

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040119\
 Data File : VD061505.D
 Acq On : 2 Apr 2019 9:57
 Operator : VA/AP
 Sample : K2179-06
 Misc : 5.57g/5ml/MSVOA D/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4D2

Quant Time: Apr 03 01:18:56 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

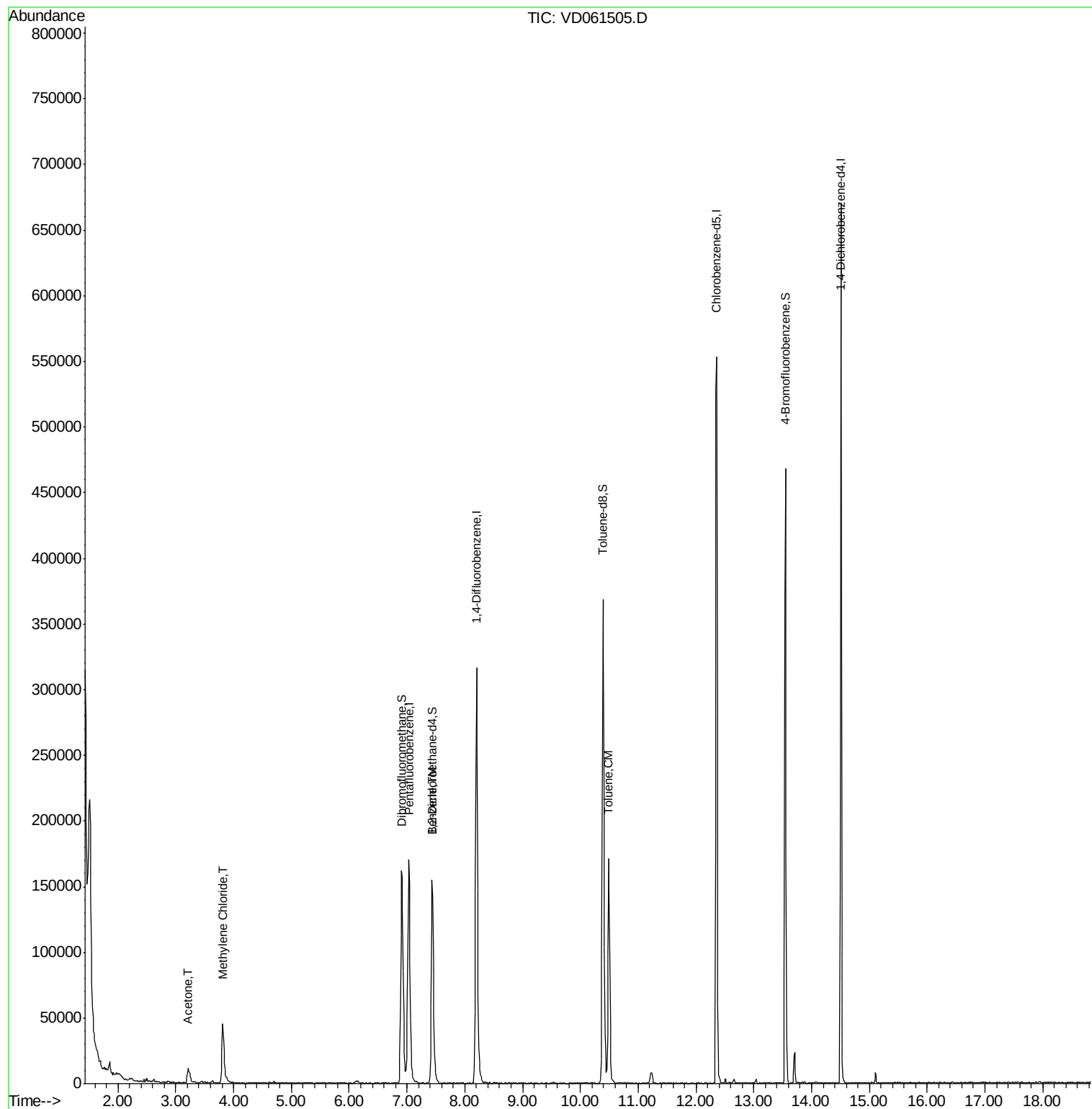
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	184190	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.20	114	388297	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.36	117	373803	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.50	152	160240	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	138614	88.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	176.20%	
35) Dibromofluoromethane	6.90	113	169504	57.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.24%	
50) Toluene-d8	10.39	98	334628	47.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.04%	
62) 4-Bromofluorobenzene	13.55	95	149541	54.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.58%	
Target Compounds						
16) Acetone	3.21	43	23006	56.879	ug/l	94
20) Methylene Chloride	3.81	84	36763	14.876	ug/l	94
40) Benzene	7.44	78	16588	1.950	ug/l #	89
52) Toluene	10.49	92	98717	19.025	ug/l	97

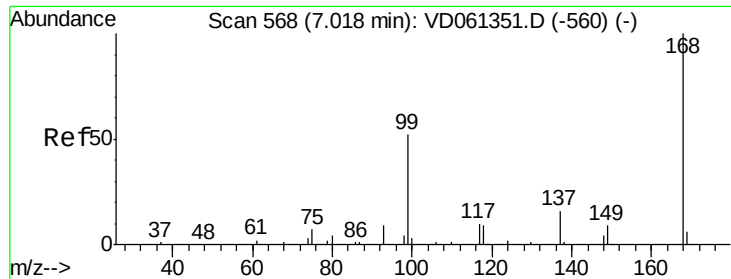
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040119\
Data File : VD061505.D
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. 0.01 min

Lab File: VD061505.D

Acq: 2 Apr 2019 9:57

Instrument :

MSVOA_D

ClientSampleId :

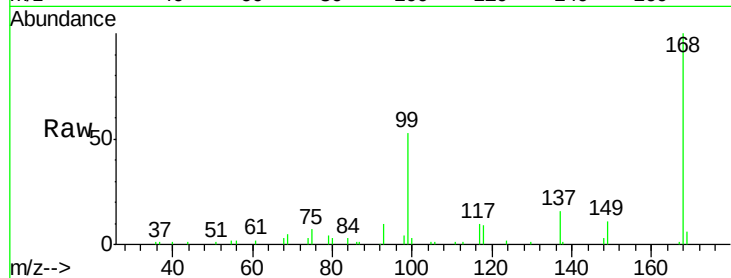
TP-4D2

Tot Ion:168 Resp: 184190

Ion Ratio Lower Upper

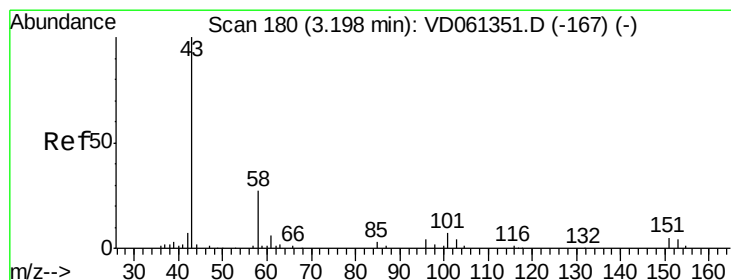
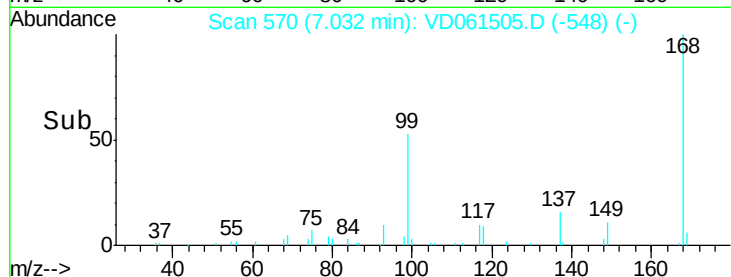
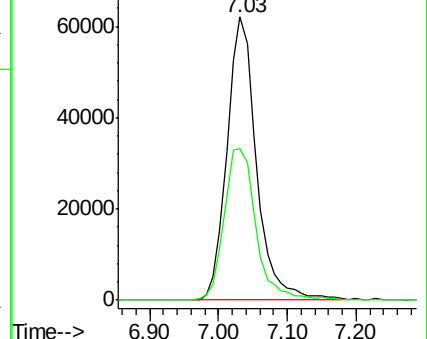
168 100

99 53.4 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 56.879 ug/l

RT: 3.21 min Scan# 182

Delta R.T. 0.01 min

Lab File: VD061505.D

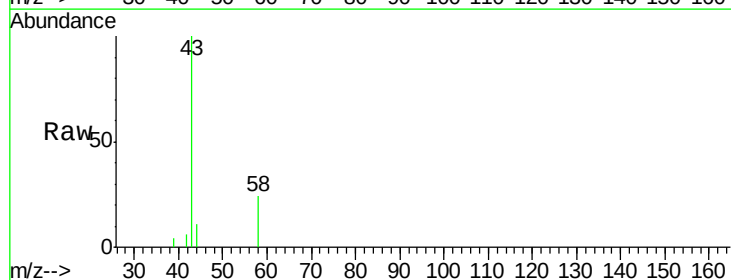
Acq: 2 Apr 2019 9:57

Tgt Ion: 43 Resp: 23006

Ion Ratio Lower Upper

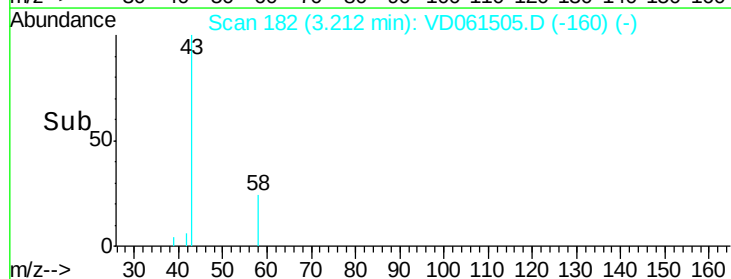
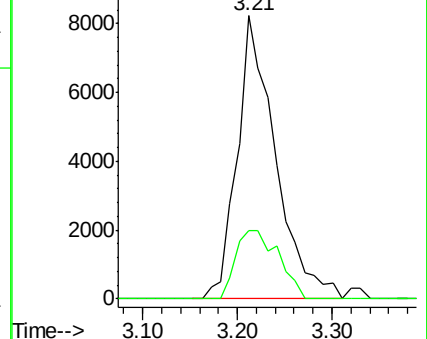
43 100

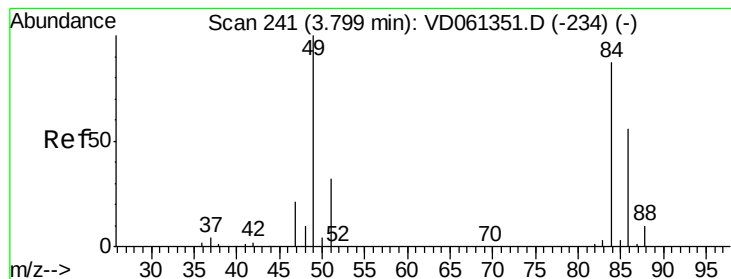
58 24.0 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 14.876 ug/l

RT: 3.81 min Scan# 243

Delta R.T. 0.01 min

Lab File: VD061505.D

Acq: 2 Apr 2019 9:57

Instrument :

MSVOA_D

ClientSampleId :

TP-4D2

Tot Ion: 84 Resp: 36763

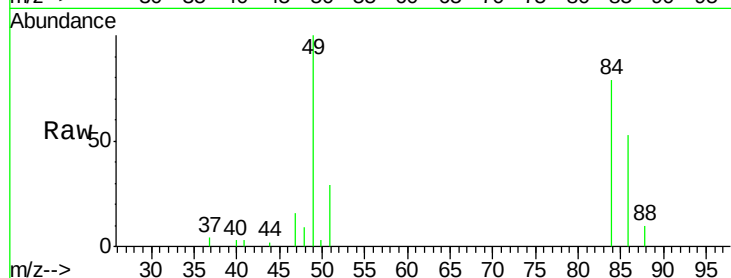
Ion Ratio Lower Upper

84 100

49 126.0 91.8 137.8

51 36.4 29.8 44.8

86 66.2 51.8 77.6

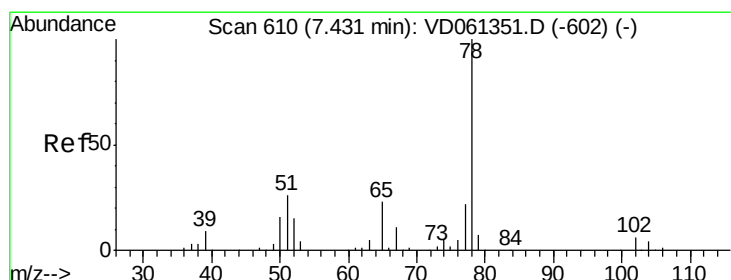
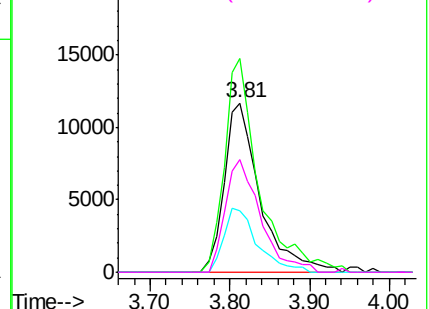
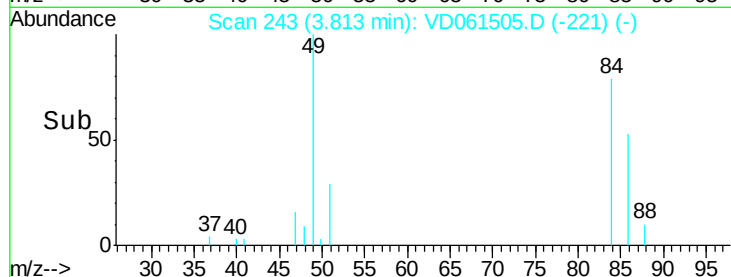


Abundance Ion 83.95 (83.65 to 84.65): VDC

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. 0.00 min

Lab File: VD061505.D

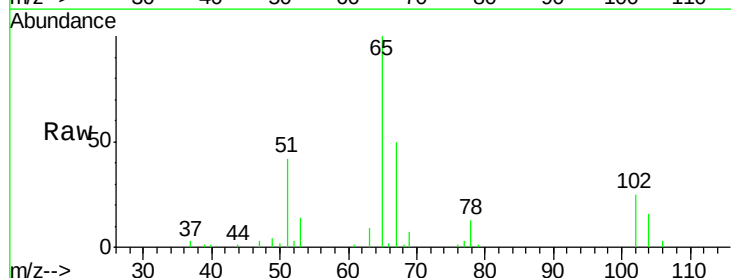
Acq: 2 Apr 2019 9:57

Tgt Ion: 65 Resp: 138614

Ion Ratio Lower Upper

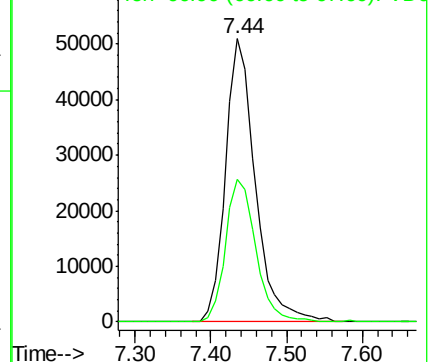
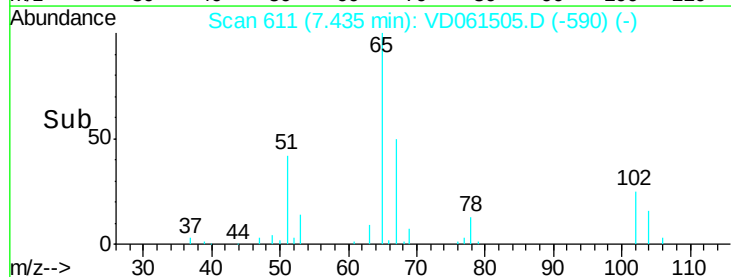
65 100

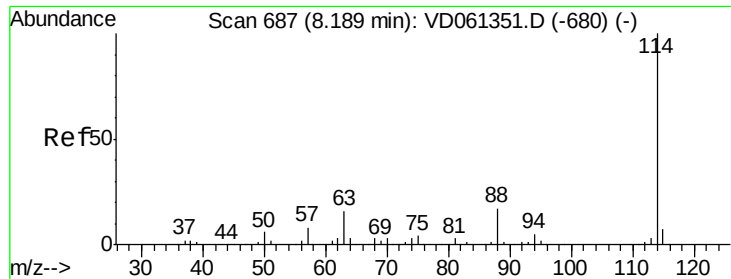
67 50.4 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

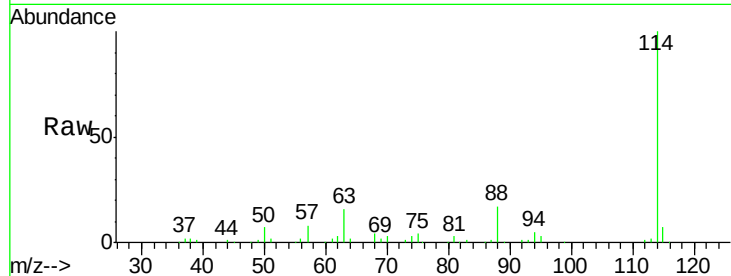




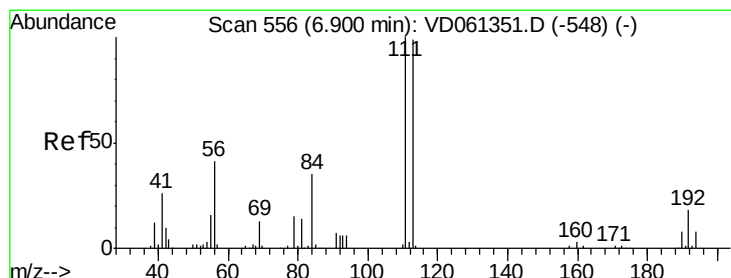
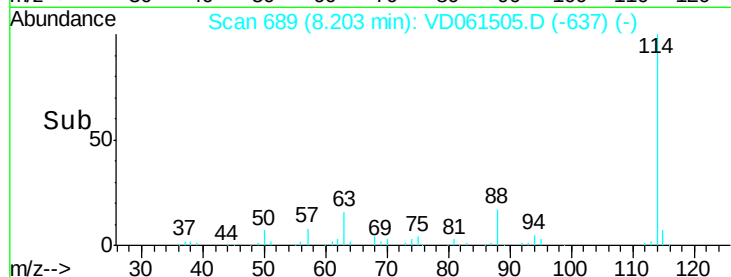
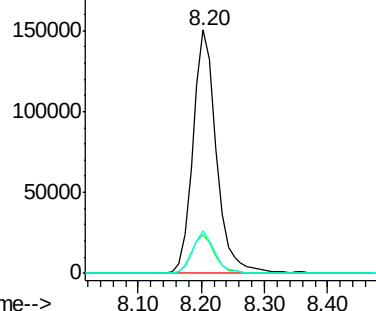
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 689
 Delta R.T. 0.01 min
 Lab File: VD061505.D
 Acq: 2 Apr 2019 9:57

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4D2

Tot Ion:114 Resp: 388297
 Ion Ratio Lower Upper
 114 100
 63 15.9 0.0 31.6
 88 17.5 0.0 33.4

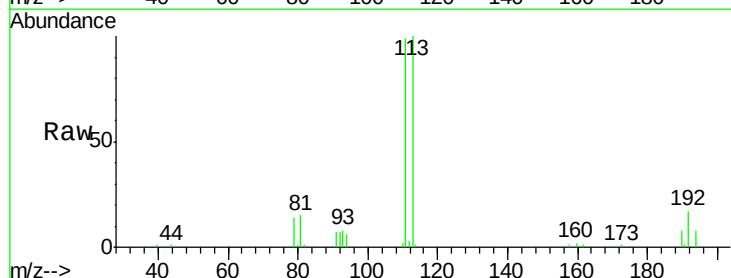


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

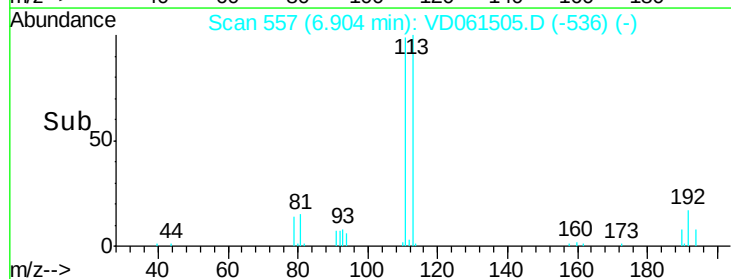
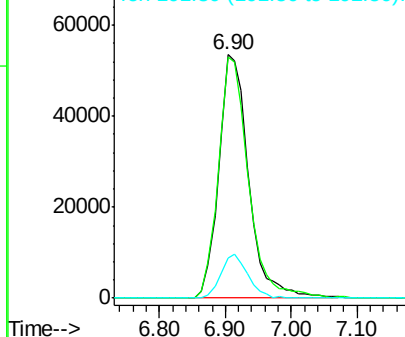


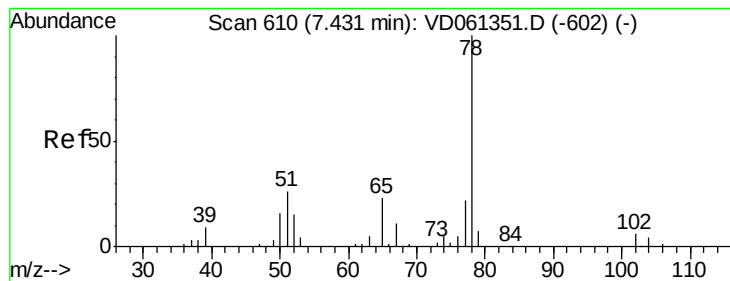
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.90 min Scan# 557
 Delta R.T. 0.00 min
 Lab File: VD061505.D
 Acq: 2 Apr 2019 9:57

Tgt Ion:113 Resp: 169504
 Ion Ratio Lower Upper
 113 100
 111 99.0 81.0 121.6
 192 16.6 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





#40

Benzene

Concen: 1.950 ug/l

RT: 7.44 min Scan# 611

Delta R.T. 0.00 min

Lab File: VD061505.D

Acq: 2 Apr 2019 9:57

Instrument :

MSVOA_D

ClientSampleId :

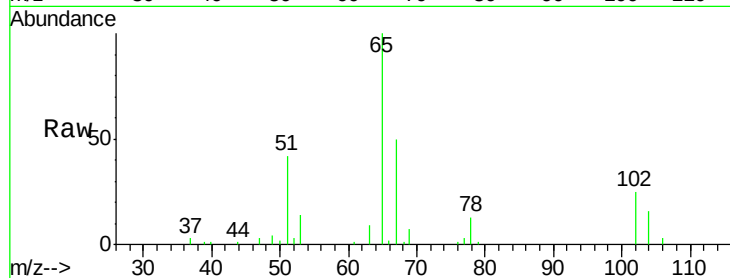
TP-4D2

Tot Ion: 78 Resp: 16588

Ion Ratio Lower Upper

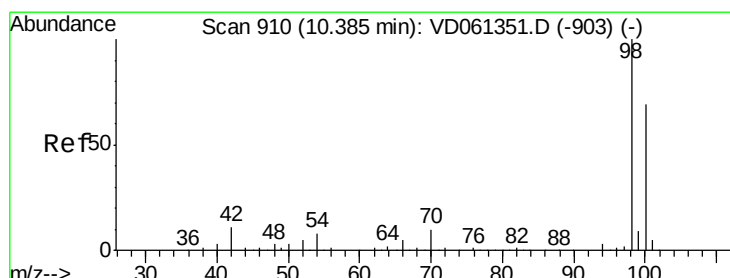
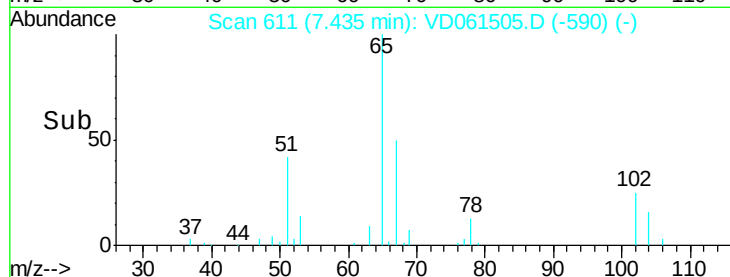
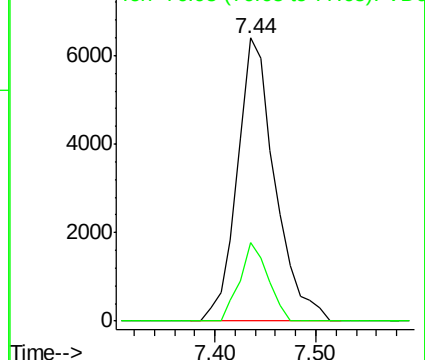
78 100

77 27.5 17.8 26.6#



Abundance Ion 77.95 (77.65 to 78.65): VDC

Ion 76.95 (76.65 to 77.65): VDC



#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.39 min Scan# 911

Delta R.T. 0.00 min

Lab File: VD061505.D

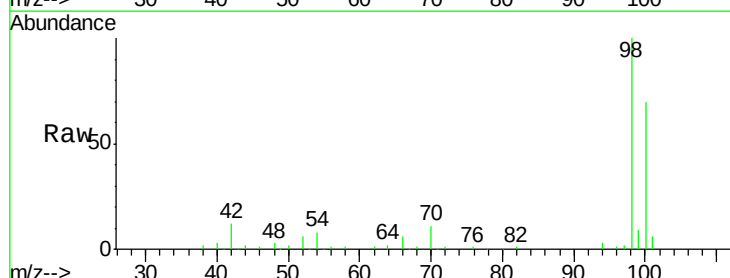
Acq: 2 Apr 2019 9:57

Tgt Ion: 98 Resp: 334628

Ion Ratio Lower Upper

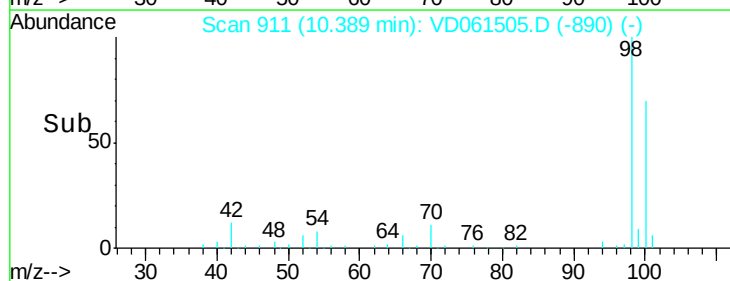
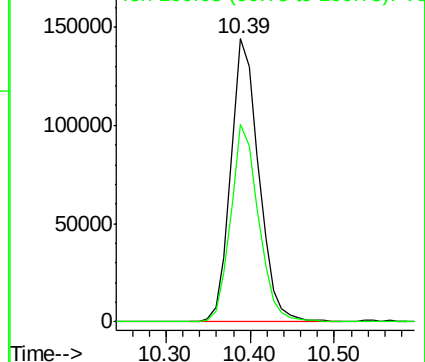
98 100

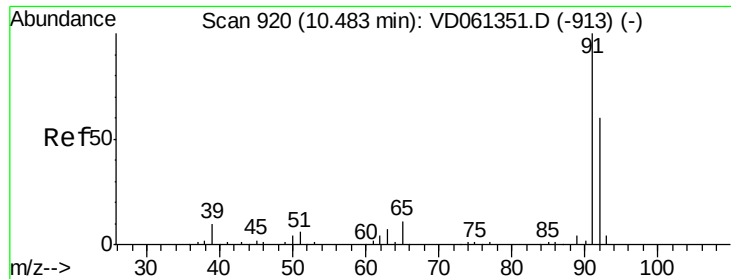
100 69.7 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC





#52

Toluene

Concen: 19.025 ug/l

RT: 10.49 min Scan# 921

Delta R.T. 0.00 min

Lab File: VD061505.D

Acq: 2 Apr 2019 9:57

Instrument :

MSVOA_D

ClientSampleId :

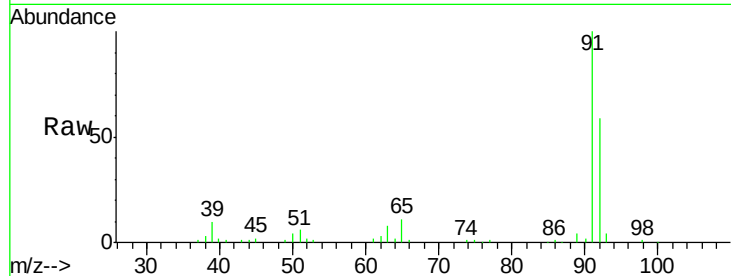
TP-4D2

Tot Ion: 92 Resp: 98717

Ion Ratio Lower Upper

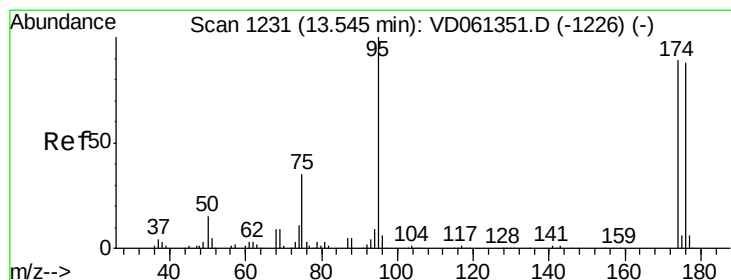
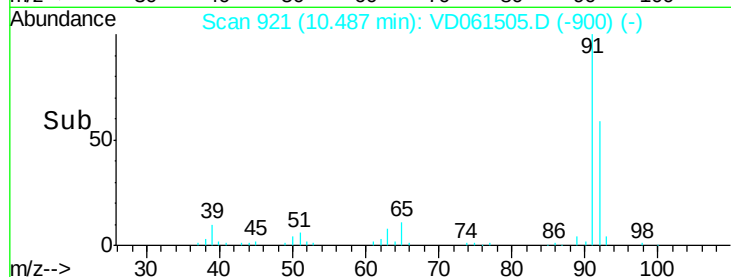
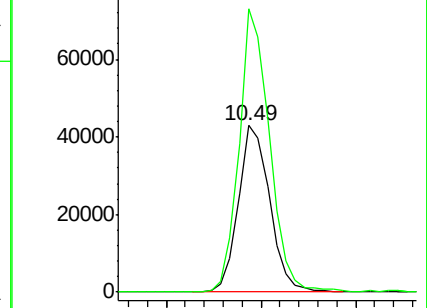
92 100

91 170.2 133.3 199.9



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: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD061505.D

Acq: 2 Apr 2019 9:57

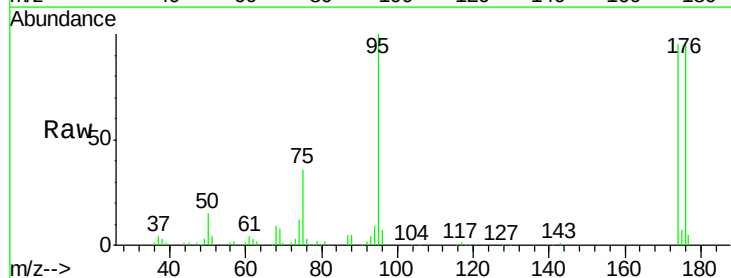
Tgt Ion: 95 Resp: 149541

Ion Ratio Lower Upper

95 100

174 95.4 0.0 178.0

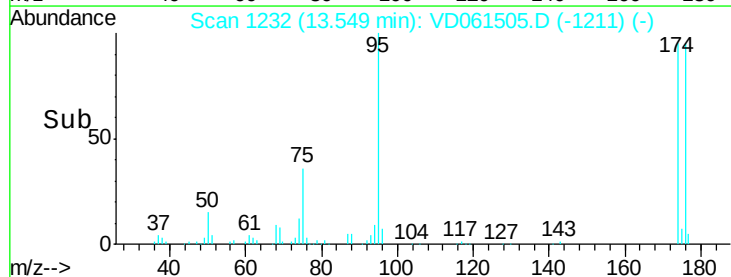
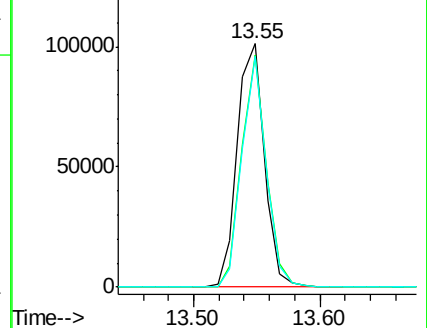
176 94.8 0.0 175.0

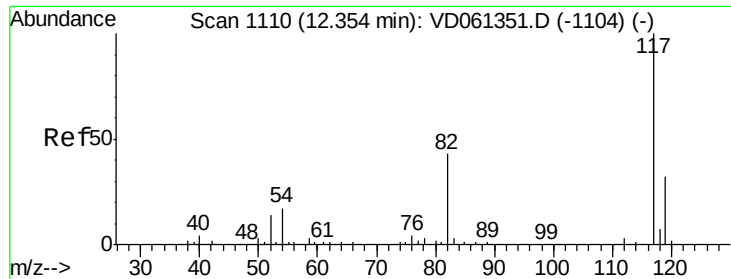


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

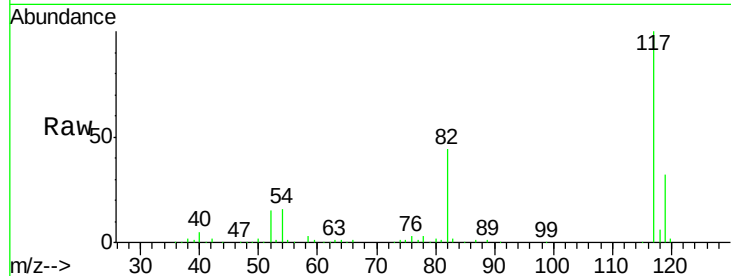




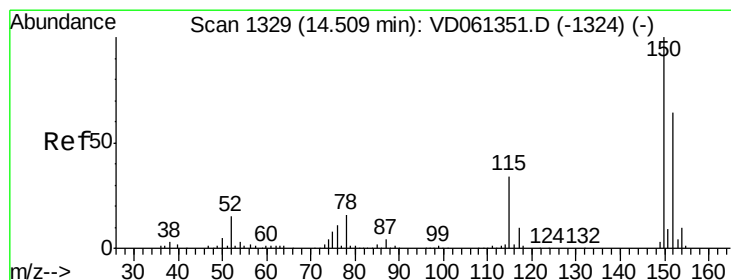
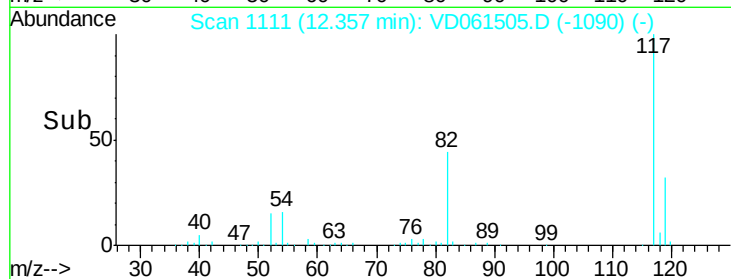
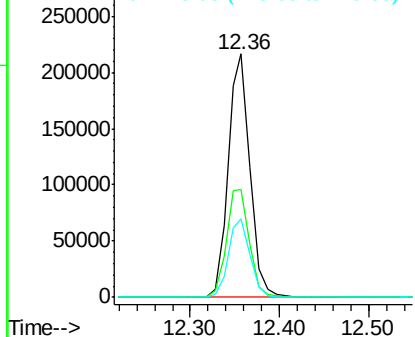
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD061505.D
Acq: 2 Apr 2019 9:57

Instrument :
MSVOA_D
ClientSampleId :
TP-4D2

Tot Ion:117 Resp: 373803
Ion Ratio Lower Upper
117 100
82 44.5 34.4 51.6
119 32.4 25.8 38.6

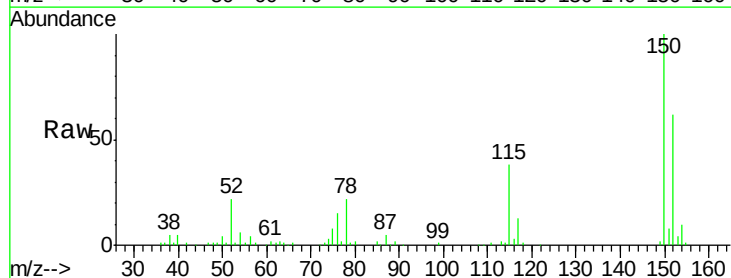


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.50 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD061505.D
Acq: 2 Apr 2019 9:57

Tgt Ion:152 Resp: 160240
Ion Ratio Lower Upper
152 100
115 61.1 26.9 80.6
150 160.0 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

