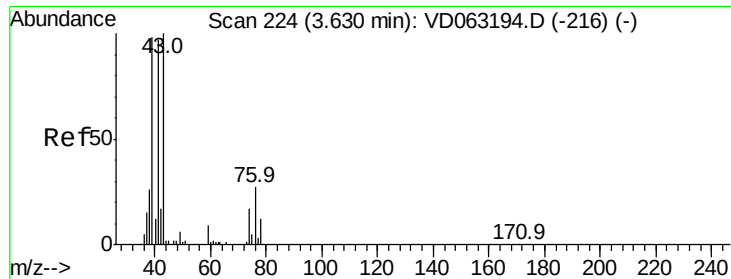
20000

10000

0

Time-->

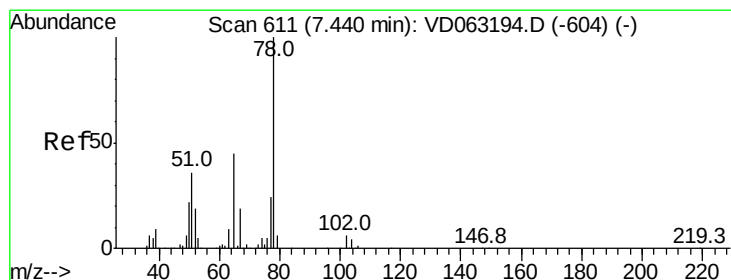
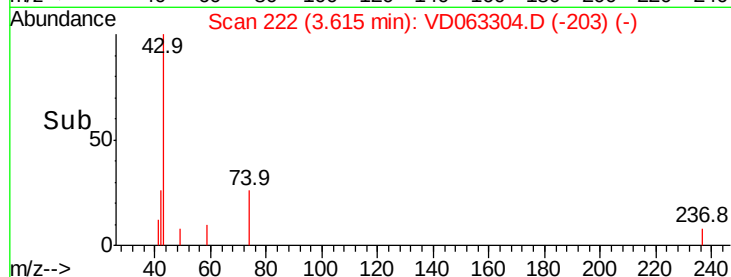
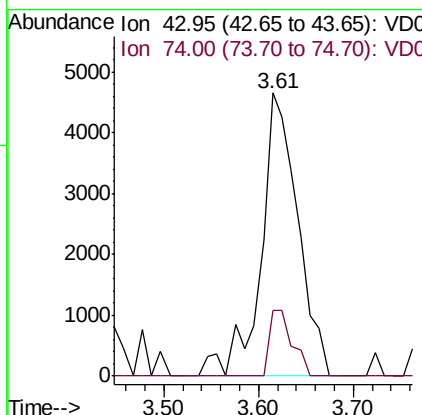
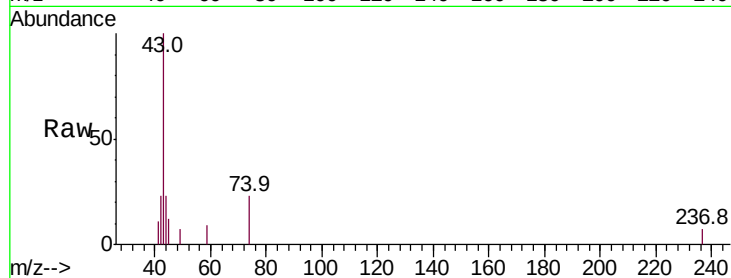




#18
Methyl Acetate
Concen: 2.540 ug/l
RT: 3.61 min Scan# 222
Delta R.T. -0.02 min
Lab File: VD063304.D
Acq: 1 Aug 2019 20:36

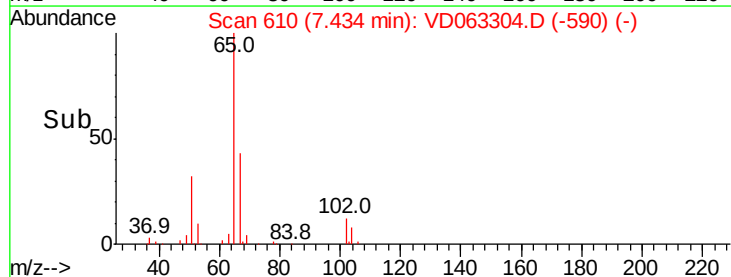
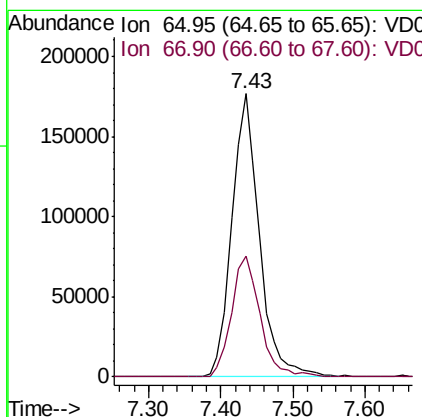
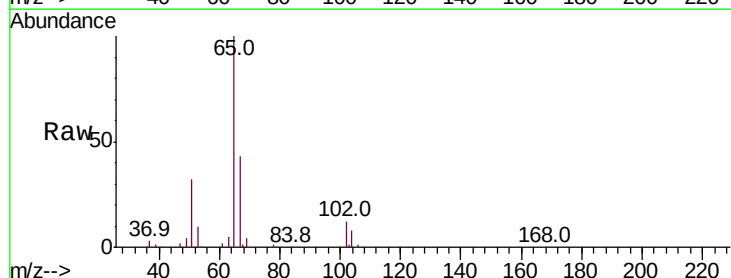
Instrument :
MSVOA_D
ClientSampleId :
PL-02-080119

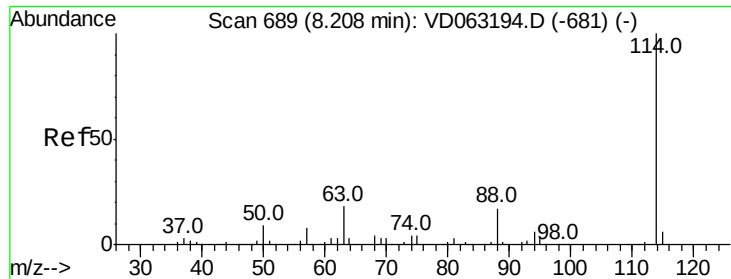
Tot Ion: 43 Resp: 12648
Ion Ratio Lower Upper
43 100
74 23.0 13.8 20.8#



#33
1,2-Dichloroethane-d4
Concen: 35.236 ug/l
RT: 7.43 min Scan# 610
Delta R.T. -0.01 min
Lab File: VD063304.D
Acq: 1 Aug 2019 20:36

Tgt Ion: 65 Resp: 468920
Ion Ratio Lower Upper
65 100
67 42.7 0.0 85.8

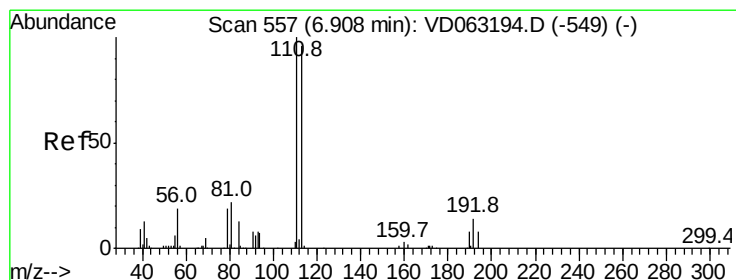
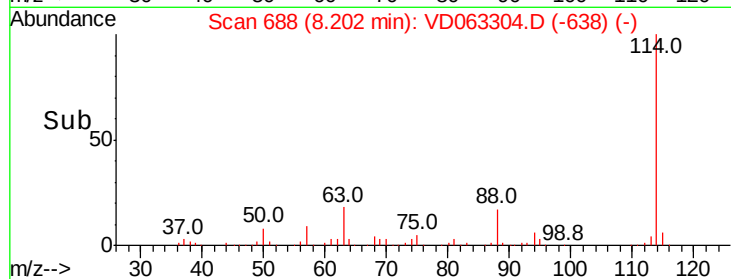
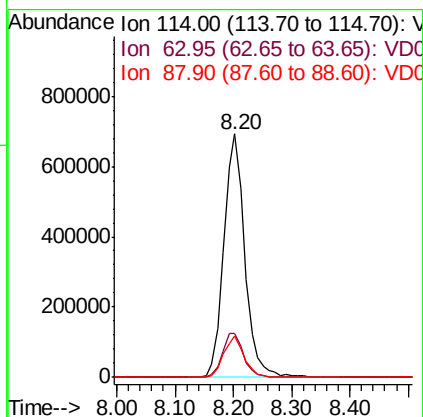
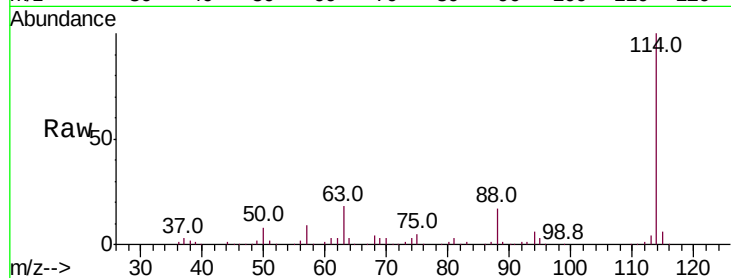




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: VD063304.D
 Acq: 1 Aug 2019 20:36

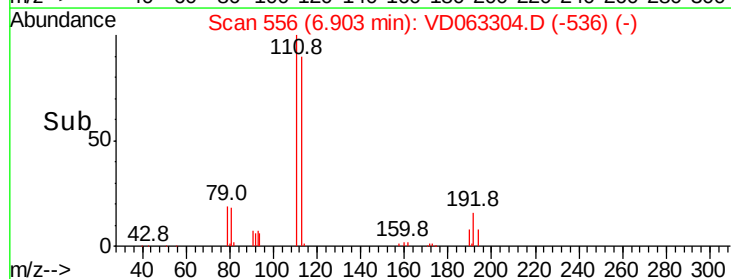
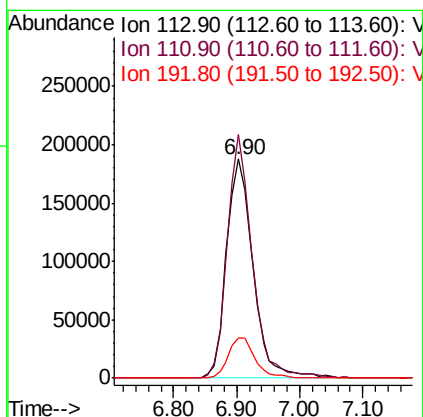
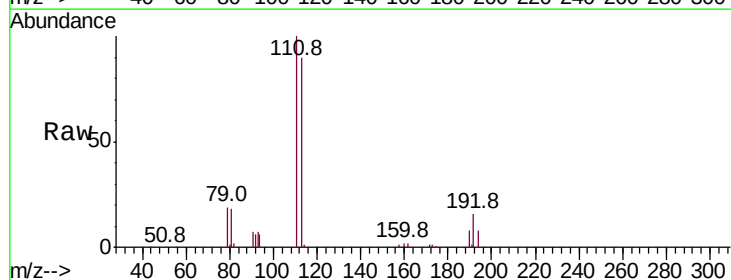
Instrument :
 MSVOA_D
 ClientSampleId :
 PL-02-080119

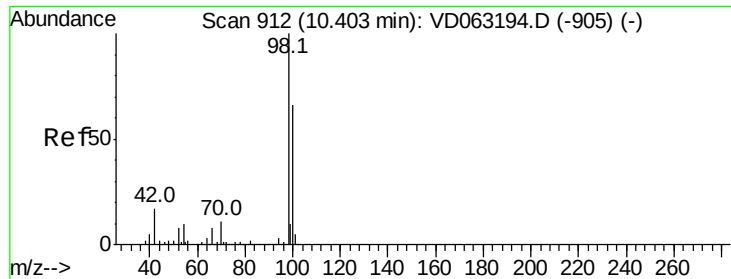
Tot Ion:114 Resp: 1729944
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 35.2
 88 17.0 0.0 34.6



#35
 Dibromofluoromethane
 Concen: 37.196 ug/l
 RT: 6.90 min Scan# 556
 Delta R.T. -0.01 min
 Lab File: VD063304.D
 Acq: 1 Aug 2019 20:36

Tgt Ion:113 Resp: 549388
 Ion Ratio Lower Upper
 113 100
 111 111.1 83.2 124.8
 192 18.1 11.8 17.8#





#50

Toluene-d8

Concen: 33.747 ug/l

RT: 10.40 min Scan# 911

Delta R.T. -0.01 min

Lab File: VD063304.D

Acq: 1 Aug 2019 20:36

Instrument :

MSVOA_D

ClientSampleId :

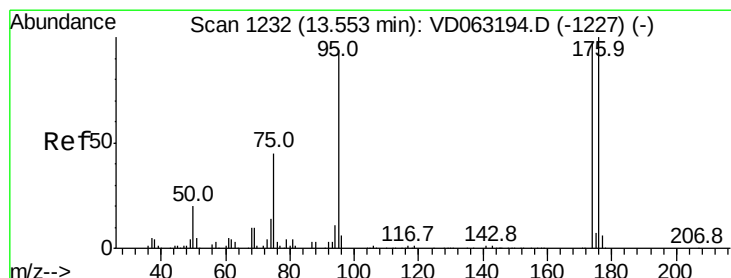
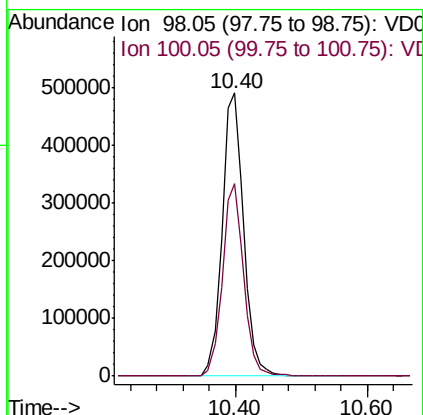
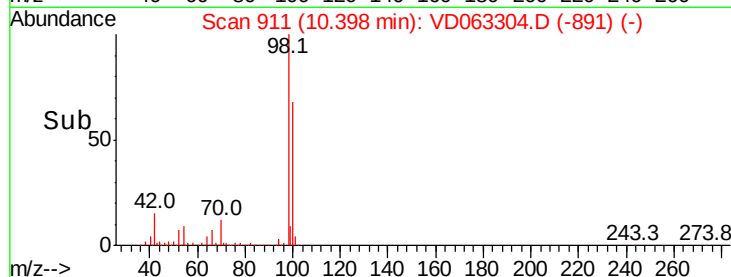
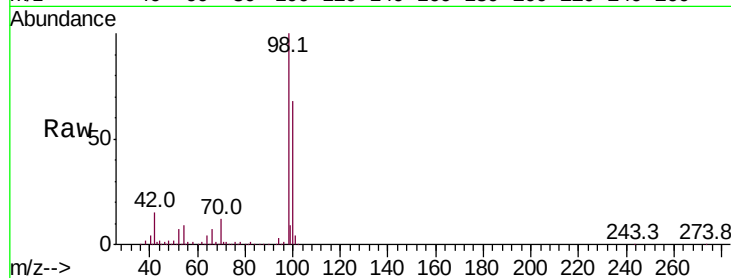
PL-02-080119

Tot Ion: 98 Resp: 111524

Ion Ratio Lower Upper

98 100

100 67.9 53.2 79.8



#62

4-Bromofluorobenzene

Concen: 29.511 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD063304.D

Acq: 1 Aug 2019 20:36

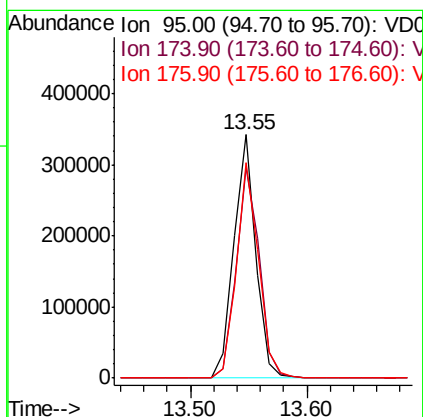
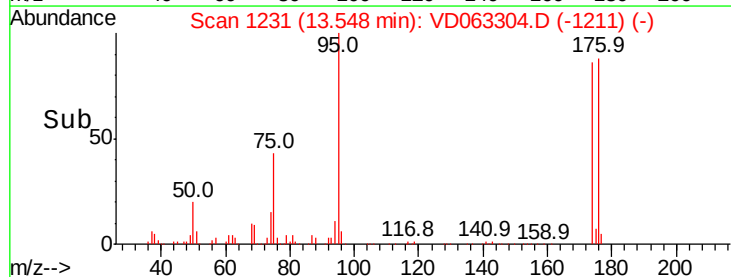
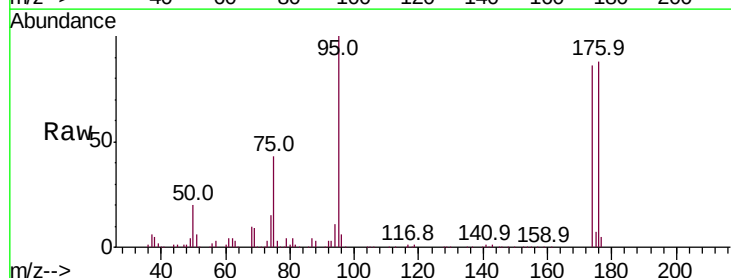
Tgt Ion: 95 Resp: 444527

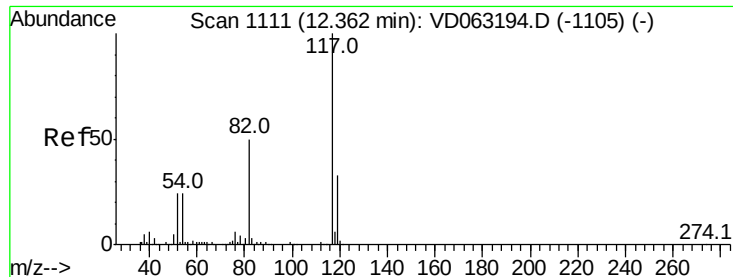
Ion Ratio Lower Upper

95 100

174 86.3 0.0 205.4

176 88.4 0.0 211.8

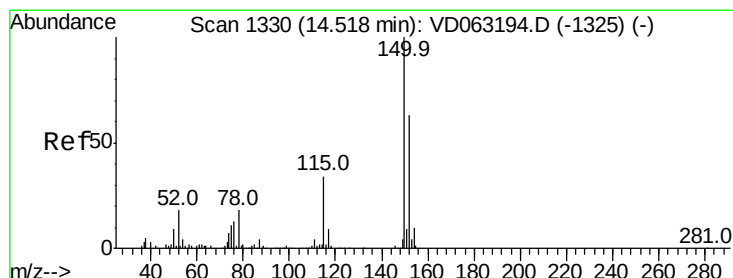
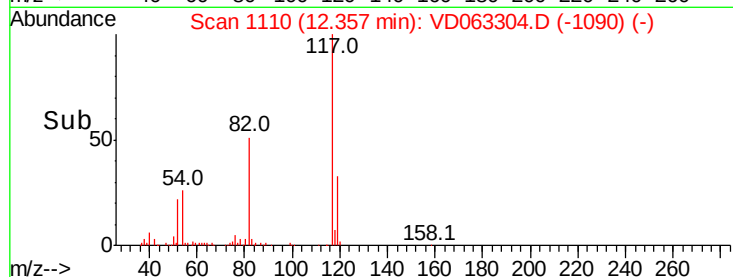
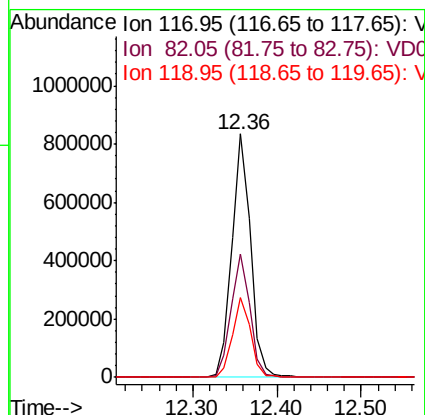
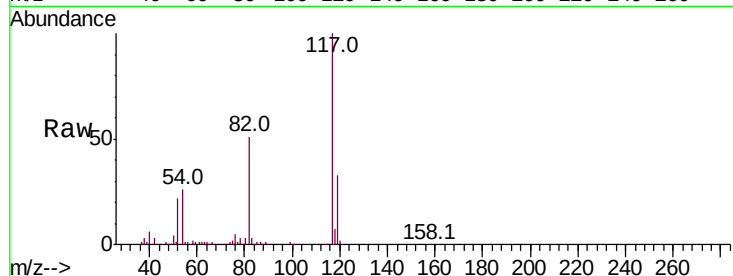




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VD063304.D
Acq: 1 Aug 2019 20:36

Instrument :
MSVOA_D
ClientSampleId :
PL-02-080119

Tot Ion:117 Resp: 1290000
Ion Ratio Lower Upper
117 100
82 50.7 40.1 60.1
119 32.9 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD063304.D
Acq: 1 Aug 2019 20:36

Tgt Ion:152 Resp: 541969
Ion Ratio Lower Upper
152 100
115 54.9 27.5 82.4
150 155.0 0.0 320.6

