

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040219\
 Data File : VD061529.D
 Acq On : 2 Apr 2019 22:07
 Operator : VA/AP
 Sample : K2186-23
 Misc : 7.08g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-TRACK-78-79

Quant Time: Apr 03 09:00:10 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

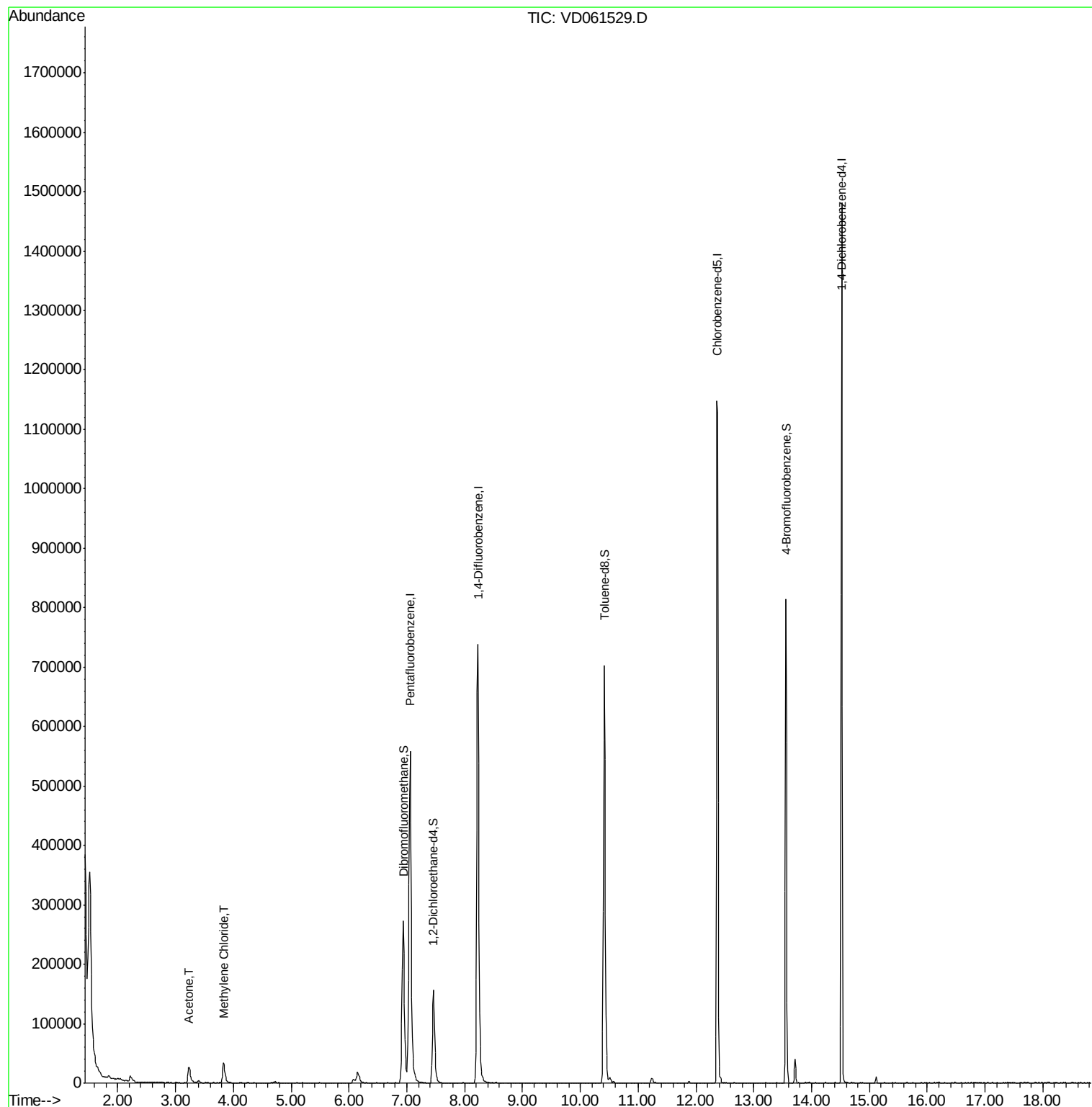
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	559998	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.23	114	892943	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.37	117	757698	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	332930	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	165369	34.57	ug/l	0.03
Spiked Amount 50.000			Recovery	=	69.14%	
35) Dibromofluoromethane	6.94	113	279437	40.95	ug/l	0.04
Spiked Amount 50.000			Recovery	=	81.90%	
50) Toluene-d8	10.41	98	621273	37.96	ug/l	0.03
Spiked Amount 50.000			Recovery	=	75.92%	
62) 4-Bromofluorobenzene	13.55	95	250294	39.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.76%	
Target Compounds						
16) Acetone	3.23	43	61668	50.147	ug/l	93
20) Methylene Chloride	3.84	84	25605	1.869	ug/l	96

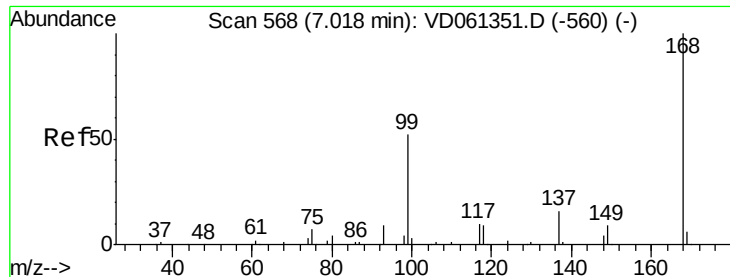
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.04 min

Lab File: VD061529.D

Acq: 2 Apr 2019 22:07

Instrument :

MSVOA_D

ClientSampleId :

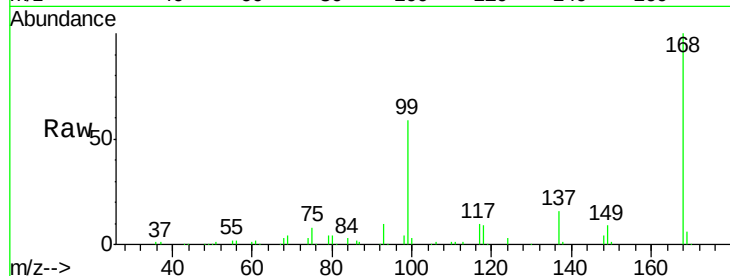
TP-TRACK-78-79

Tot Ion:168 Resp: 559998

Ion Ratio Lower Upper

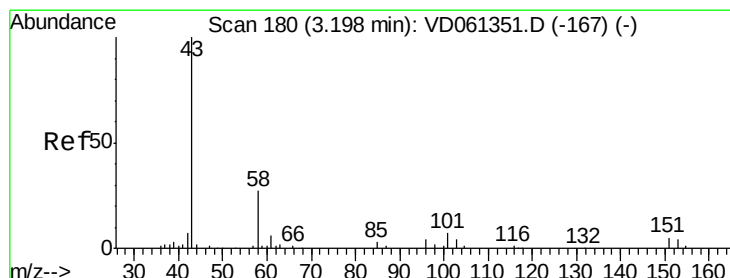
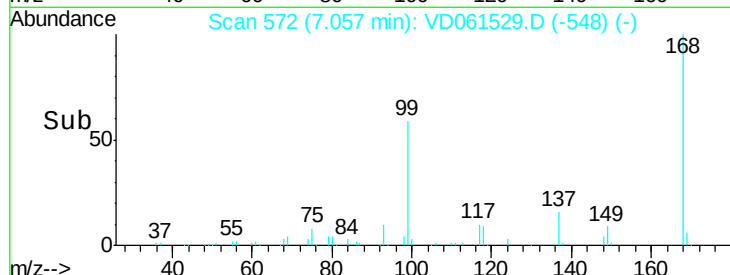
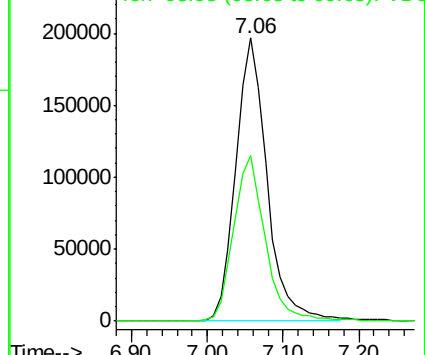
168 100

99 58.6 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: 50.147 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.03 min

Lab File: VD061529.D

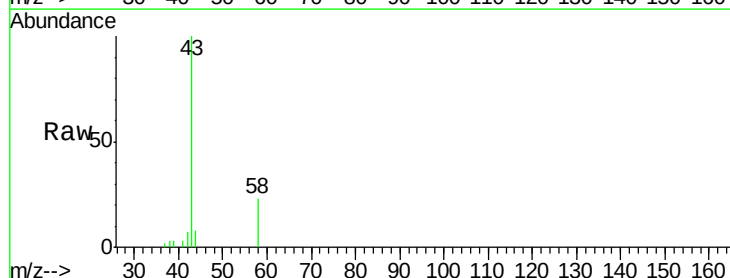
Acq: 2 Apr 2019 22:07

Tgt Ion: 43 Resp: 61668

Ion Ratio Lower Upper

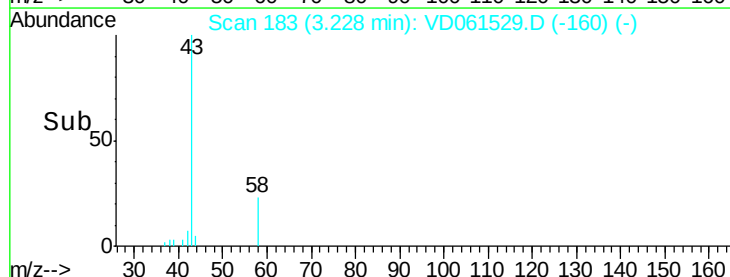
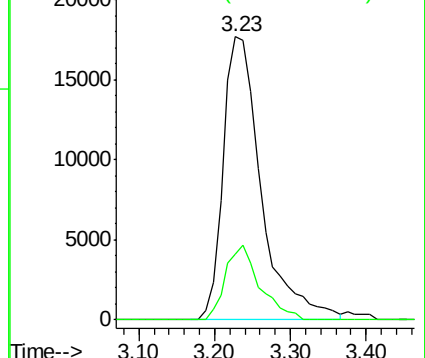
43 100

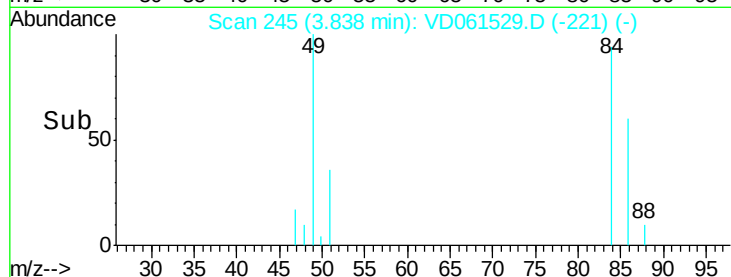
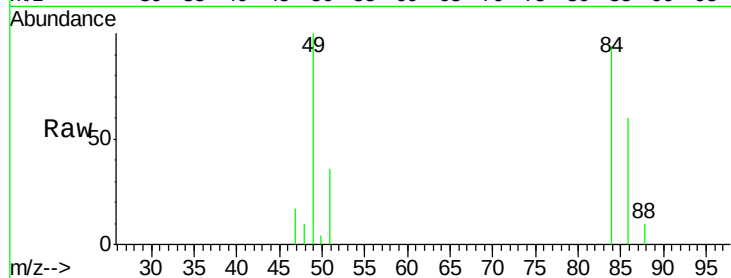
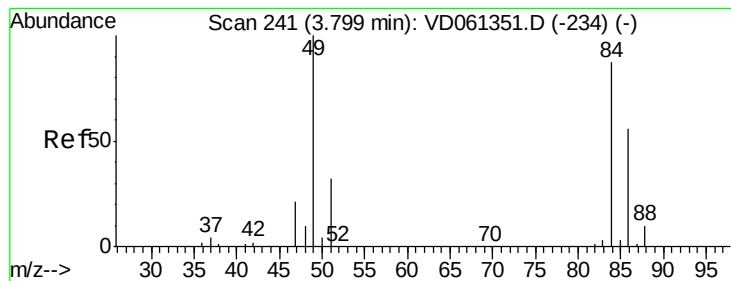
58 23.3 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 1.869 ug/l

RT: 3.84 min Scan# 245

Delta R.T. 0.04 min

Lab File: VD061529.D

Acq: 2 Apr 2019 22:07

Instrument :

MSVOA_D

ClientSampleId :

TP-TRACK-78-79

Tot Ion: 84 Resp: 25605

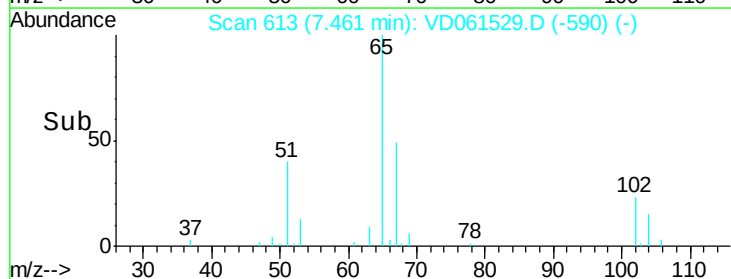
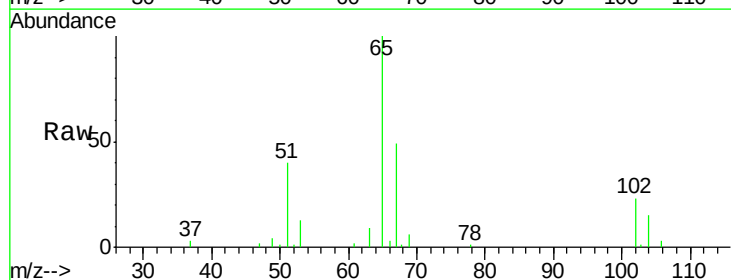
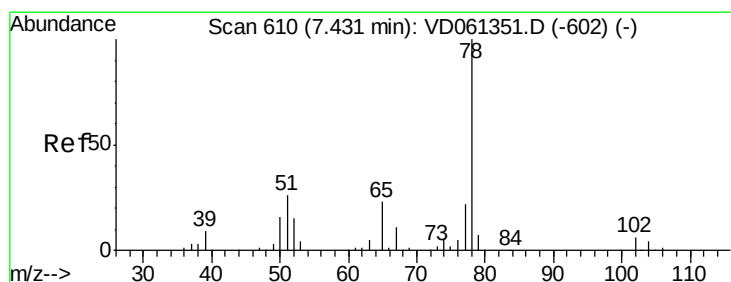
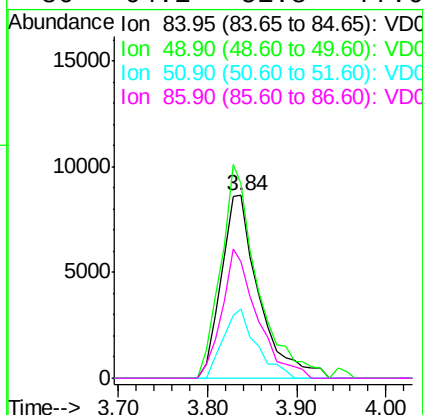
Ion Ratio Lower Upper

84 100

49 106.7 91.8 137.8

51 38.0 29.8 44.8

86 64.1 51.8 77.6



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.03 min

Lab File: VD061529.D

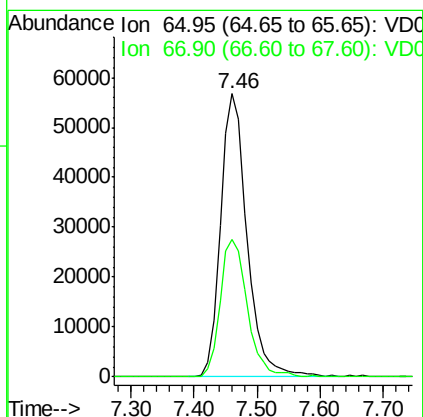
Acq: 2 Apr 2019 22:07

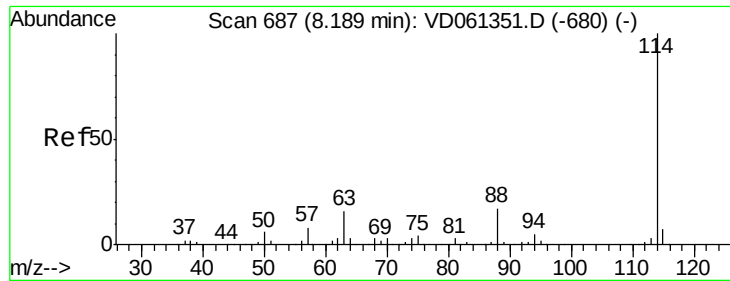
Tgt Ion: 65 Resp: 165369

Ion Ratio Lower Upper

65 100

67 48.8 0.0 99.8

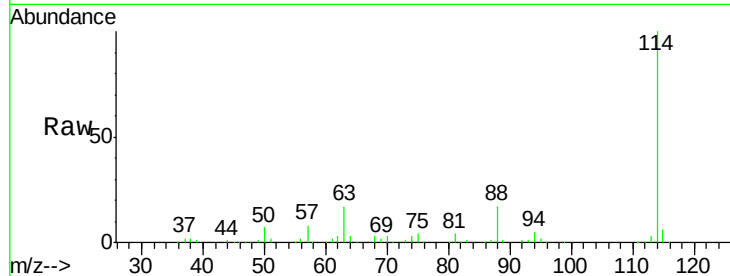




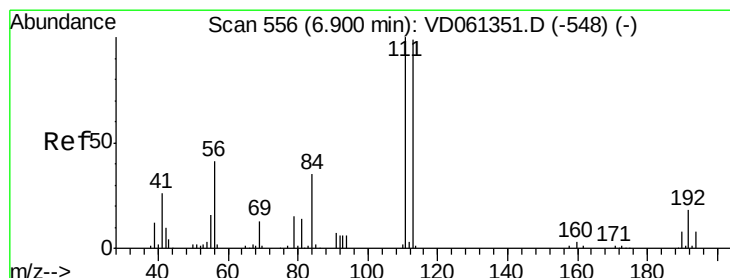
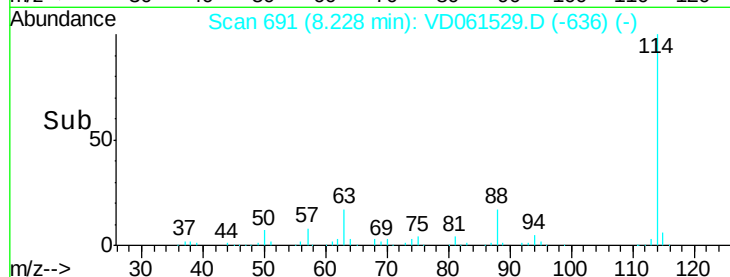
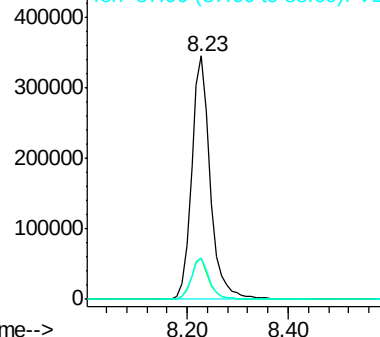
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.04 min
 Lab File: VD061529.D
 Acq: 2 Apr 2019 22:07

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-TRACK-78-79

Tot Ion:114 Resp: 892943
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 31.6
 88 17.2 0.0 33.4

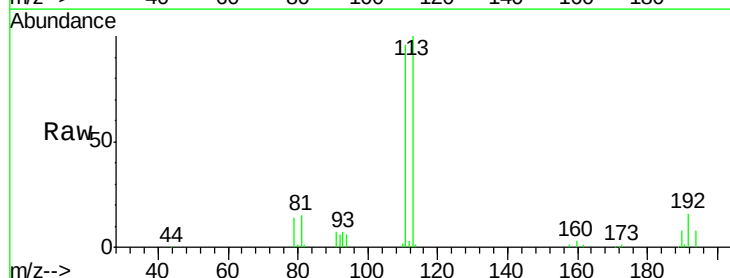


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

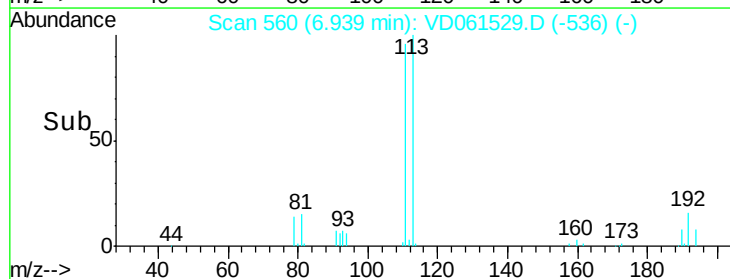
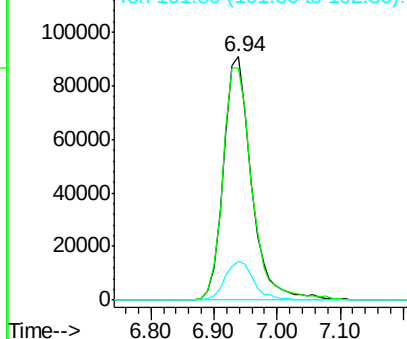


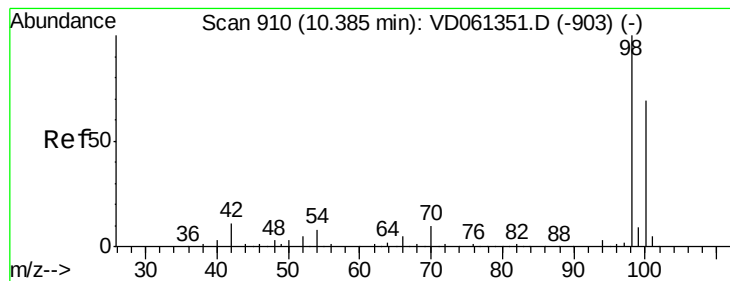
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.04 min
 Lab File: VD061529.D
 Acq: 2 Apr 2019 22:07

Tgt Ion:113 Resp: 279437
 Ion Ratio Lower Upper
 113 100
 111 95.6 81.0 121.6
 192 16.0 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: 10.41 min Scan# 913

Delta R.T. 0.03 min

Lab File: VD061529.D

Acq: 2 Apr 2019 22:07

Instrument :

MSVOA_D

ClientSampleId :

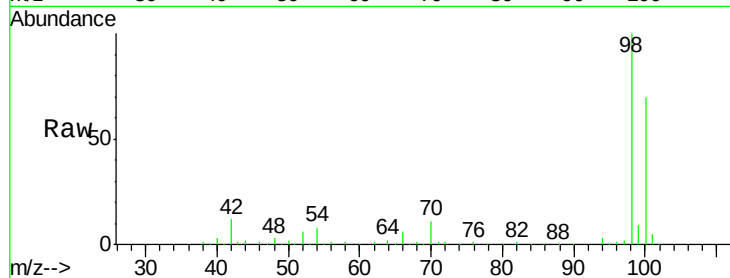
TP-TRACK-78-79

Tot Ion: 98 Resp: 621273

Ion Ratio Lower Upper

98 100

100 69.6 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): VD061351.D (-903) (-)

Ion 100.05 (99.75 to 100.75): VD061351.D (-903) (-)

10.41

250000

200000

150000

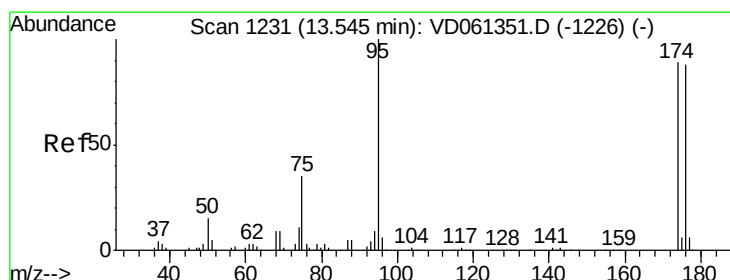
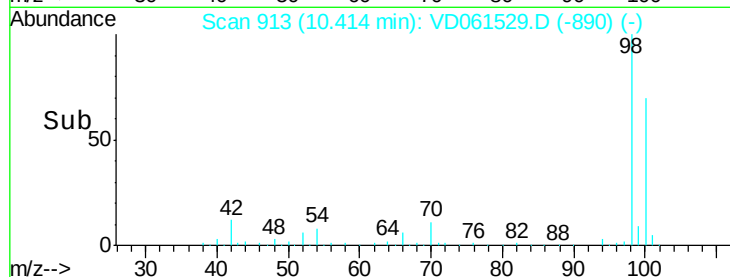
100000

50000

0

Time-->

10.30 10.40 10.50 10.60



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD061529.D

Acq: 2 Apr 2019 22:07

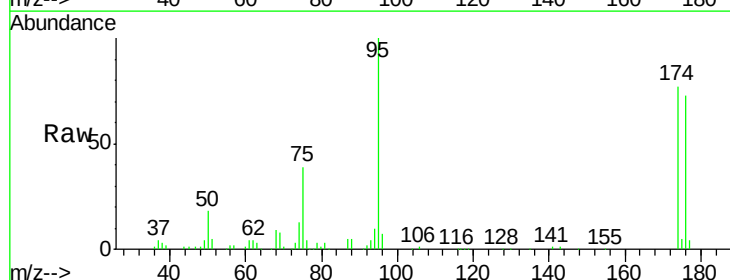
Tgt Ion: 95 Resp: 250294

Ion Ratio Lower Upper

95 100

174 76.8 0.0 178.0

176 72.9 0.0 175.0



Abundance Ion 95.00 (94.70 to 95.70): VD061351.D (-1226) (-)

Ion 173.90 (173.60 to 174.60): VD061351.D (-1226) (-)

Ion 175.90 (175.60 to 176.60): VD061351.D (-1226) (-)

250000

200000

150000

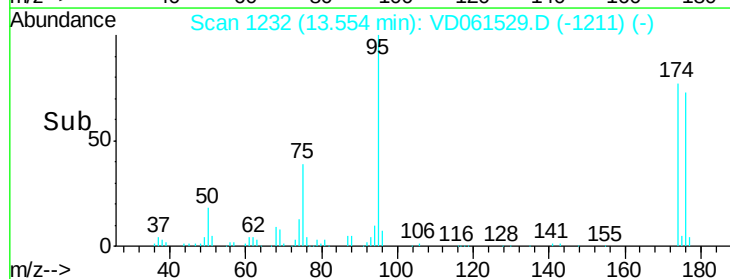
100000

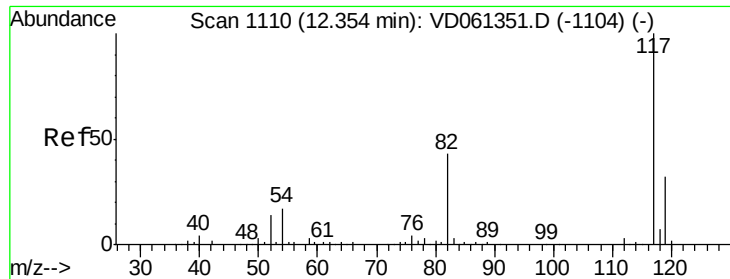
50000

0

Time-->

13.50 13.60

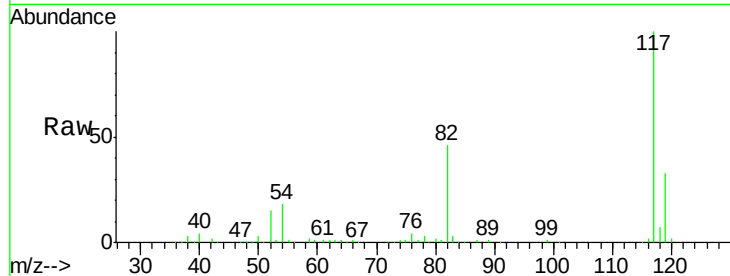




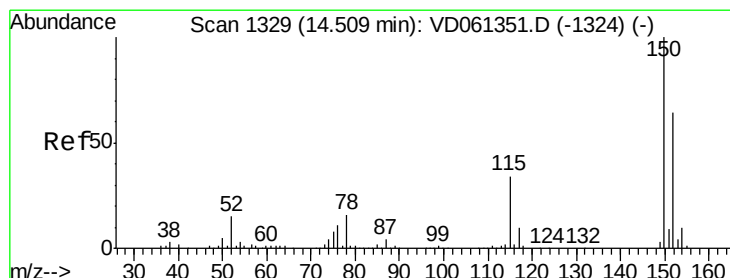
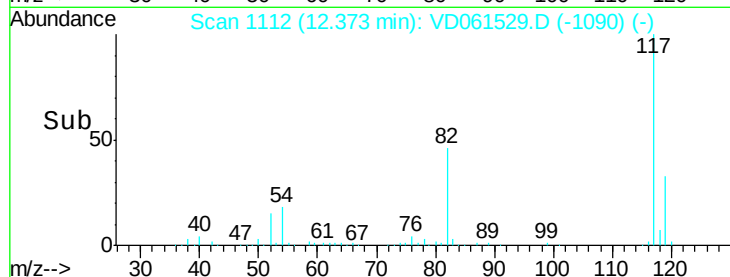
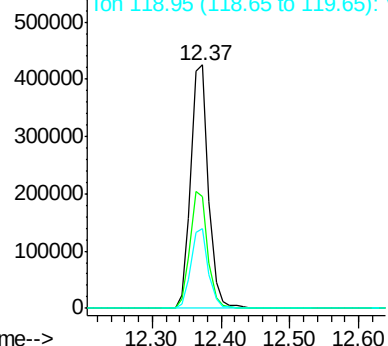
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.02 min
Lab File: VD061529.D
Acq: 2 Apr 2019 22:07

Instrument :
MSVOA_D
ClientSampleId :
TP-TRACK-78-79

Tot Ion:117 Resp: 757698
Ion Ratio Lower Upper
117 100
82 46.1 34.4 51.6
119 33.0 25.8 38.6

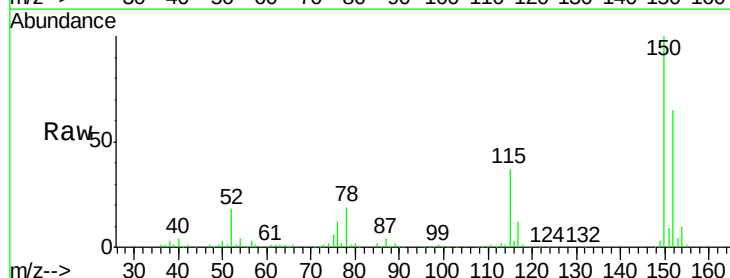


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD061529.D
Acq: 2 Apr 2019 22:07

Tgt Ion:152 Resp: 332930
Ion Ratio Lower Upper
152 100
115 56.2 26.9 80.6
150 153.9 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

