

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081519\
 Data File : VD063607.D
 Acq On : 15 Aug 2019 16:00
 Operator : JC/SY
 Sample : K4257-02
 Misc : 5.05g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SAND-B

Quant Time: Aug 15 16:34:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

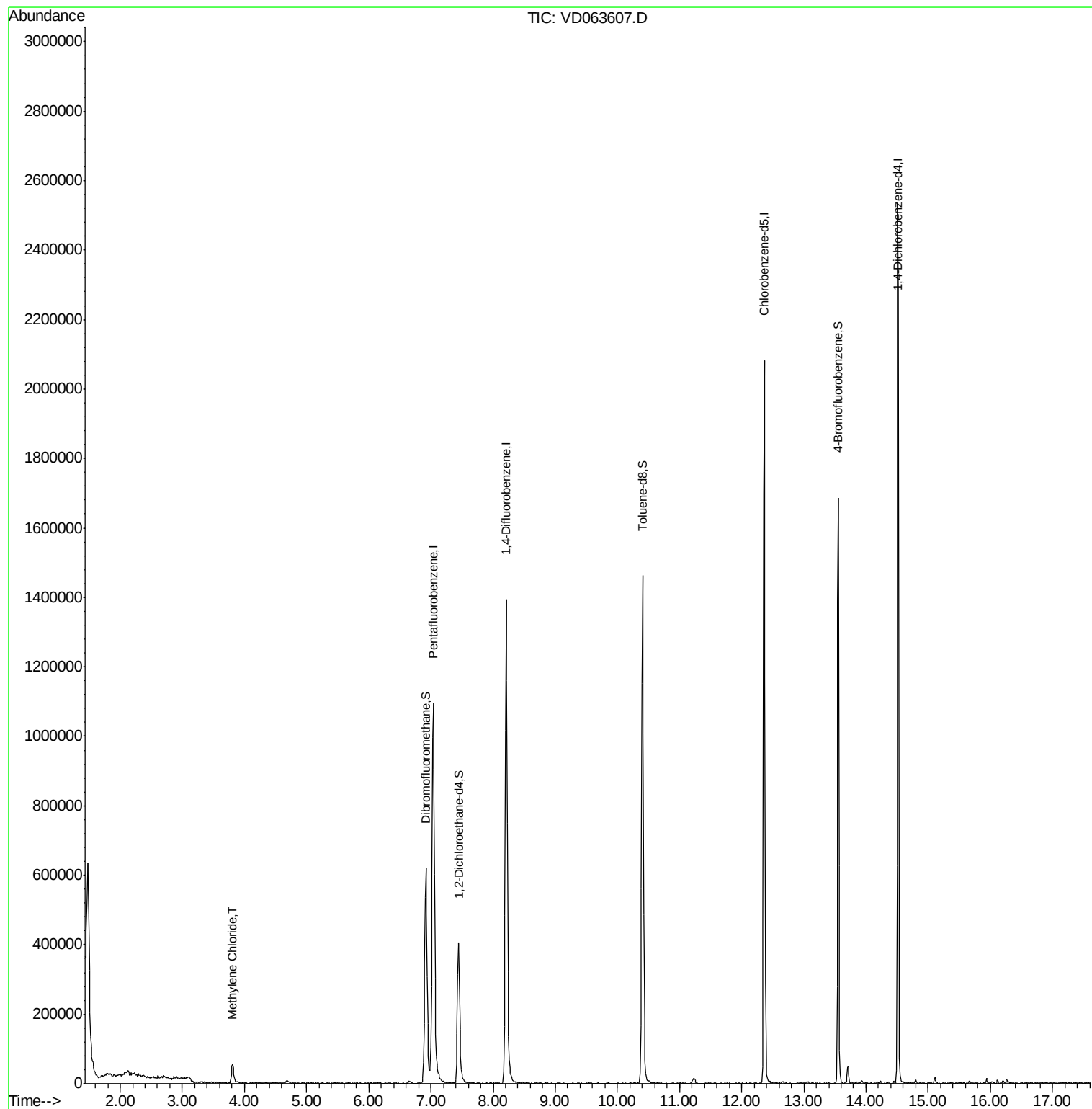
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	1078192	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.21	114	1471804	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	1163846	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	611040	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	483547	41.96	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	83.92%	
35) Dibromofluoromethane	6.92	113	544510	43.93	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	87.86%	
50) Toluene-d8	10.40	98	1118668	41.05	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	82.10%	
62) 4-Bromofluorobenzene	13.55	95	478571	38.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.48%	
Target Compounds						
20) Methylene Chloride	3.81	84	30937	3.054	ug/l #	Qvalue 85

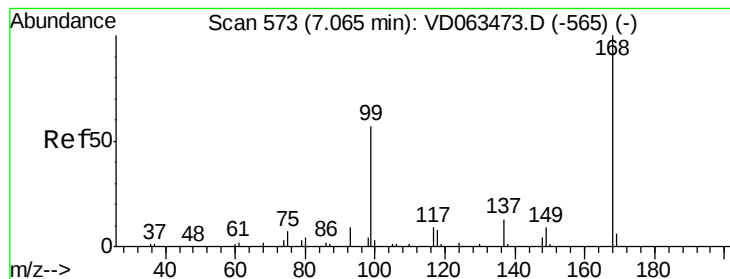
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.03 min

Lab File: VD063607.D

Acq: 15 Aug 2019 16:00

Instrument :

MSVOA_D

ClientSampleId :

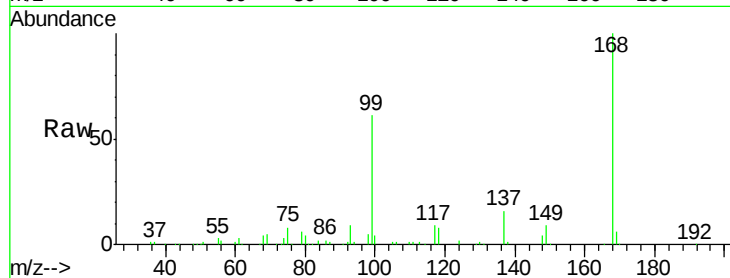
SAND-B

Tot Ion:168 Resp: 1078192

Ion Ratio Lower Upper

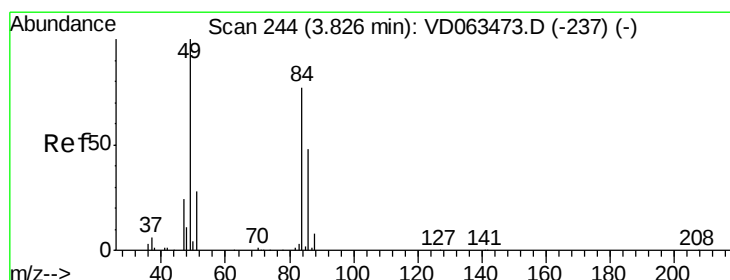
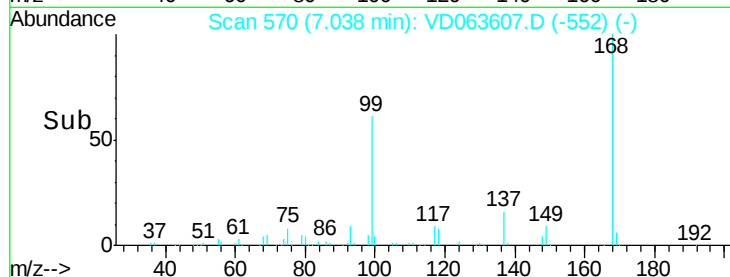
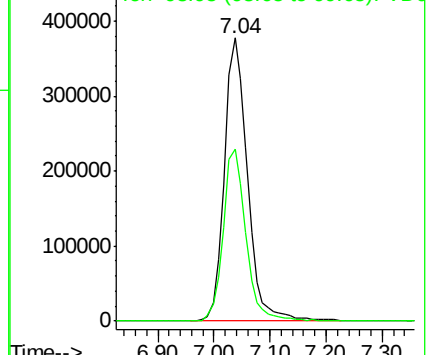
168 100

99 60.7 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 3.054 ug/l

RT: 3.81 min Scan# 242

Delta R.T. -0.02 min

Lab File: VD063607.D

Acq: 15 Aug 2019 16:00

Tgt Ion: 84 Resp: 30937

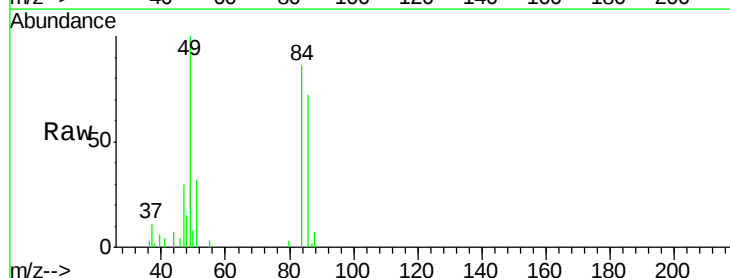
Ion Ratio Lower Upper

84 100

49 115.9 103.4 155.2

51 37.1 28.5 42.7

86 83.5 49.4 74.2#

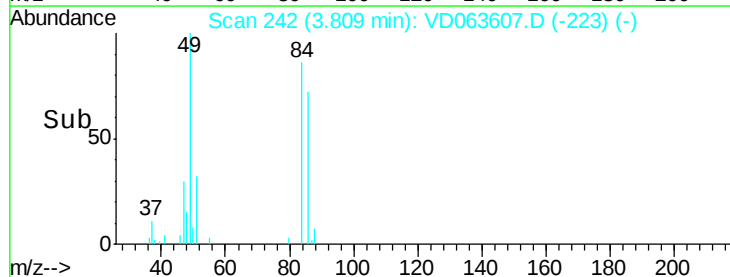
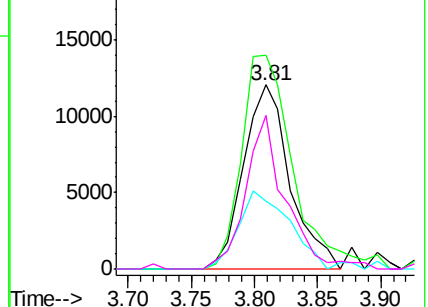


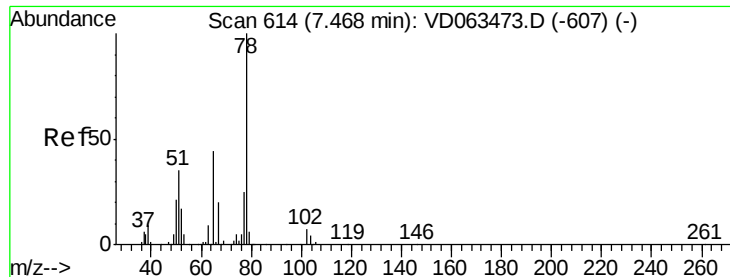
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

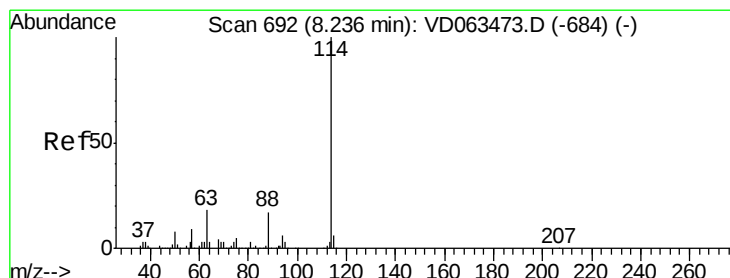
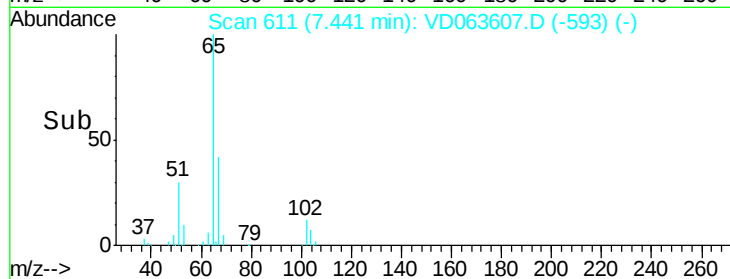
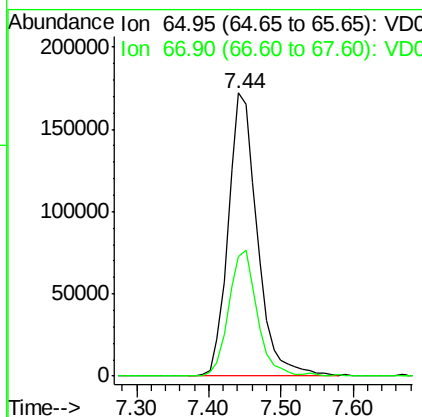
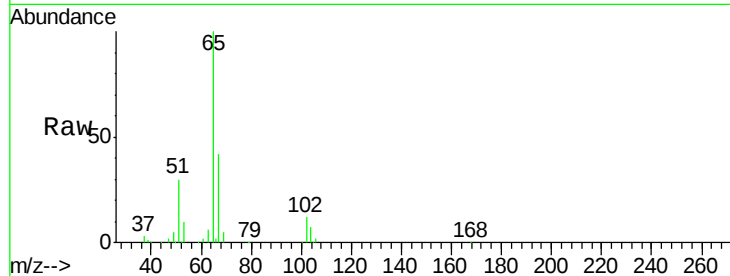




#33
 1,2-Dichloroethane-d4
 Concen: 41.956 ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. -0.03 min
 Lab File: VD063607.D
 Acq: 15 Aug 2019 16:00

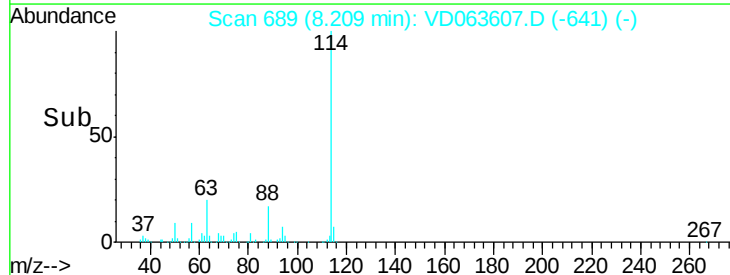
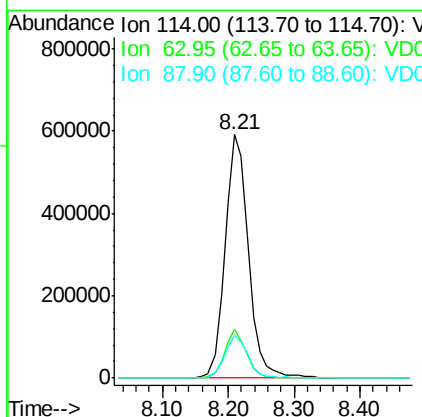
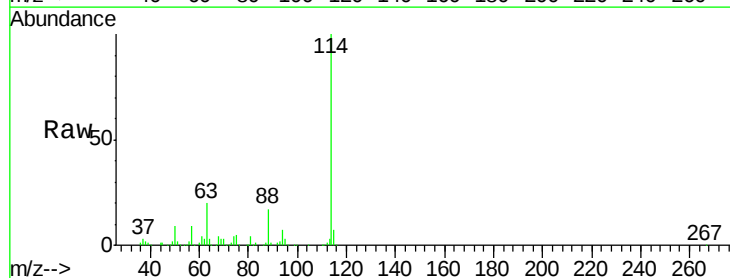
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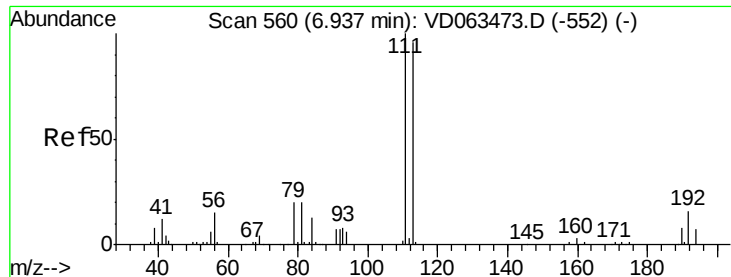
Tot Ion: 65 Resp: 483547
 Ion Ratio Lower Upper
 65 100
 67 42.1 0.0 89.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.03 min
 Lab File: VD063607.D
 Acq: 15 Aug 2019 16:00

Tgt Ion: 114 Resp: 1471804
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 36.2
 88 17.4 0.0 35.0

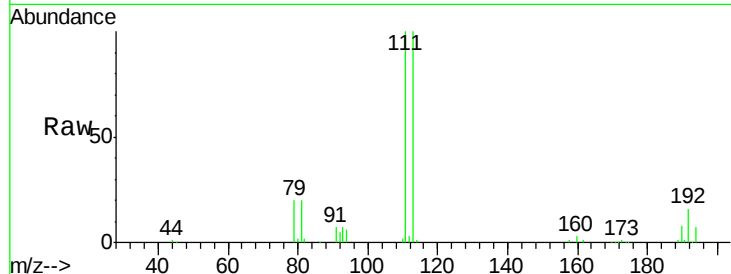




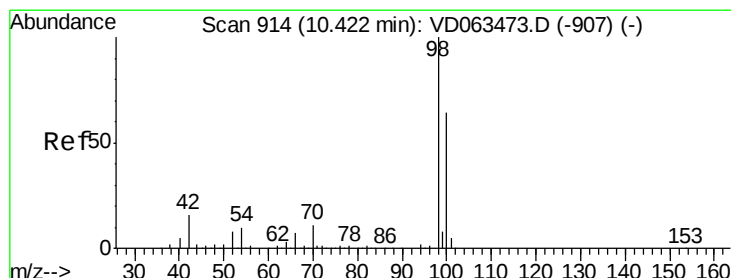
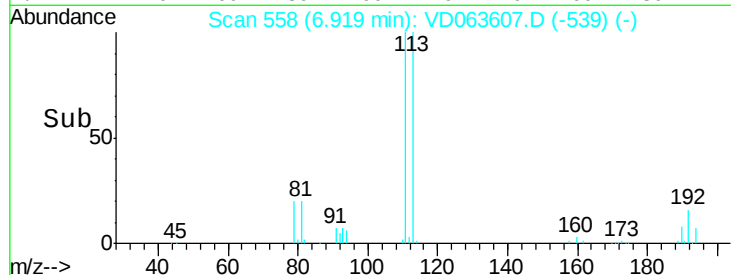
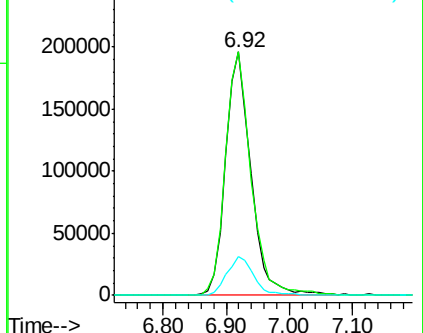
#35
 Dibromofluoromethane
 Concen: 43.928 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.02 min
 Lab File: VD063607.D
 Acq: 15 Aug 2019 16:00

Instrument :
 MSVOA_D
 ClientSampleId :
 SAND-B

Tot Ion:113 Resp: 544510
 Ion Ratio Lower Upper
 113 100
 111 99.9 83.1 124.7
 192 16.1 13.1 19.7

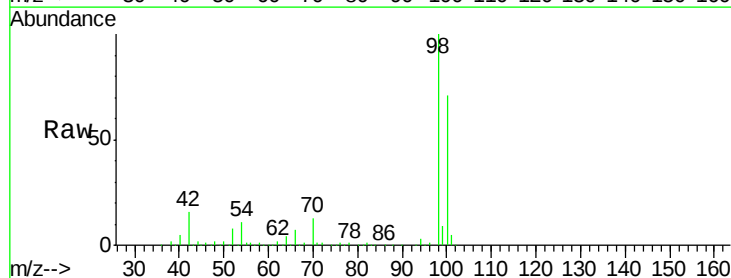


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

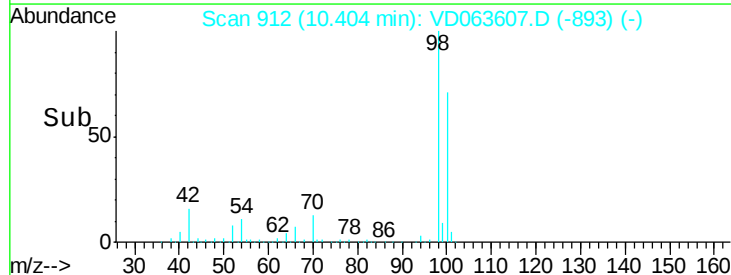
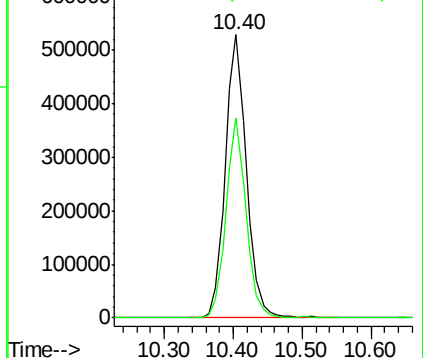


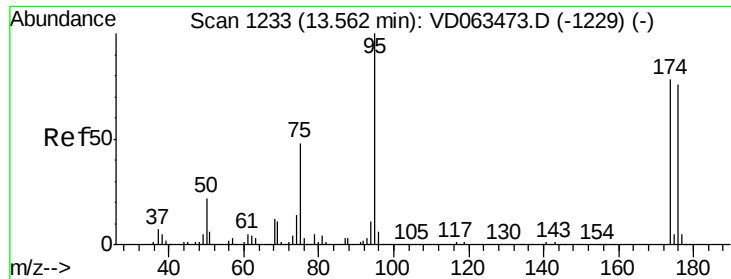
#50
 Toluene-d8
 Concen: 41.048 ug/l
 RT: 10.40 min Scan# 912
 Delta R.T. -0.02 min
 Lab File: VD063607.D
 Acq: 15 Aug 2019 16:00

Tgt Ion: 98 Resp: 1118668
 Ion Ratio Lower Upper
 98 100
 100 70.8 51.7 77.5



Abundance Ion 98.05 (97.75 to 98.75): VDC
 Ion 100.05 (99.75 to 100.75): VDC

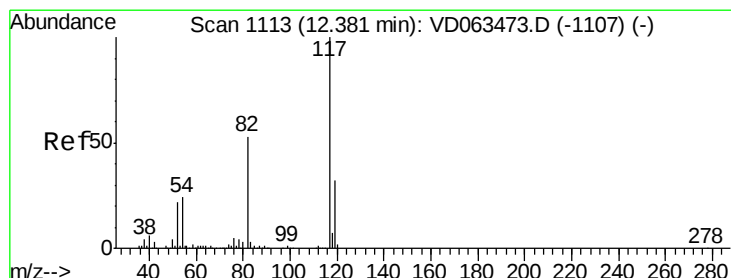
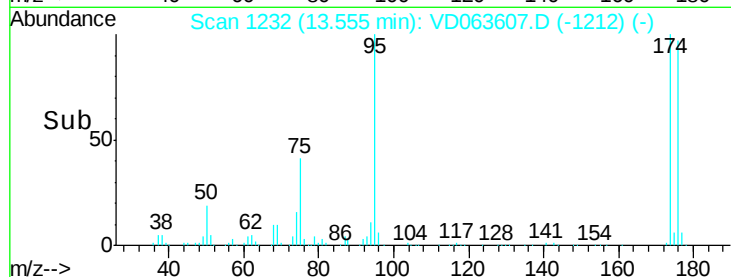
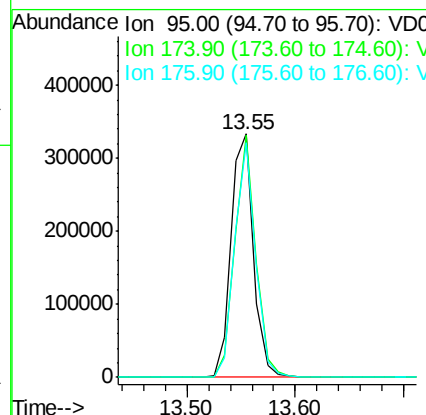
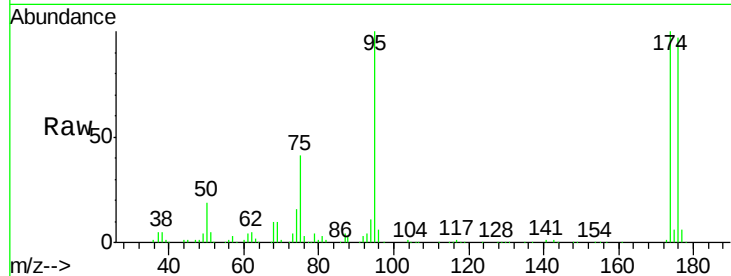




#62
4-Bromofluorobenzene
Concen: 38.745 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063607.D
Acq: 15 Aug 2019 16:00

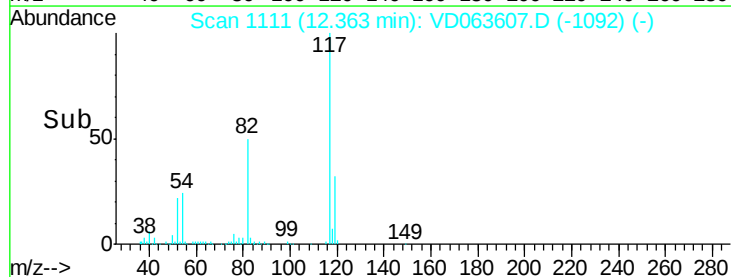
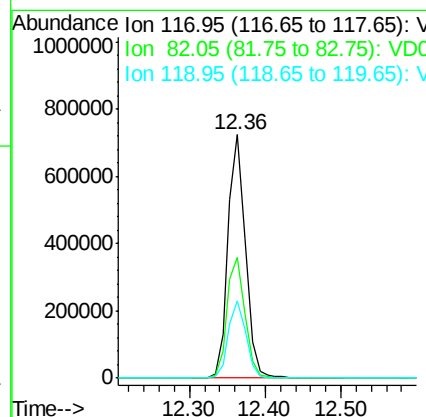
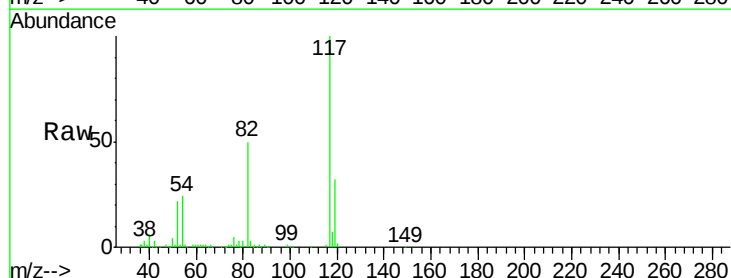
Instrument :
MSVOA_D
ClientSampleId :
SAND-B

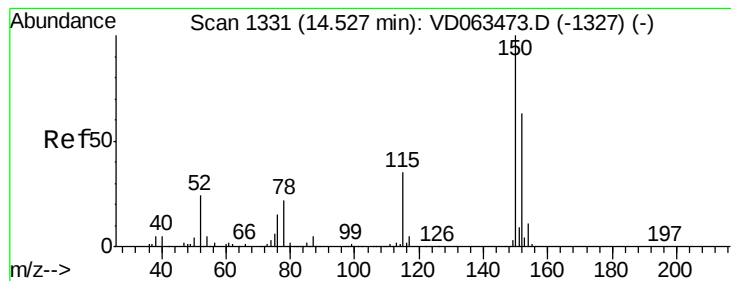
Tot Ion: 95 Resp: 478571
Ion Ratio Lower Upper
95 100
174 99.8 0.0 155.4
176 96.6 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063607.D
Acq: 15 Aug 2019 16:00

Tgt Ion: 117 Resp: 1163846
Ion Ratio Lower Upper
117 100
82 49.5 42.0 63.0
119 31.6 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. -0.01 min

Lab File: VD063607.D

Acq: 15 Aug 2019 16:00

Instrument :

MSVOA_D

ClientSampleId :

SAND-B

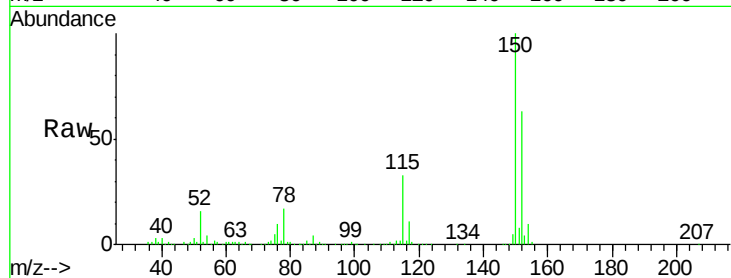
Tot Ion:152 Resp: 611040

Ion Ratio Lower Upper

152 100

115 52.0 30.9 92.7

150 157.7 0.0 318.6



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

