

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040519\
 Data File : VD061630.D
 Acq On : 5 Apr 2019 19:30
 Operator : VA/AP
 Sample : K2195-01RE
 Misc : 4.32g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-07-040319RE

Quant Time: Apr 06 01:22:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

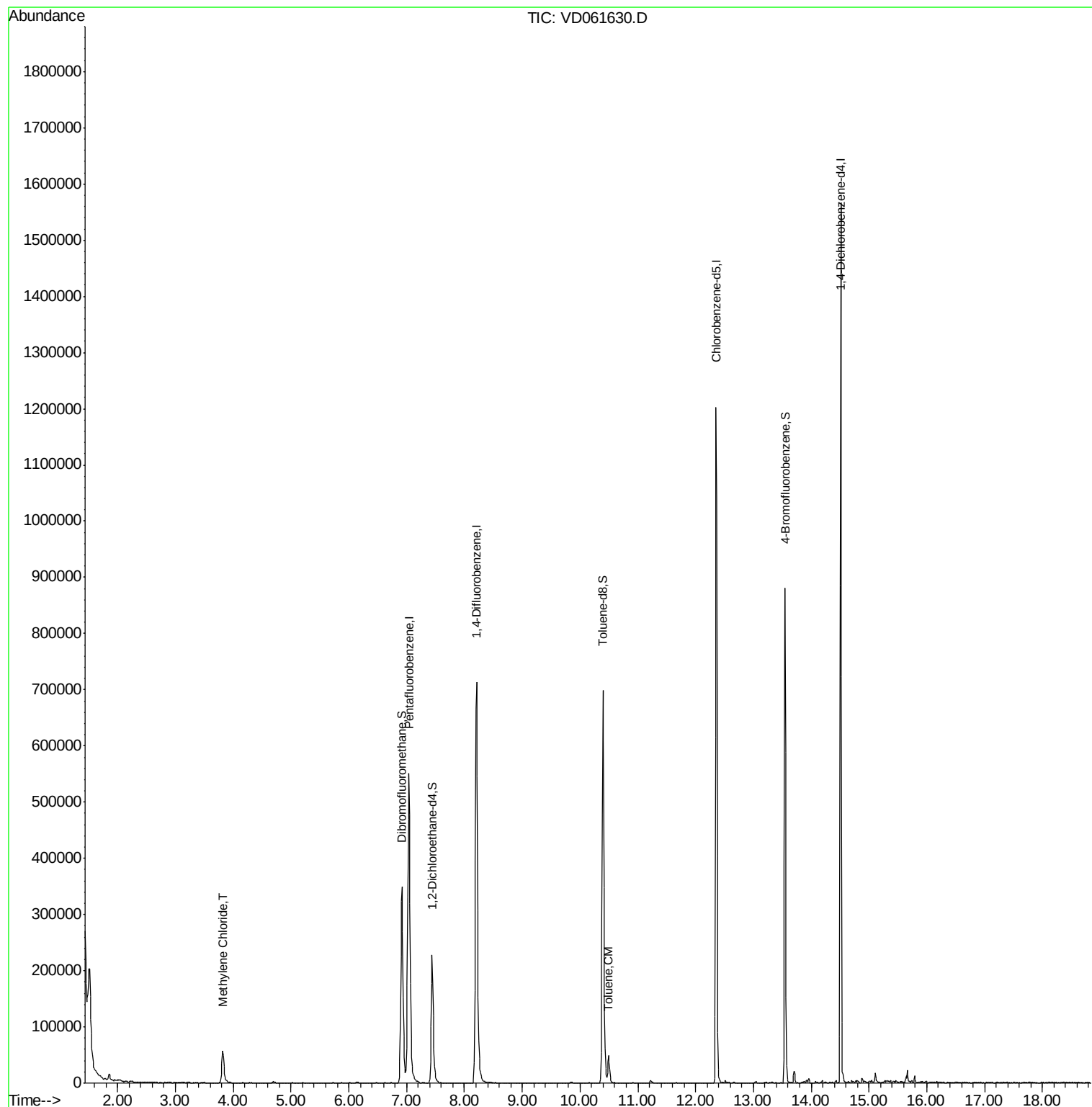
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	597084	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.21	114	923943	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.35	117	790824	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	362823	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	206142	40.42	ug/l	0.01
Spiked Amount	50.000		Recovery	=	80.84%	
35) Dibromofluoromethane	6.92	113	331290	46.92	ug/l	0.02
Spiked Amount	50.000		Recovery	=	93.84%	
50) Toluene-d8	10.39	98	615333	36.34	ug/l	0.01
Spiked Amount	50.000		Recovery	=	72.68%	
62) 4-Bromofluorobenzene	13.54	95	277100	42.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.34%	
Target Compounds						
20) Methylene Chloride	3.82	84	45675	4.470	ug/l	97
52) Toluene	10.49	92	27656	2.240	ug/l	96

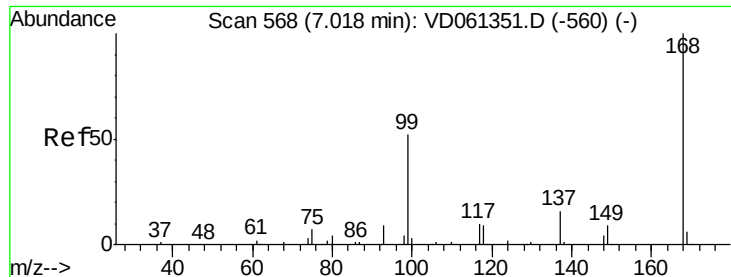
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 28 09:22:37 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.02 min

Lab File: VD061630.D

Acq: 5 Apr 2019 19:30

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MSVOA_D

ClientSampleId :

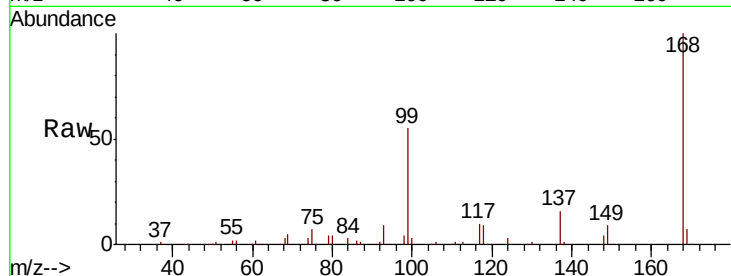
NB-07-040319RE

Tot Ion:168 Resp: 597084

Ion Ratio Lower Upper

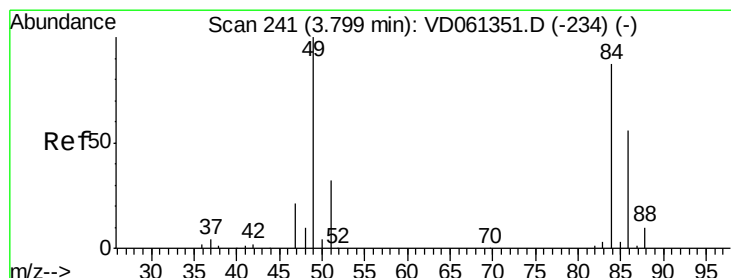
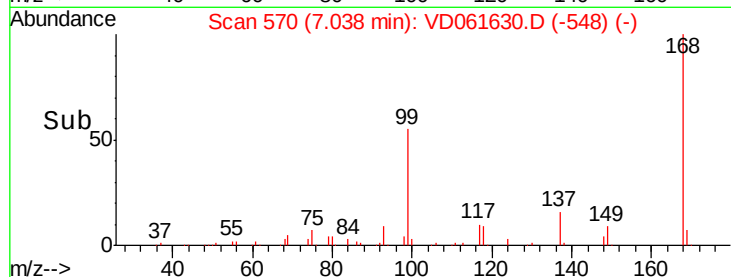
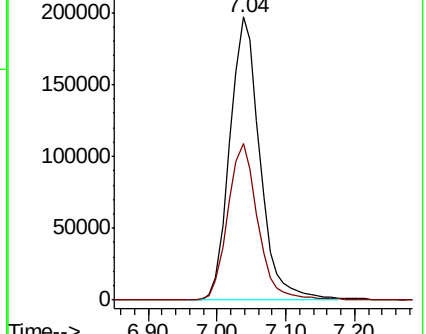
168 100

99 55.4 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 4.470 ug/l

RT: 3.82 min Scan# 243

Delta R.T. 0.02 min

Lab File: VD061630.D

Acq: 5 Apr 2019 19:30

Tgt Ion: 84 Resp: 45675

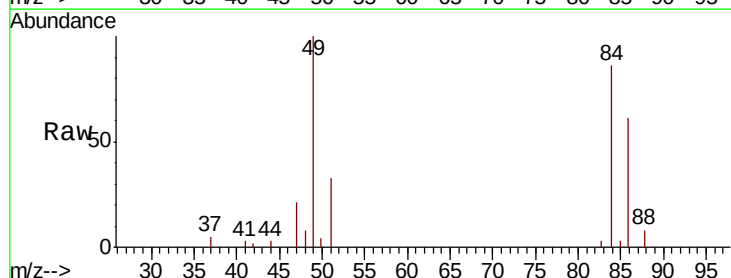
Ion Ratio Lower Upper

84 100

49 115.6 91.8 137.8

51 37.7 29.8 44.8

86 71.0 51.8 77.6

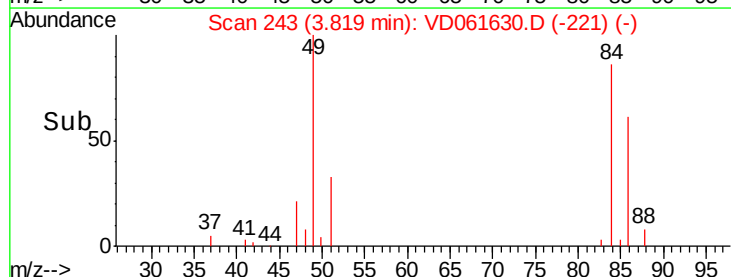
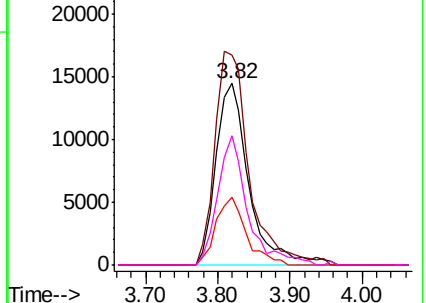


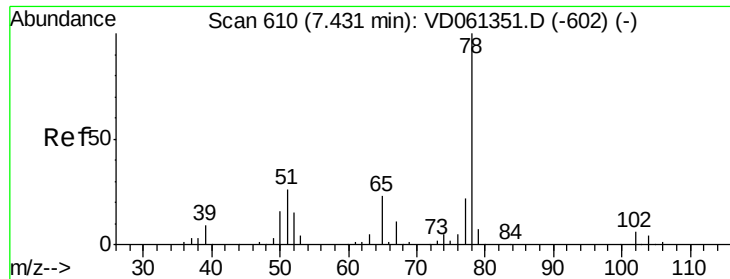
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

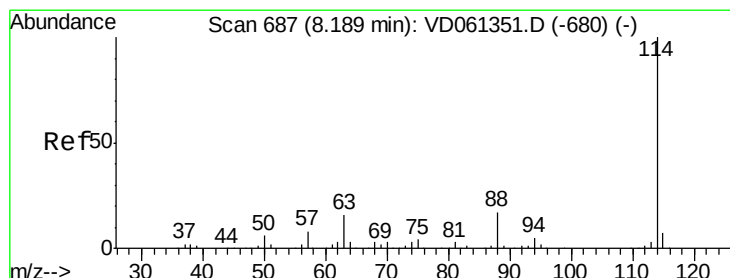
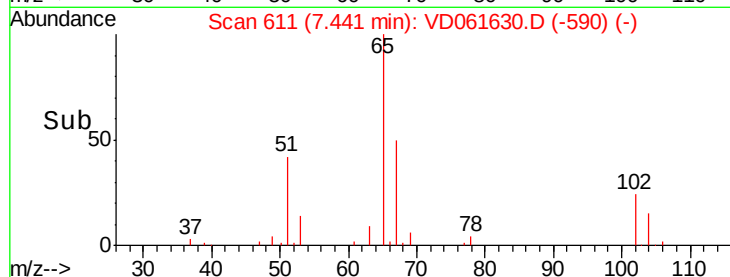
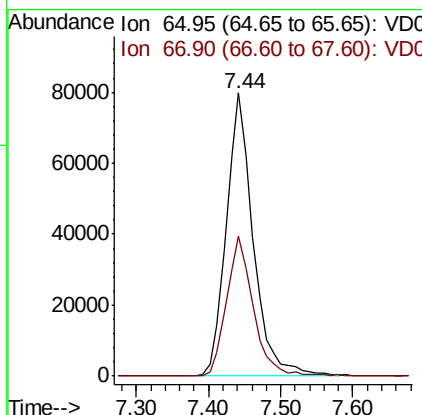
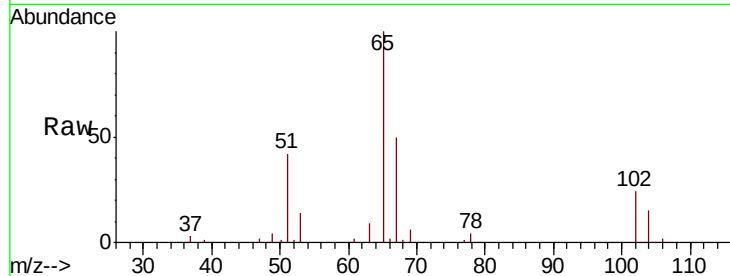




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. 0.01 min
 Lab File: VD061630.D
 Acq: 5 Apr 2019 19:30

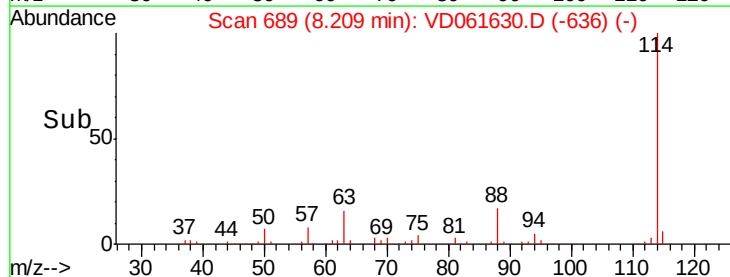
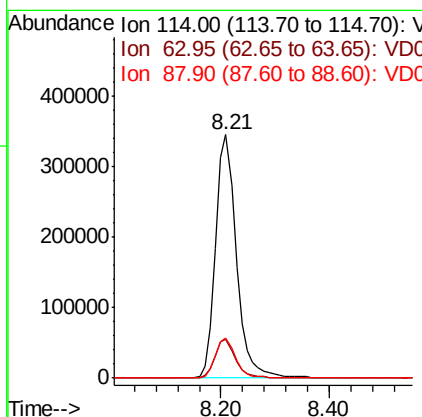
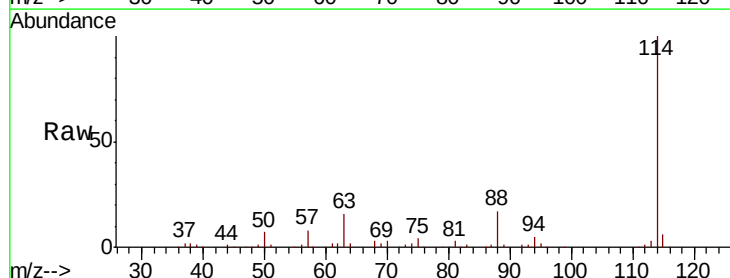
Instrument :
 MSVOA_D
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 NB-07-040319RE

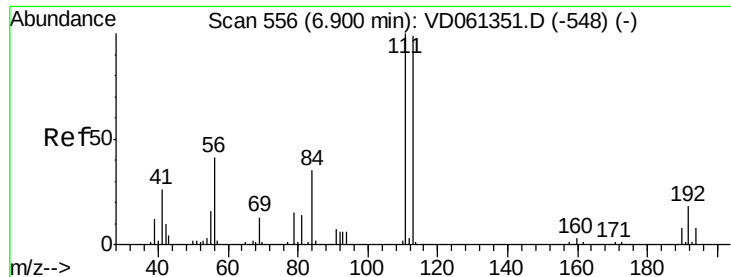
Tot Ion: 65 Resp: 206142
 Ion Ratio Lower Upper
 65 100
 67 49.5 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.02 min
 Lab File: VD061630.D
 Acq: 5 Apr 2019 19:30

Tgt Ion: 114 Resp: 923943
 Ion Ratio Lower Upper
 114 100
 63 15.8 0.0 31.6
 88 16.7 0.0 33.4

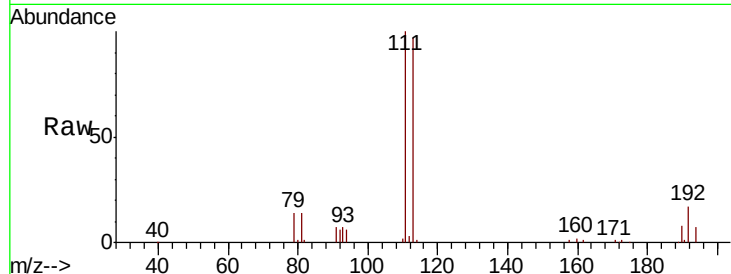




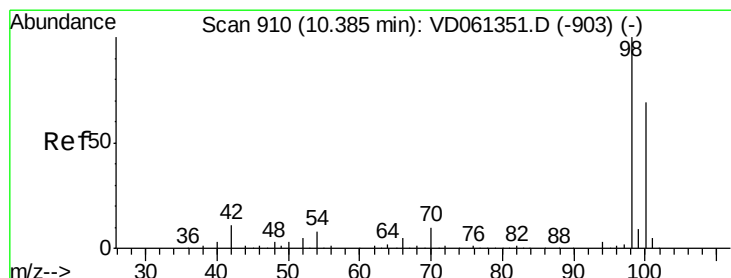
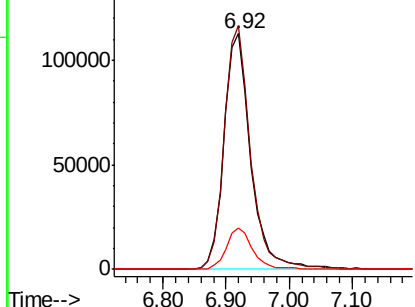
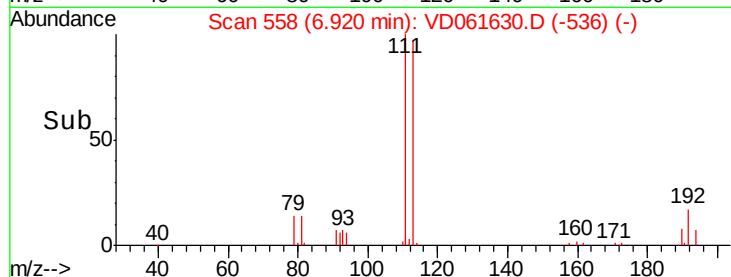
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.02 min
 Lab File: VD061630.D
 Acq: 5 Apr 2019 19:30

Instrument :
 MSVOA_D
 ClientSampleId :
 NB-07-040319RE

Tot Ion:113 Resp: 331290
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.0 121.6
 192 17.3 14.4 21.6

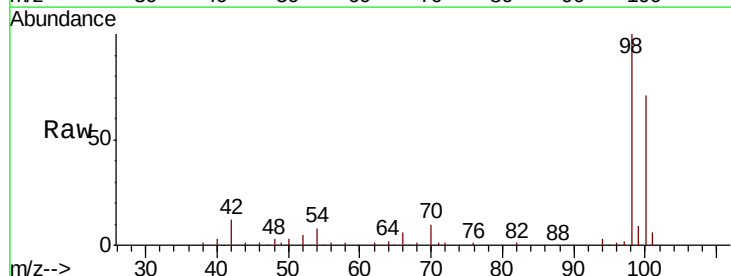


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

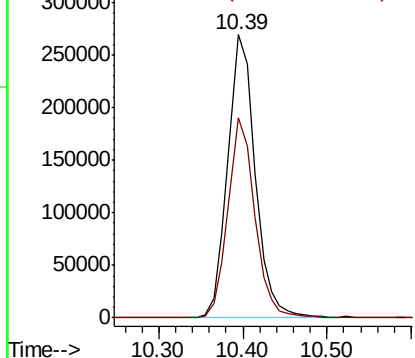
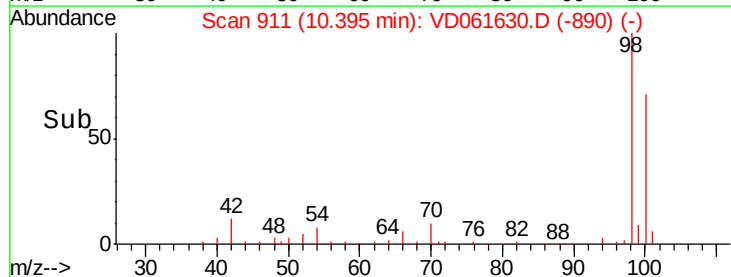


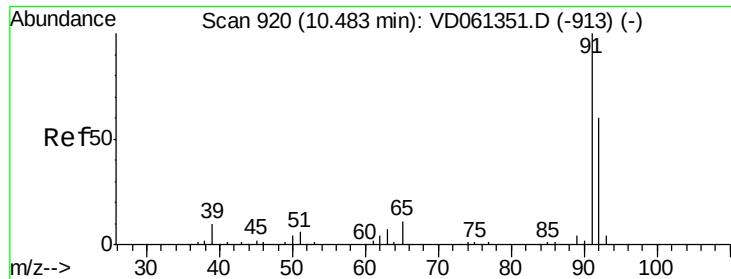
#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.39 min Scan# 911
 Delta R.T. 0.01 min
 Lab File: VD061630.D
 Acq: 5 Apr 2019 19:30

Tgt Ion: 98 Resp: 615333
 Ion Ratio Lower Upper
 98 100
 100 70.6 56.2 84.2



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





#52

Toluene

Concen: 2.240 ug/l

RT: 10.49 min Scan# 921

Delta R.T. 0.01 min

Lab File: VD061630.D

Acq: 5 Apr 2019 19:30

Instrument :

MSVOA_D

ClientSampleId :

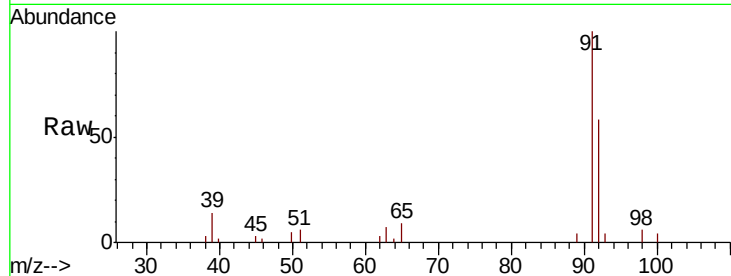
NB-07-040319RE

Tot Ion: 92 Resp: 27656

Ion Ratio Lower Upper

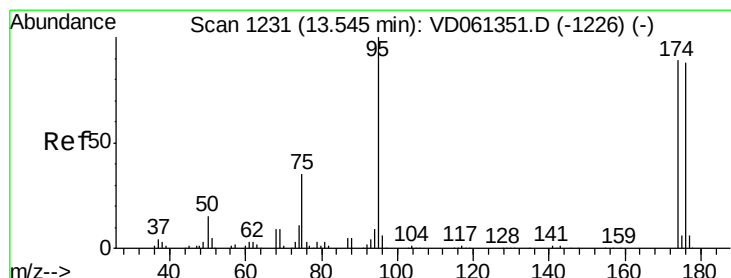
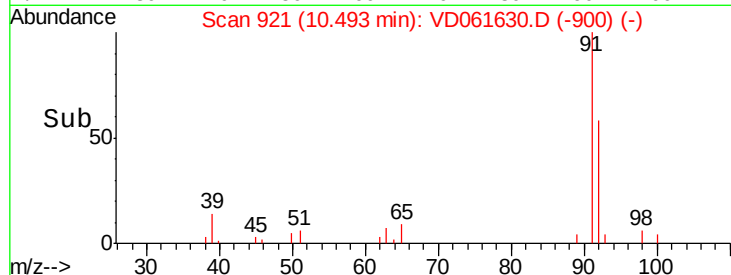
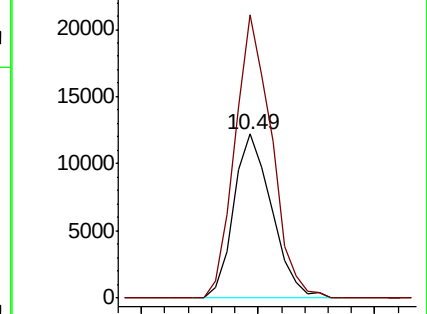
92 100

91 172.7 133.3 199.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.54 min Scan# 1231

Delta R.T. 0.00 min

Lab File: VD061630.D

Acq: 5 Apr 2019 19:30

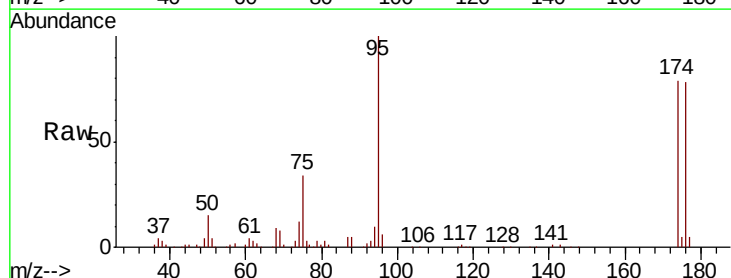
Tgt Ion: 95 Resp: 277100

Ion Ratio Lower Upper

95 100

174 79.2 0.0 178.0

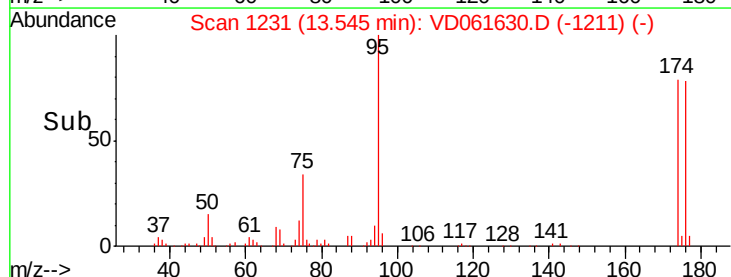
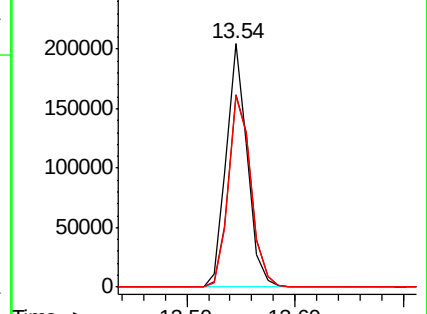
176 78.4 0.0 175.0

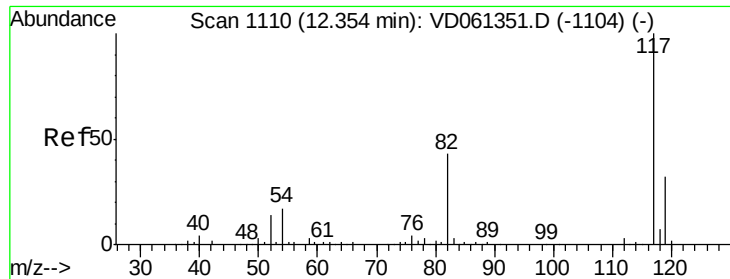


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

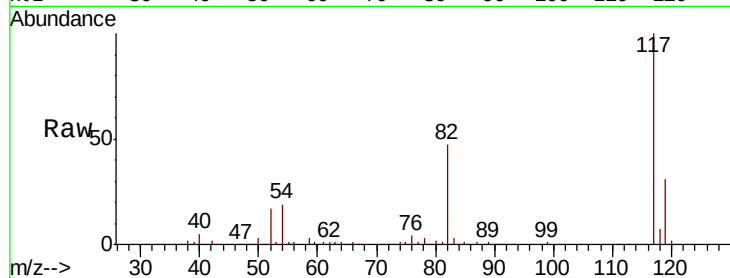




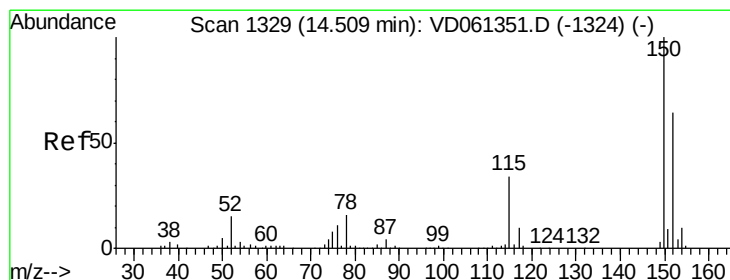
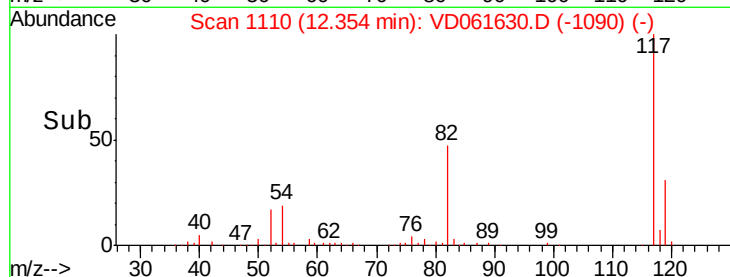
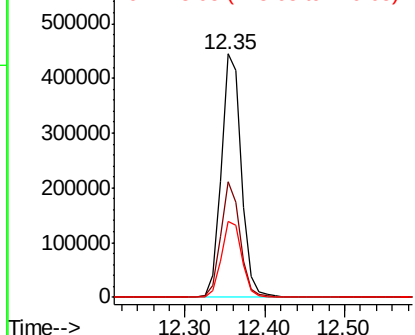
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. 0.00 min
Lab File: VD061630.D
Acq: 5 Apr 2019 19:30

Instrument :
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ClientSampleId :
NB-07-040319RE

Tot Ion:117 Resp: 790824
Ion Ratio Lower Upper
117 100
82 47.5 34.4 51.6
119 31.4 25.8 38.6

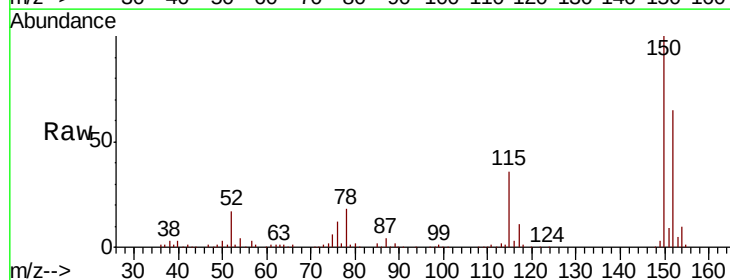


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. 0.00 min
Lab File: VD061630.D
Acq: 5 Apr 2019 19:30

Tgt Ion:152 Resp: 362823
Ion Ratio Lower Upper
152 100
115 55.5 26.9 80.6
150 154.8 0.0 318.0



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

