

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080219\
 Data File : VD063323.D
 Acq On : 2 Aug 2019 18:12
 Operator : VA/AP
 Sample : K4130-04
 Misc : 4.12g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1S-F3-(0-1)

Quant Time: Aug 04 04:29:38 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

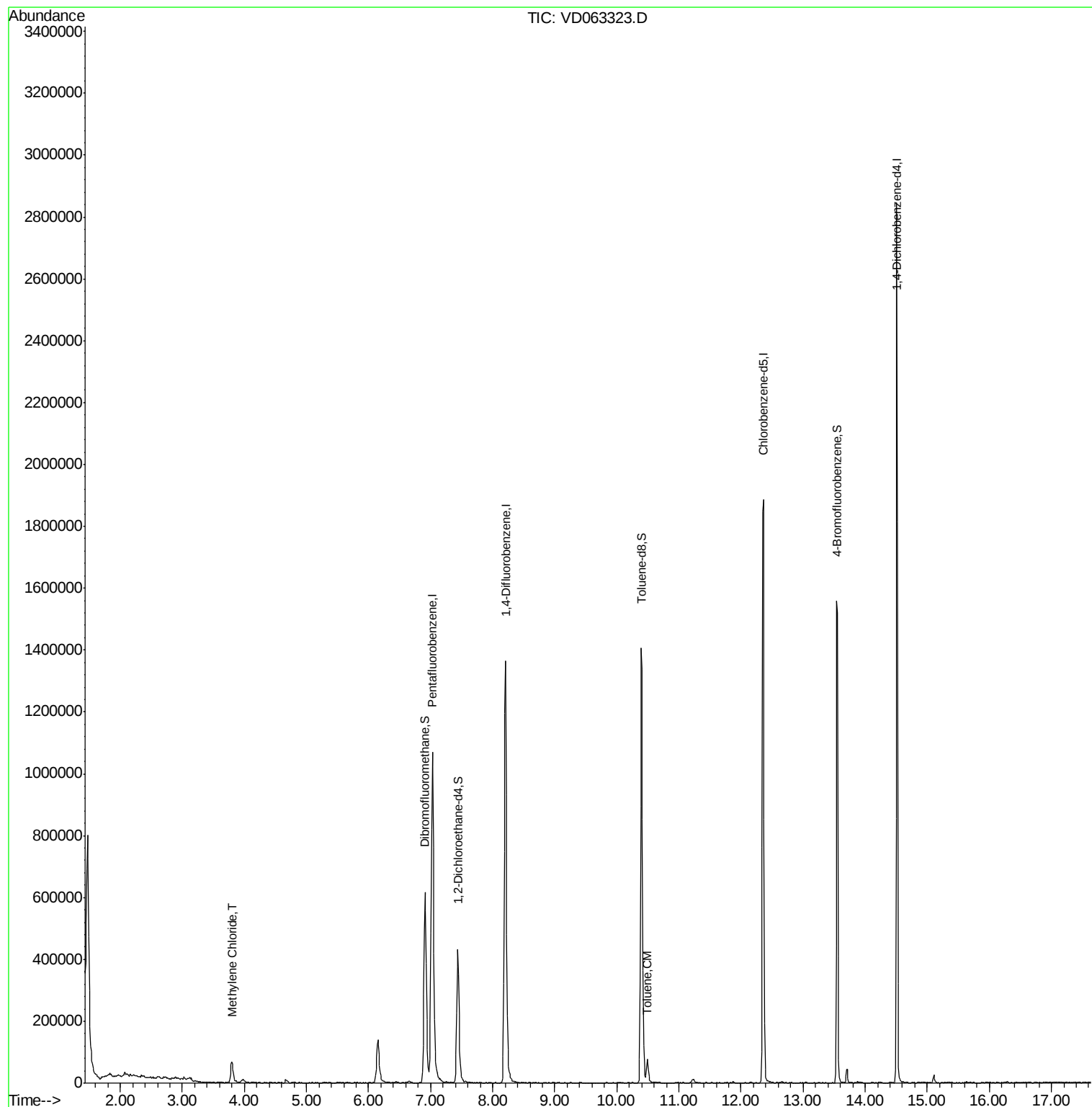
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	1097983	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1456957	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1120173	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	589737	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	487845	40.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.08%	
35) Dibromofluoromethane	6.91	113	550804	44.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.56%	
50) Toluene-d8	10.39	98	1187471	42.65	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	85.30%	
62) 4-Bromofluorobenzene	13.54	95	481861	37.98	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	75.96%	
Target Compounds						
20) Methylene Chloride	3.80	84	40460	4.217	ug/l	89
52) Toluene	10.49	92	32958	1.778	ug/l	98

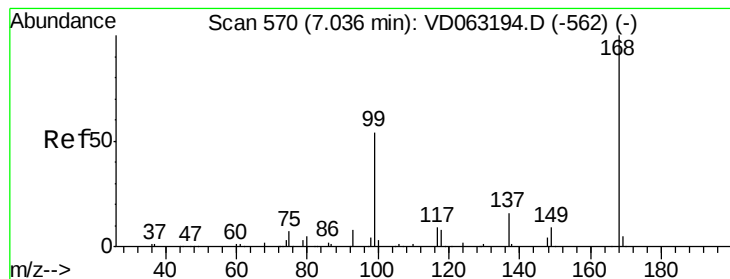
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 30 03:04:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.00 min

Lab File: VD063323.D

Acq: 2 Aug 2019 18:12

Instrument :

MSVOA_D

ClientSampleId :

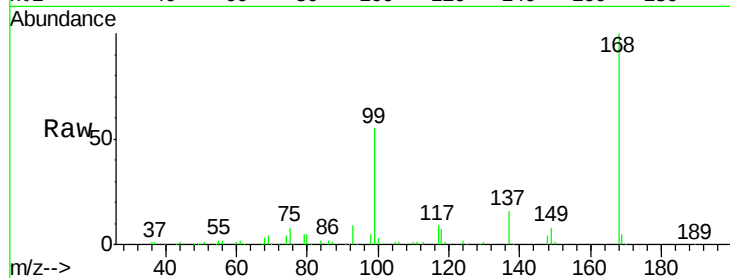
1S-F3-(0-1)

Tot Ion:168 Resp: 1097983

Ion Ratio Lower Upper

168 100

99 55.2 43.7 65.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

400000

300000

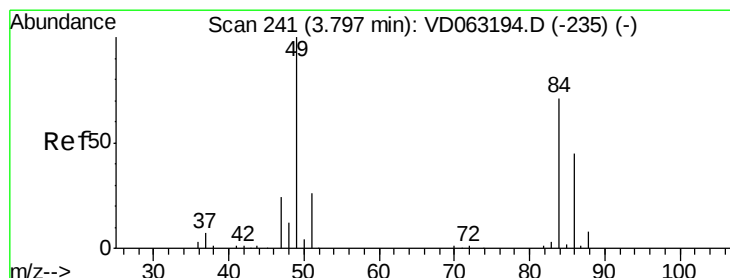
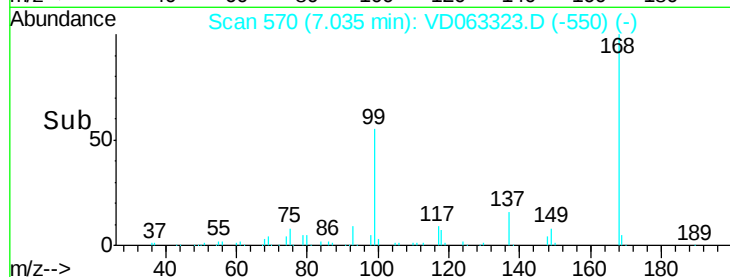
200000

100000

0

6.90 7.00 7.10 7.20

Time-->



#20

Methylene Chloride

Concen: 4.217 ug/l

RT: 3.80 min Scan# 241

Delta R.T. -0.00 min

Lab File: VD063323.D

Acq: 2 Aug 2019 18:12

Tgt Ion: 84 Resp: 40460

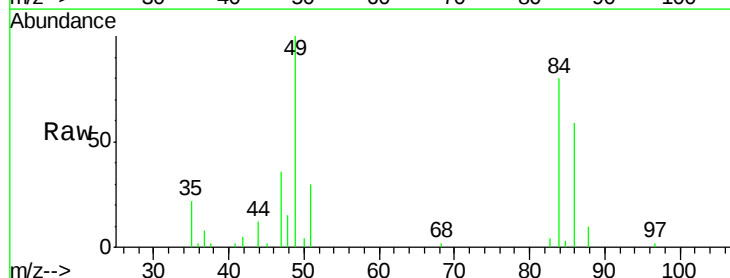
Ion Ratio Lower Upper

84 100

49 125.7 112.5 168.7

51 38.1 29.6 44.4

86 74.3 50.4 75.6



Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

25000

20000

15000

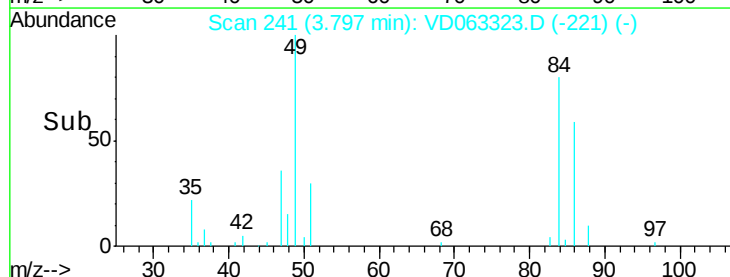
10000

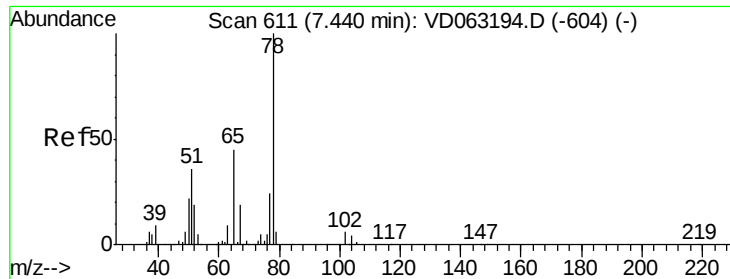
5000

0

3.70 3.80 3.90

Time-->

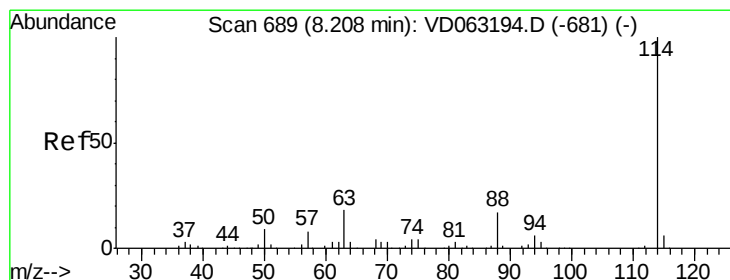
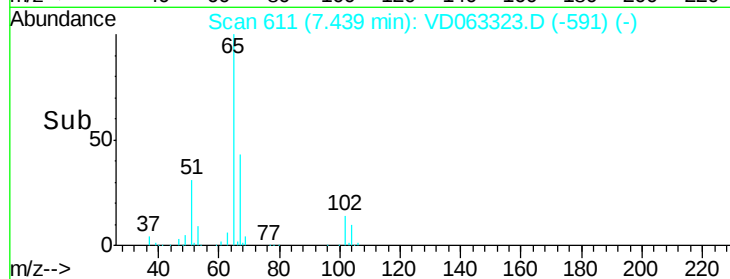
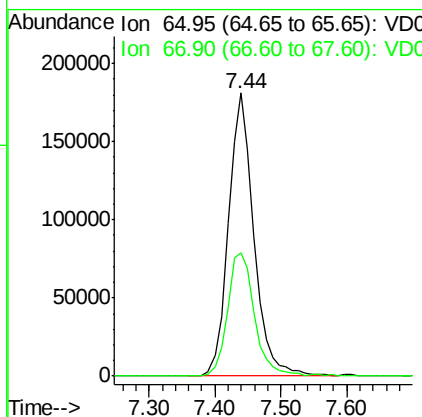
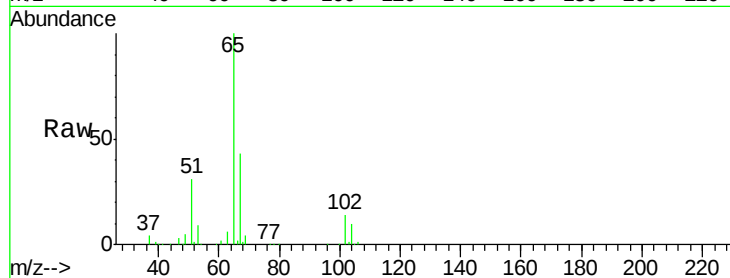




#33
 1,2-Dichloroethane-d4
 Concen: 40.043 ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. -0.00 min
 Lab File: VD063323.D
 Acq: 2 Aug 2019 18:12

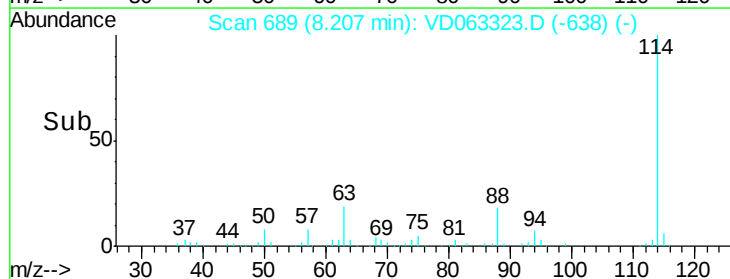
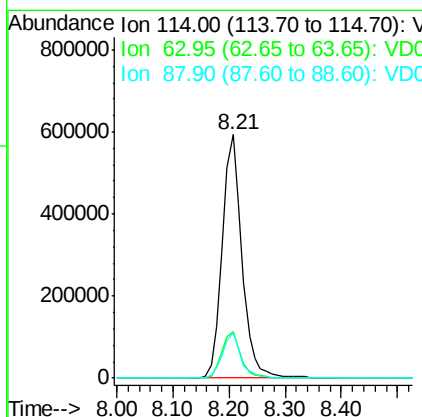
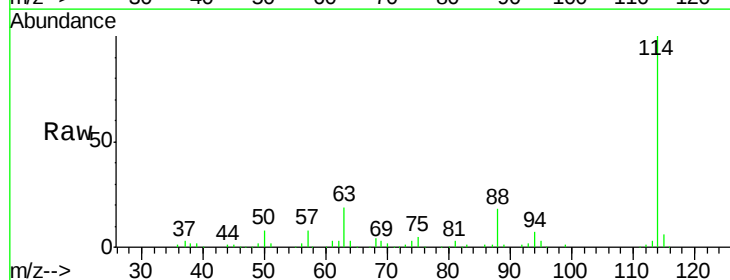
Instrument :
 MSVOA_D
 ClientSampleId :
 1S-F3-(0-1)

Tot Ion: 65 Resp: 487845
 Ion Ratio Lower Upper
 65 100
 67 43.5 0.0 85.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.00 min
 Lab File: VD063323.D
 Acq: 2 Aug 2019 18:12

Tgt Ion: 114 Resp: 1456957
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 35.2
 88 18.4 0.0 34.6

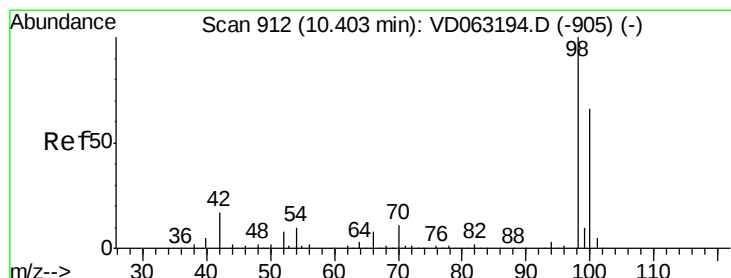
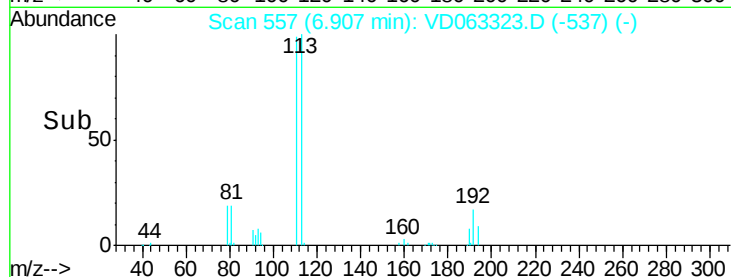
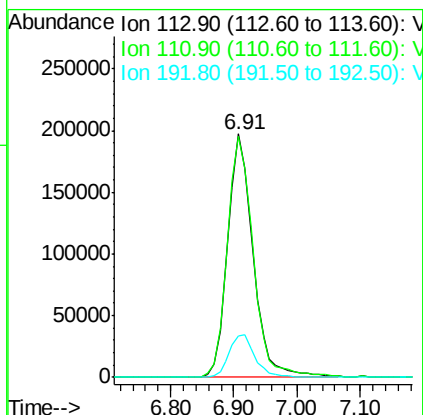
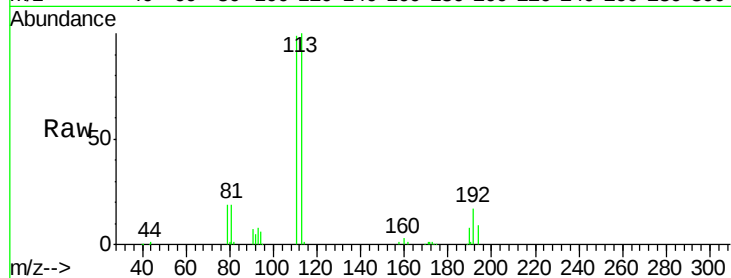




#35
 Dibromofluoromethane
 Concen: 44.279 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. -0.00 min
 Lab File: VD063323.D
 Acq: 2 Aug 2019 18:12

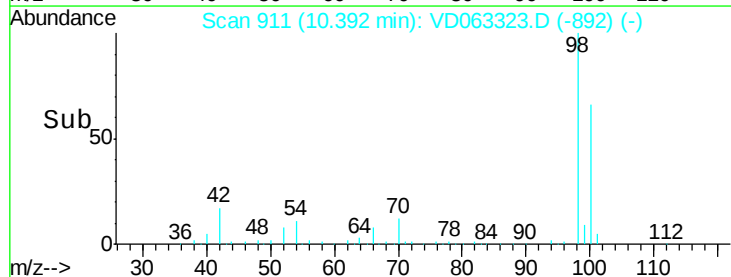
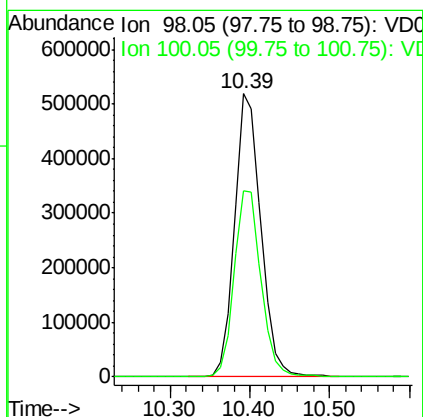
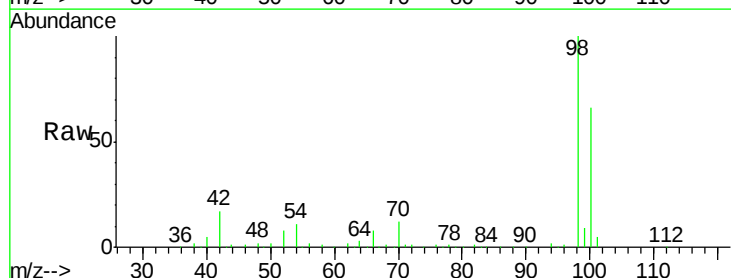
Instrument :
 MSVOA_D
 ClientSampleId :
 1S-F3-(0-1)

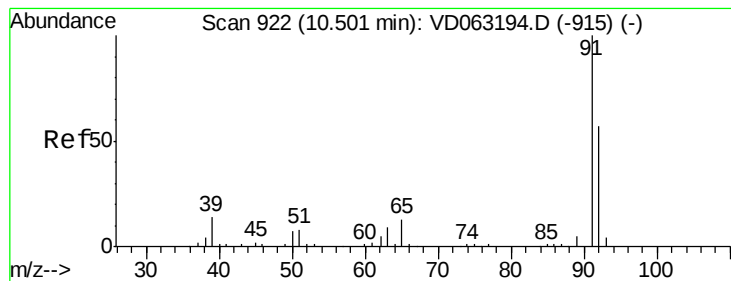
Tot Ion	Ratio	Lower	Upper
113	100		
111	98.8	83.2	124.8
192	17.2	11.8	17.8



#50
 Toluene-d8
 Concen: 42.655 ug/l
 RT: 10.39 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: VD063323.D
 Acq: 2 Aug 2019 18:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.7	53.2	79.8





#52

Toluene

Concen: 1.778 ug/l

RT: 10.49 min Scan# 921

Delta R.T. -0.01 min

Lab File: VD063323.D

Acq: 2 Aug 2019 18:12

Instrument :

MSVOA_D

ClientSampleId :

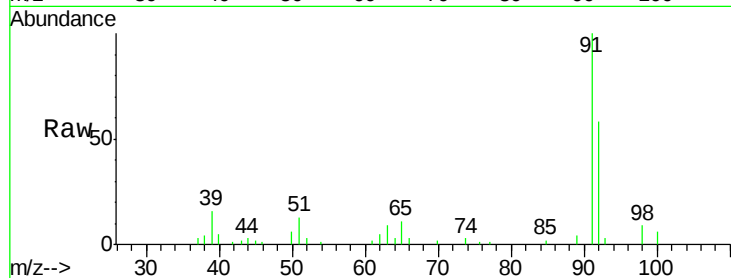
1S-F3-(0-1)

Tot Ion: 92 Resp: 32958

Ion Ratio Lower Upper

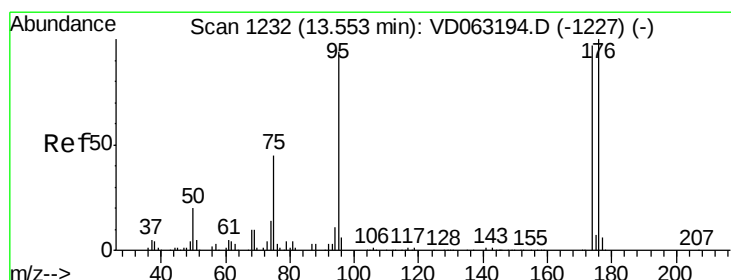
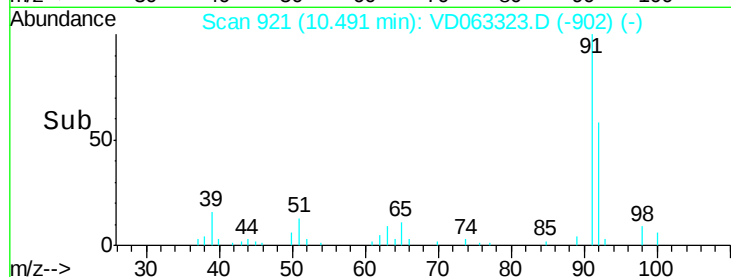
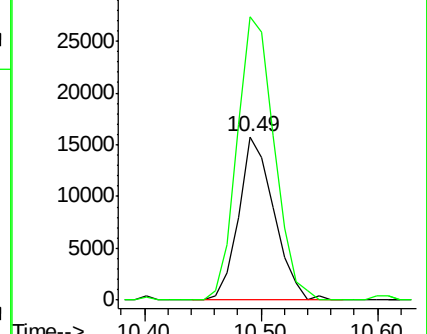
92 100

91 173.3 140.8 211.2



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: 37.983 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD063323.D

Acq: 2 Aug 2019 18:12

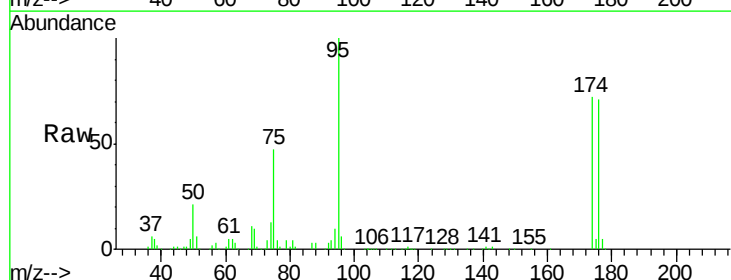
Tgt Ion: 95 Resp: 481861

Ion Ratio Lower Upper

95 100

174 72.2 0.0 205.4

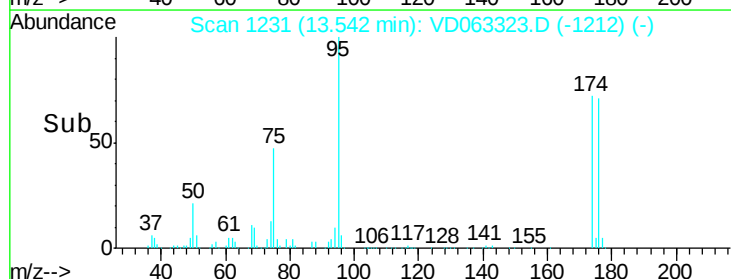
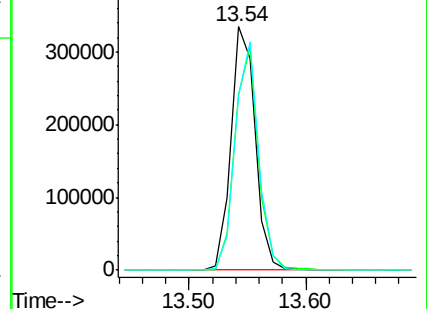
176 71.5 0.0 211.8

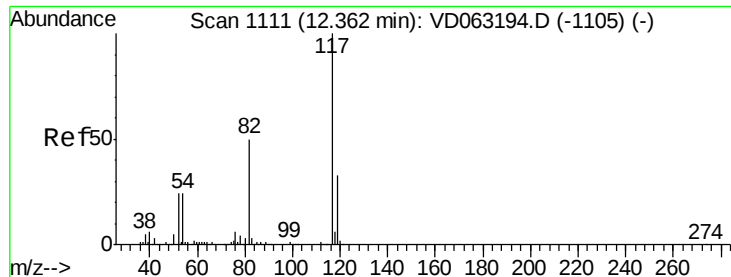


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

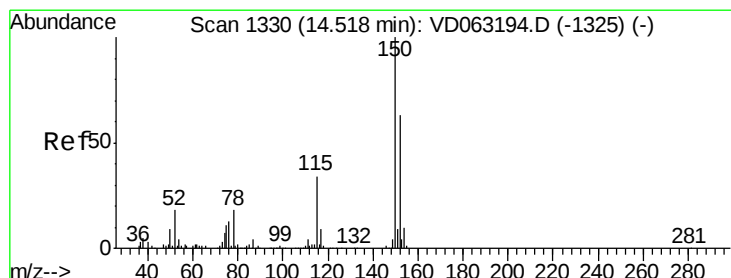
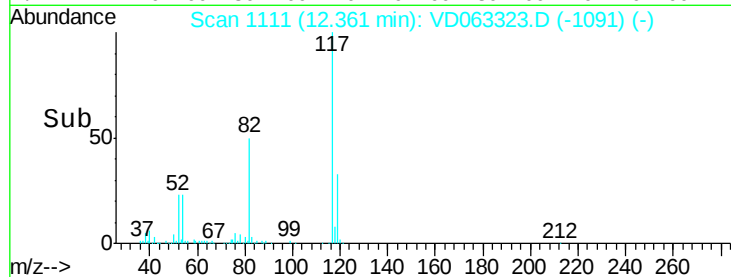
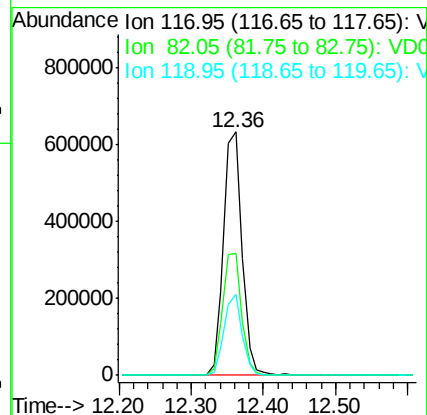
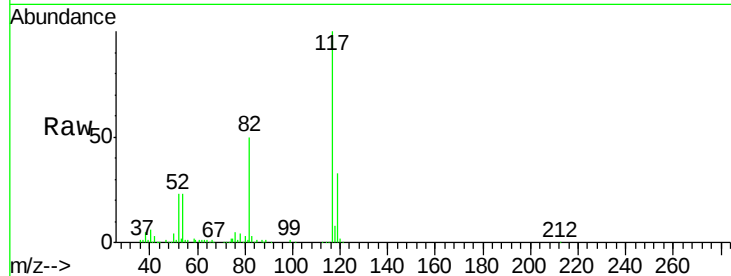




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD063323.D
Acq: 2 Aug 2019 18:12

Instrument :
MSVOA_D
ClientSampleId :
1S-F3-(0-1)

Tot Ion:117 Resp: 1120173
Ion Ratio Lower Upper
117 100
82 50.3 40.1 60.1
119 33.4 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: VD063323.D
Acq: 2 Aug 2019 18:12

Tgt Ion:152 Resp: 589737
Ion Ratio Lower Upper
152 100
115 64.0 27.5 82.4
150 160.4 0.0 320.6

