

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040119\
 Data File : VD061503.D
 Acq On : 2 Apr 2019 9:02
 Operator : VA/AP
 Sample : K2180-30
 Misc : 6.42g/5ml/MSVOA D/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3-2

Quant Time: Apr 03 01:16:02 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

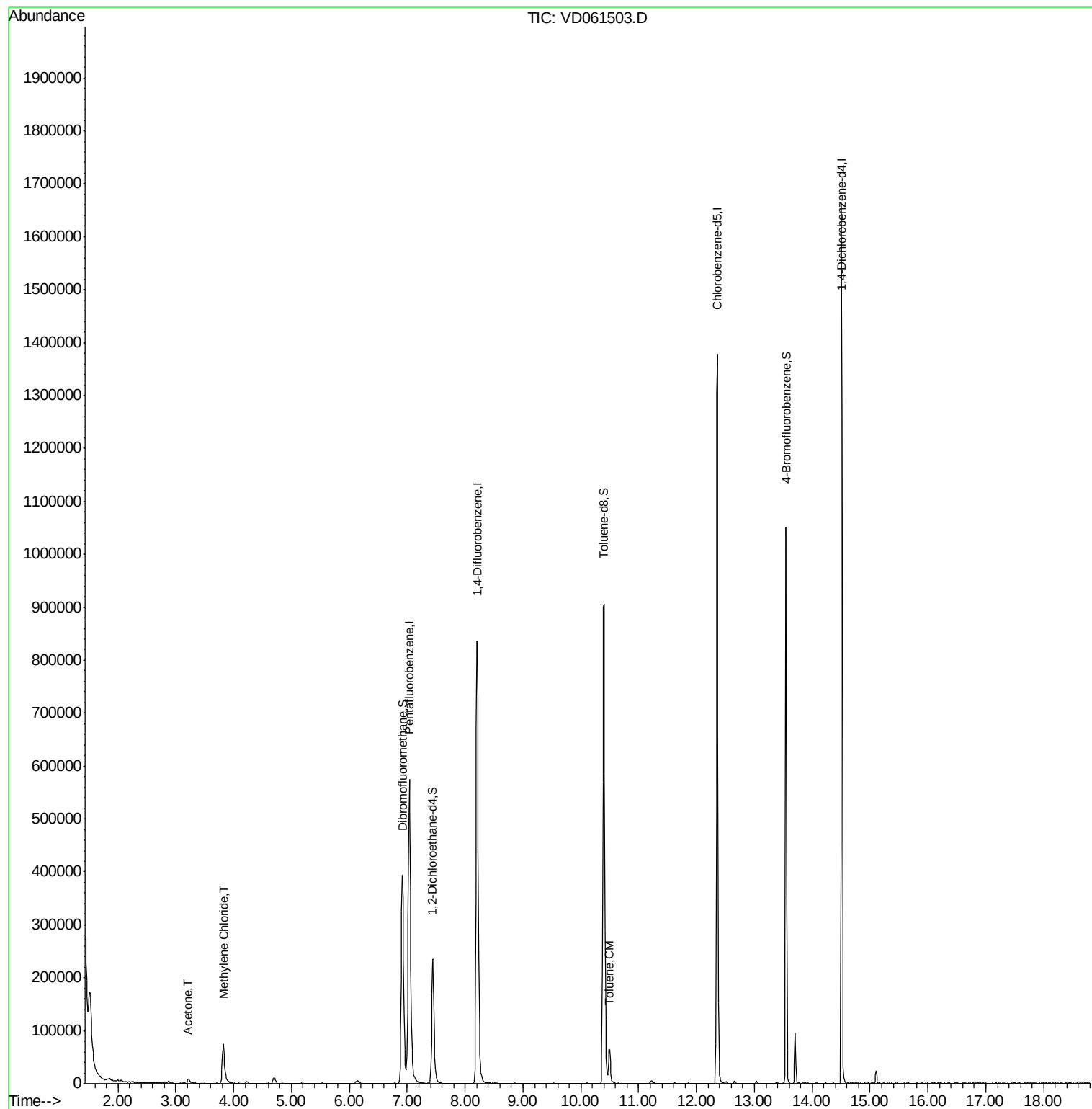
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	623415	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.20	114	1068358	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.36	117	934254	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.50	152	390501	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	235507	44.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.44%	
35) Dibromofluoromethane	6.91	113	383301	46.95	ug/l	0.01
Spiked Amount 50.000			Recovery	=	93.90%	
50) Toluene-d8	10.40	98	858325	43.83	ug/l	0.01
Spiked Amount 50.000			Recovery	=	87.66%	
62) 4-Bromofluorobenzene	13.54	95	370266	49.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.62%	
Target Compounds						
16) Acetone	3.21	43	18390	13.433	ug/l	98
20) Methylene Chloride	3.82	84	63533	6.618	ug/l	92
52) Toluene	10.50	92	36971	2.590	ug/l	96

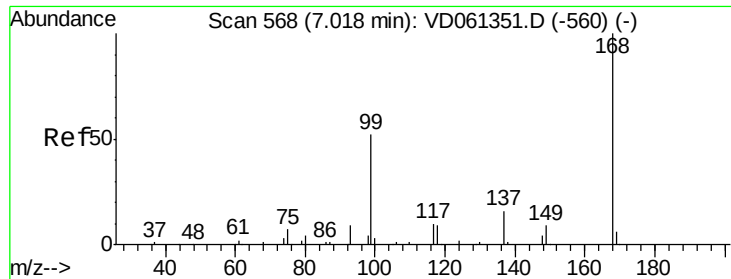
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD061503.D

Acq: 2 Apr 2019 9:02

Instrument :

MSVOA_D

ClientSampleId :

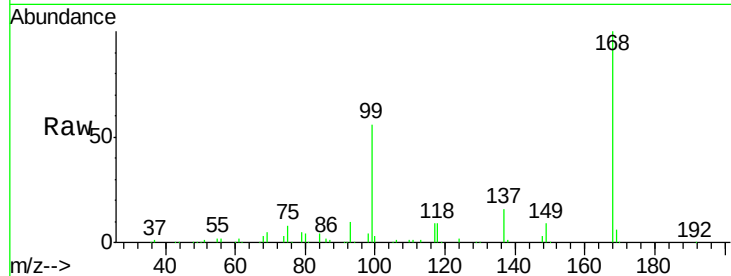
TP-3-2

Tot Ion:168 Resp: 623415

Ion Ratio Lower Upper

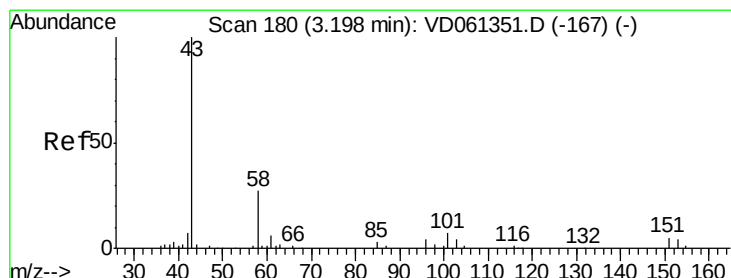
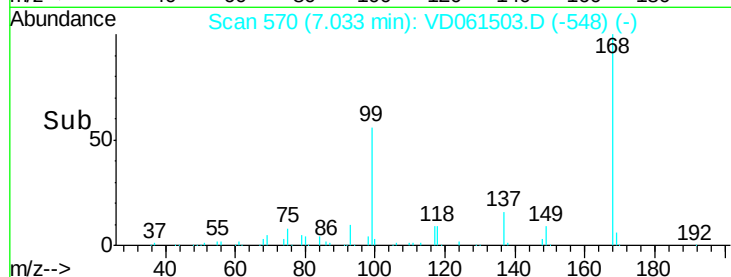
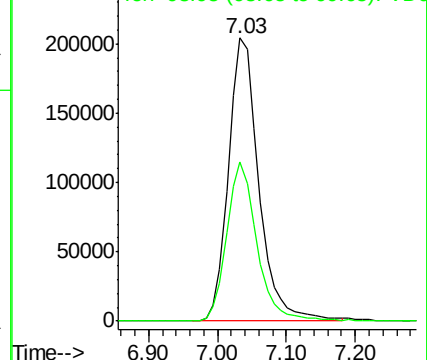
168 100

99 56.1 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: 13.433 ug/l

RT: 3.21 min Scan# 182

Delta R.T. 0.01 min

Lab File: VD061503.D

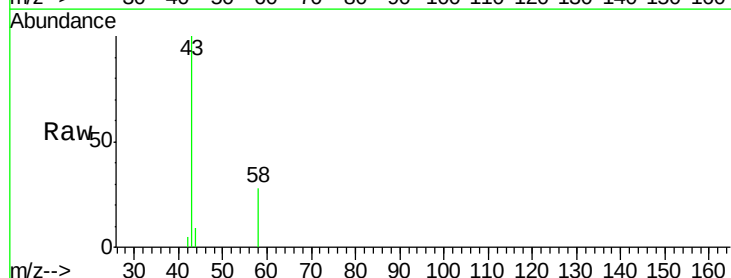
Acq: 2 Apr 2019 9:02

Tgt Ion: 43 Resp: 18390

Ion Ratio Lower Upper

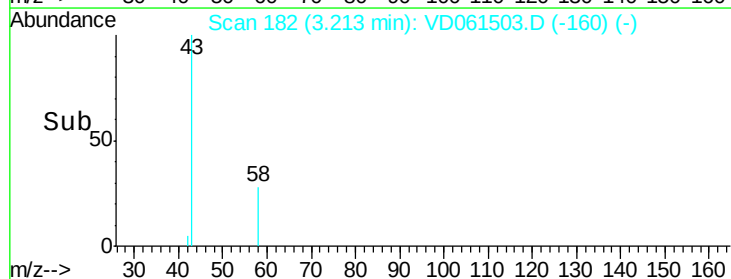
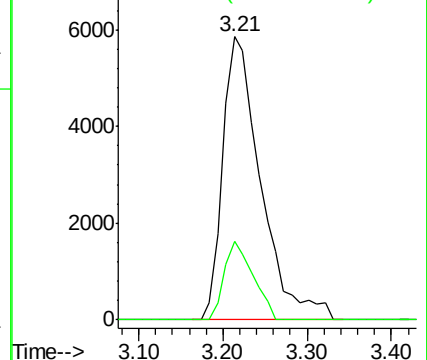
43 100

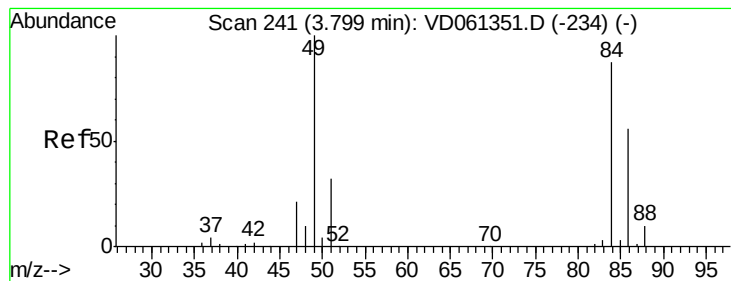
58 27.8 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 6.618 ug/l

RT: 3.82 min Scan# 244

Delta R.T. 0.02 min

Lab File: VD061503.D

Acq: 2 Apr 2019 9:02

Instrument :

MSVOA_D

ClientSampleId :

TP-3-2

Tot Ion: 84 Resp: 63533

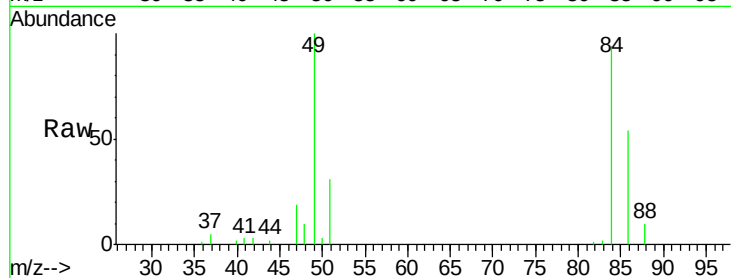
Ion Ratio Lower Upper

84 100

49 105.9 91.8 137.8

51 32.7 29.8 44.8

86 57.4 51.8 77.6

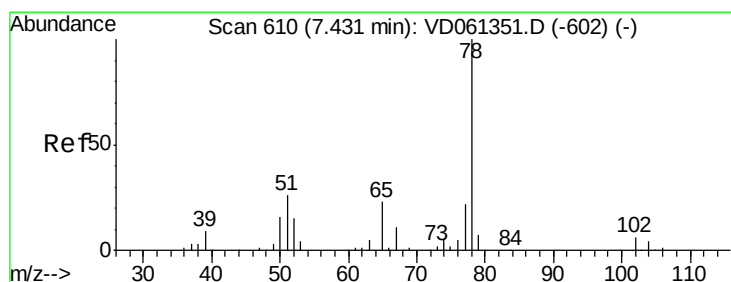
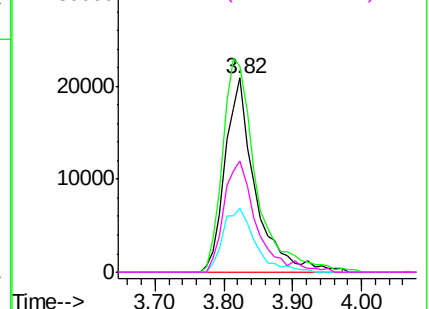
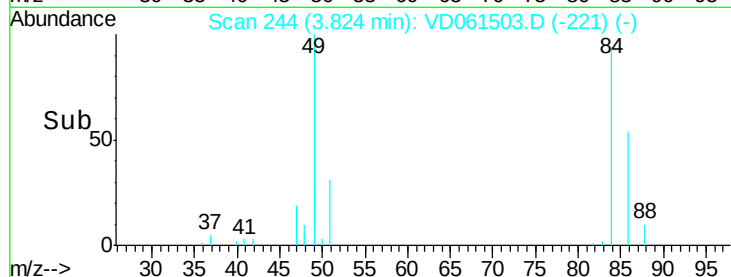


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: VD061503.D

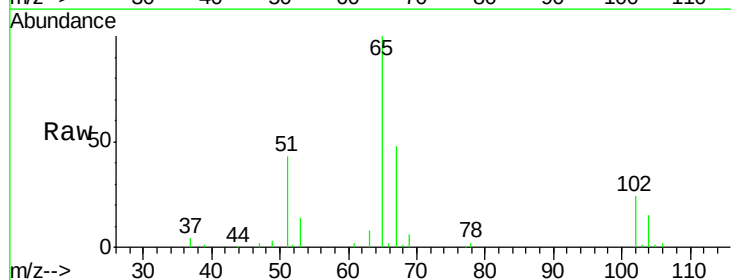
Acq: 2 Apr 2019 9:02

Tgt Ion: 65 Resp: 235507

Ion Ratio Lower Upper

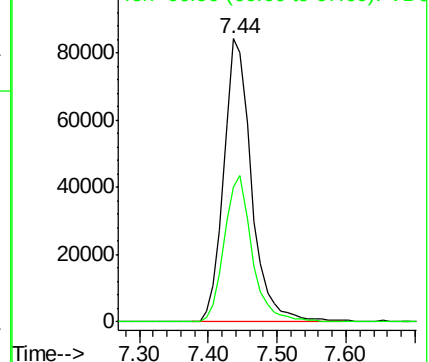
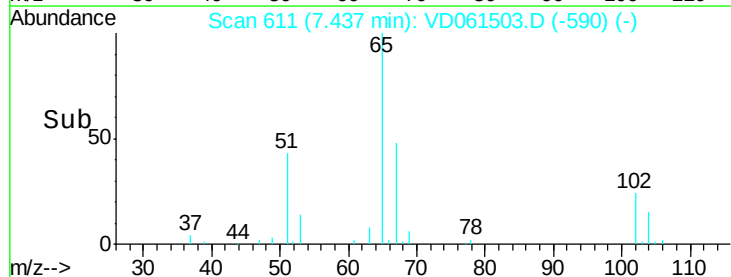
65 100

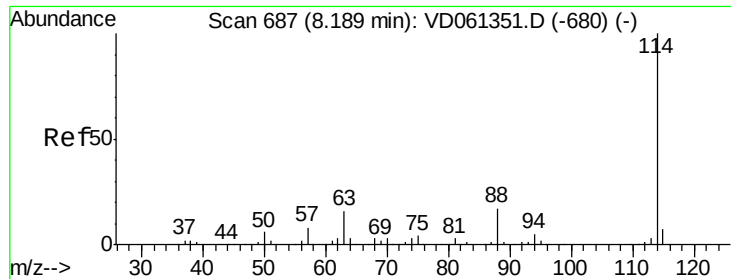
67 47.5 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

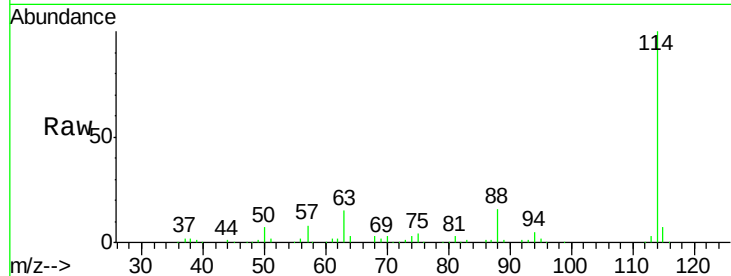




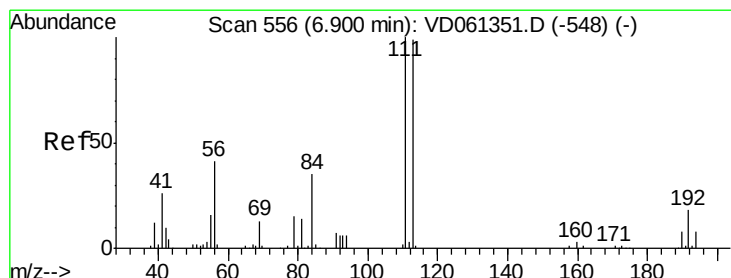
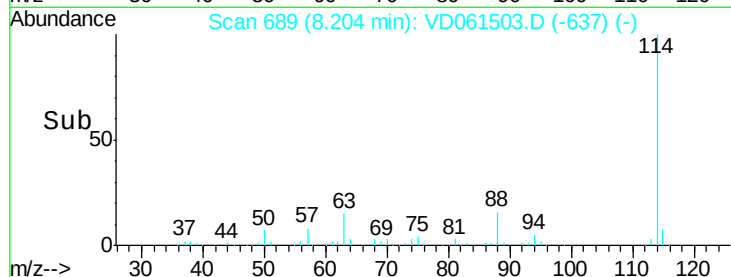
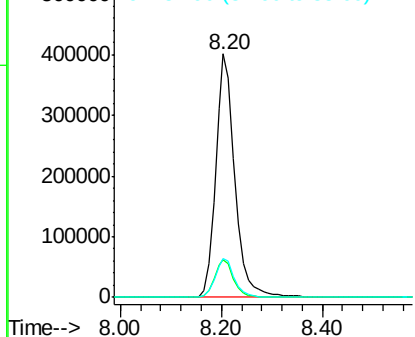
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 689
 Delta R.T. 0.01 min
 Lab File: VD061503.D
 Acq: 2 Apr 2019 9:02

Instrument :
 MSVOA_D
 ClientSampled :
 TP-3-2

Tot Ion:114 Resp: 1068358
 Ion Ratio Lower Upper
 114 100
 63 15.5 0.0 31.6
 88 16.2 0.0 33.4

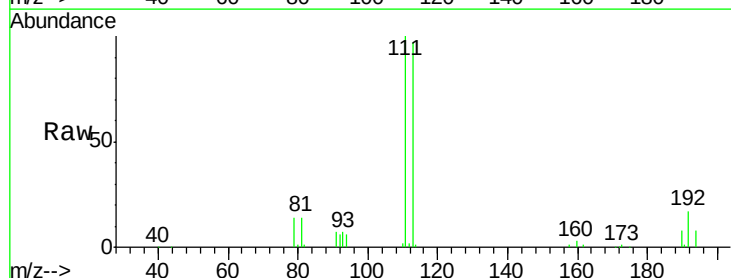


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

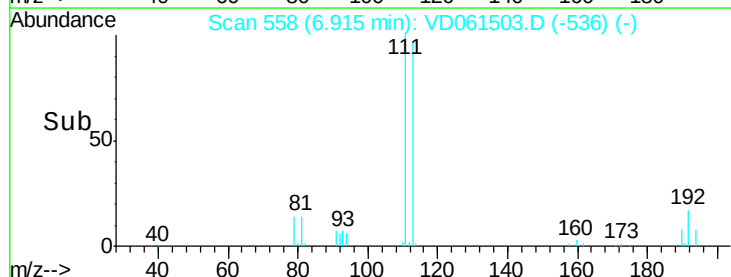
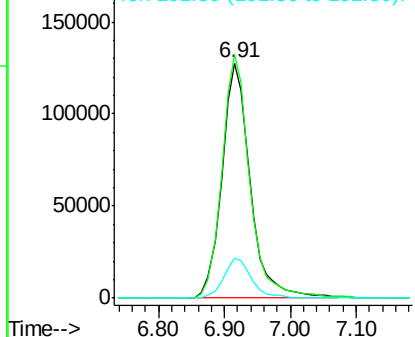


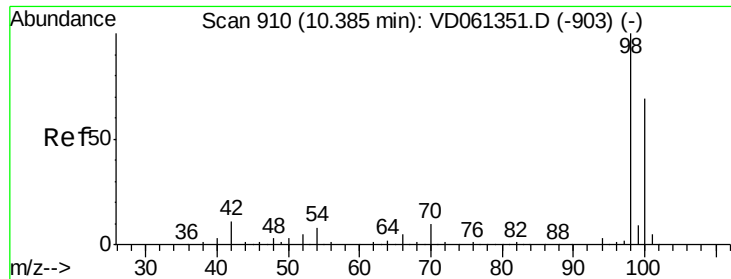
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 558
 Delta R.T. 0.01 min
 Lab File: VD061503.D
 Acq: 2 Apr 2019 9:02

Tgt Ion:113 Resp: 383301
 Ion Ratio Lower Upper
 113 100
 111 103.5 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

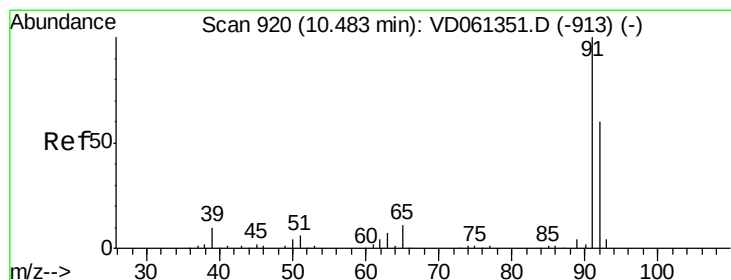
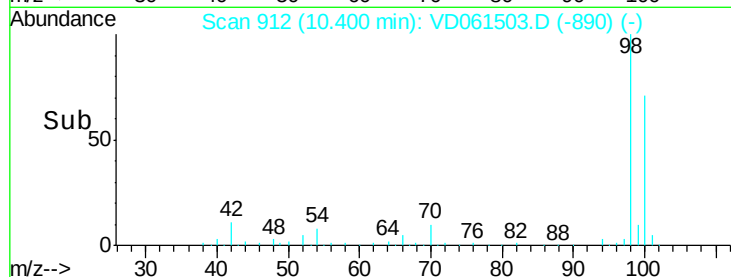
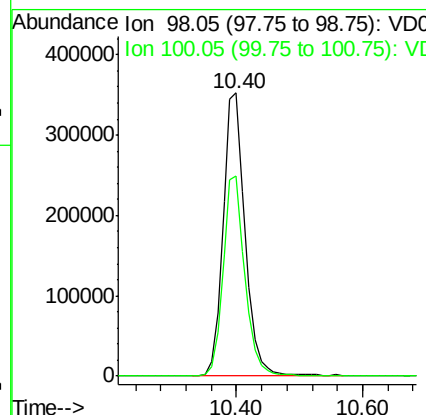
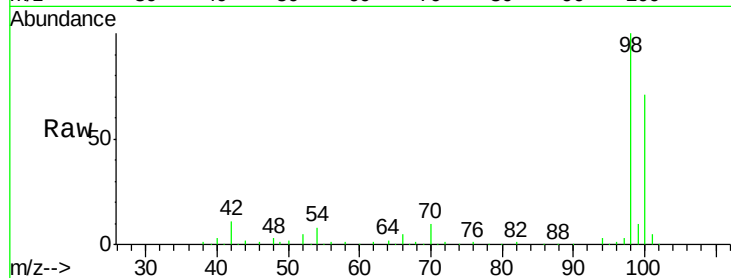




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.01 min
Lab File: VD061503.D
Acq: 2 Apr 2019 9:02

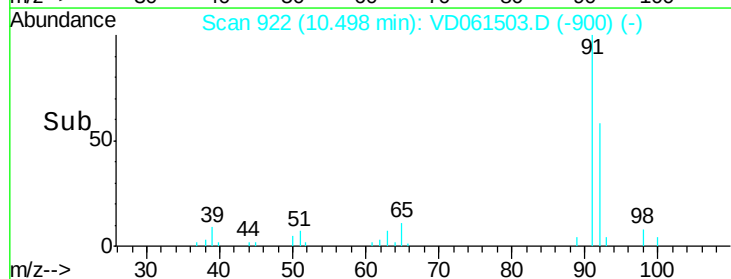
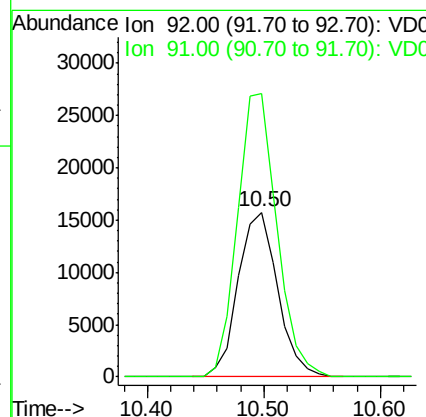
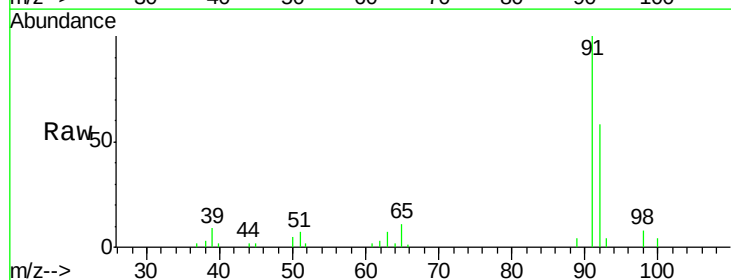
Instrument :
MSVOA_D
ClientSampleId :
TP-3-2

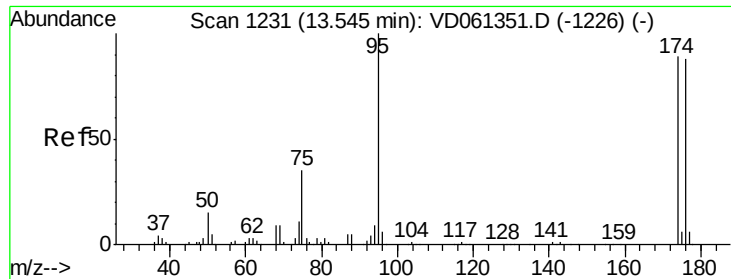
Tot Ion: 98 Resp: 858325
Ion Ratio Lower Upper
98 100
100 70.9 56.2 84.2



#52
Toluene
Concen: 2.590 ug/l
RT: 10.50 min Scan# 922
Delta R.T. 0.01 min
Lab File: VD061503.D
Acq: 2 Apr 2019 9:02

Tgt Ion: 92 Resp: 36971
Ion Ratio Lower Upper
92 100
91 171.9 133.3 199.9

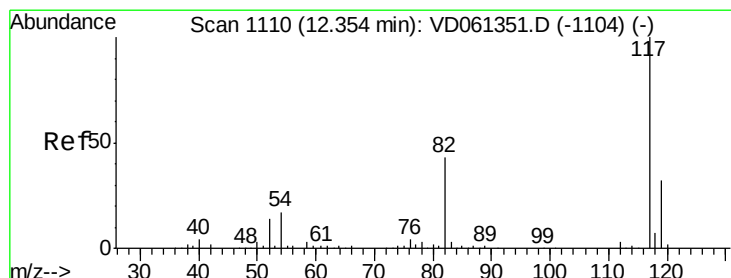
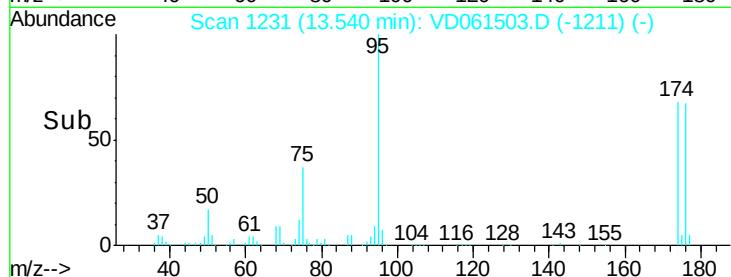
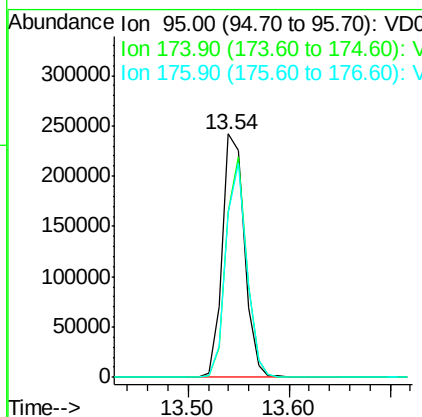
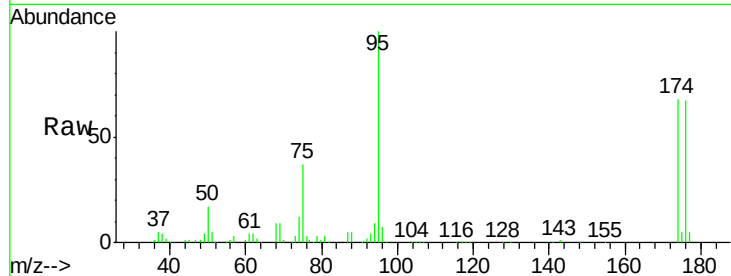




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VD061503.D
Acq: 2 Apr 2019 9:02

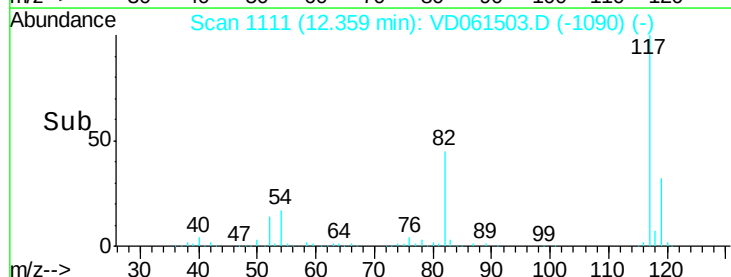
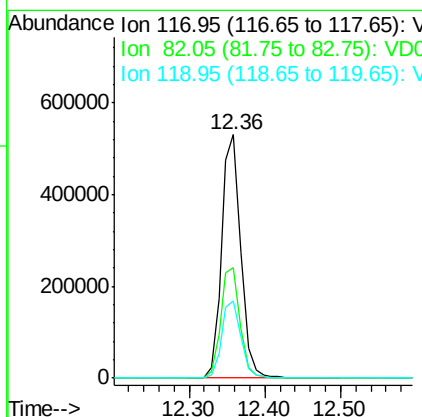
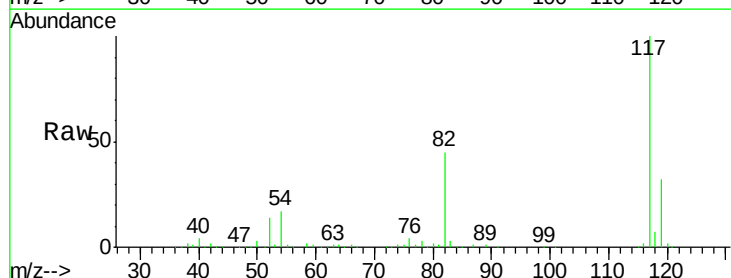
Instrument :
MSVOA_D
ClientSampled :
TP-3-2

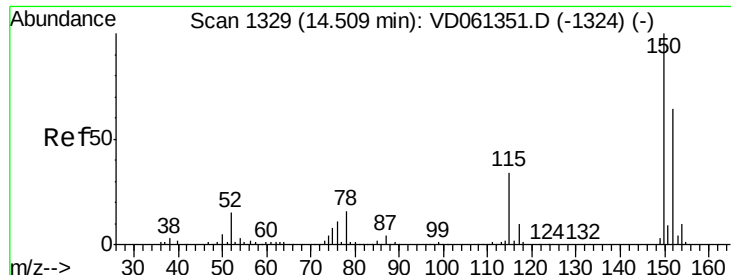
Tot Ion: 95 Resp: 370266
Ion Ratio Lower Upper
95 100
174 67.8 0.0 178.0
176 67.4 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061503.D
Acq: 2 Apr 2019 9:02

Tgt Ion: 117 Resp: 934254
Ion Ratio Lower Upper
117 100
82 45.2 34.4 51.6
119 31.6 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.50 min Scan# 1329

Delta R.T. -0.00 min

Lab File: VD061503.D

Acq: 2 Apr 2019 9:02

Instrument :

MSVOA_D

ClientSampleId :

TP-3-2

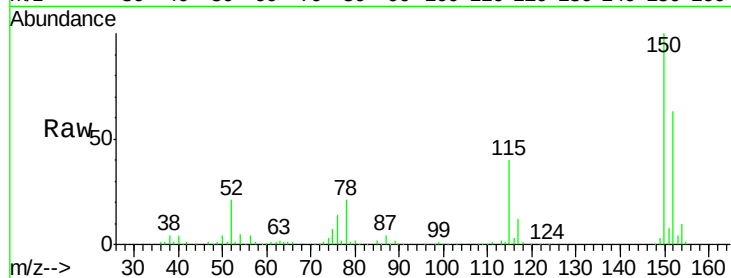
Tot Ion:152 Resp: 390501

Ion Ratio Lower Upper

152 100

115 62.9 26.9 80.6

150 158.6 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

