

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040119\
 Data File : VD061504.D
 Acq On : 2 Apr 2019 9:30
 Operator : VA/AP
 Sample : K2179-02
 Misc : 6.16g/5ml/MSVOA D/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4S2

Quant Time: Apr 03 01:17:18 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

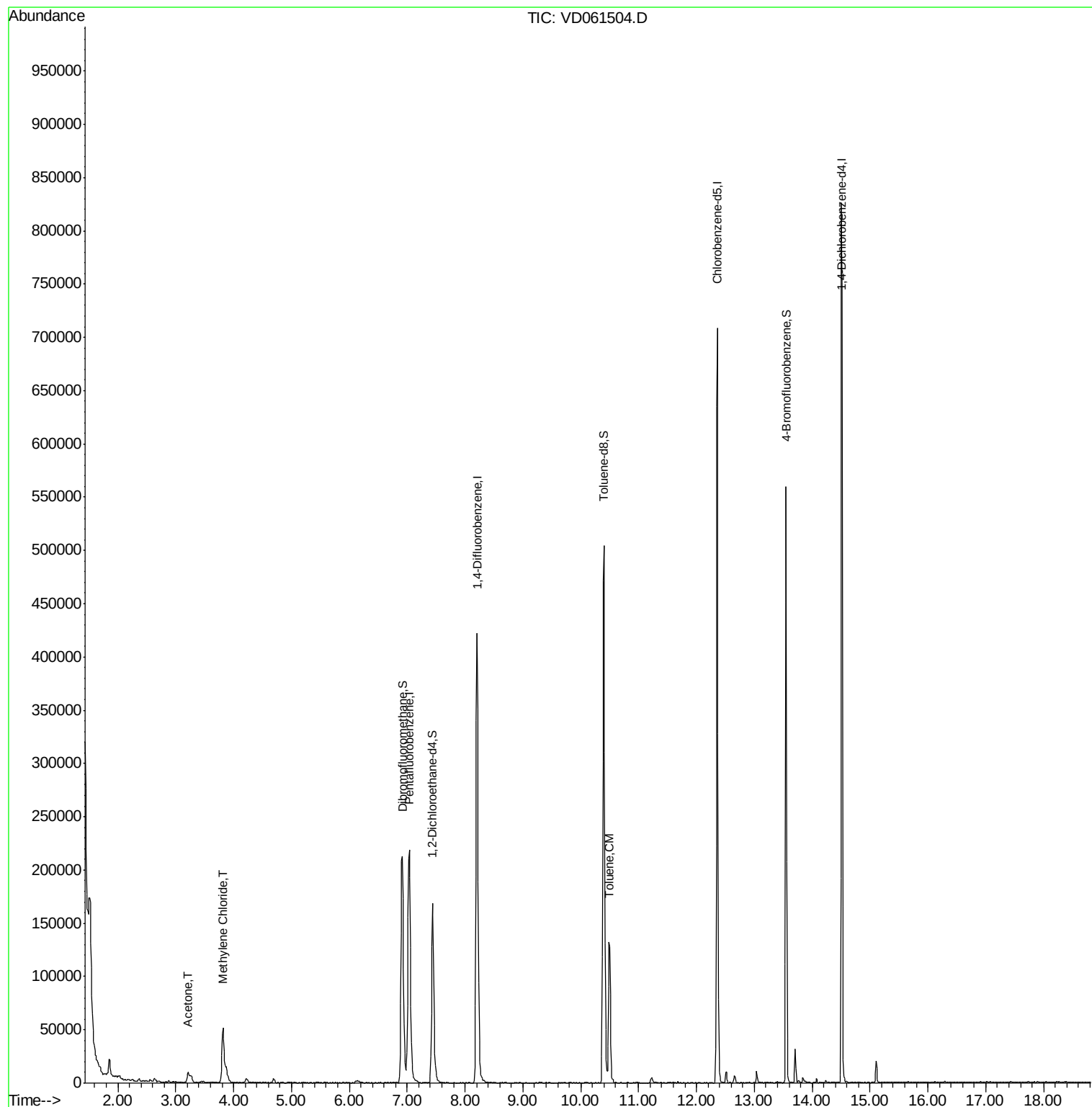
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	255641	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.21	114	521150	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.36	117	452117	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	213498	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	159575	73.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	146.14%	
35) Dibromofluoromethane	6.91	113	216539	54.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.74%	
50) Toluene-d8	10.40	98	458686	48.02	ug/l	0.02
Spiked Amount 50.000			Recovery	=	96.04%	
62) 4-Bromofluorobenzene	13.55	95	182970	49.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.90%	
Target Compounds						
16) Acetone	3.22	43	22480	40.044	ug/l	93
20) Methylene Chloride	3.82	84	40481	11.390	ug/l	96
52) Toluene	10.49	92	82154	11.797	ug/l	92

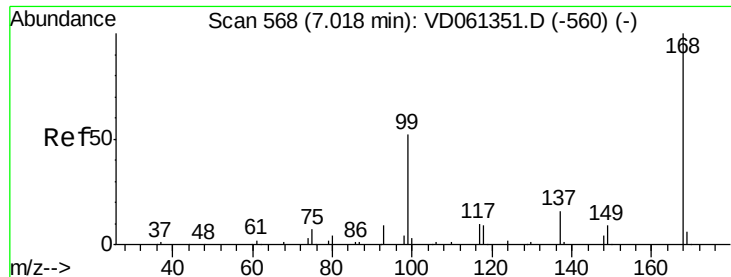
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD040119\
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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. 0.02 min

Lab File: VD061504.D

Acq: 2 Apr 2019 9:30

Instrument :

MSVOA_D

ClientSampleId :

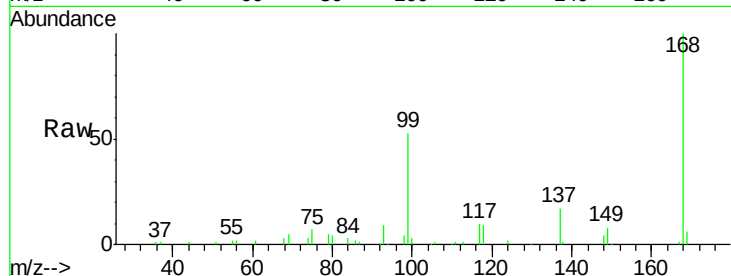
TP-4S2

Tot Ion:168 Resp: 255641

Ion Ratio Lower Upper

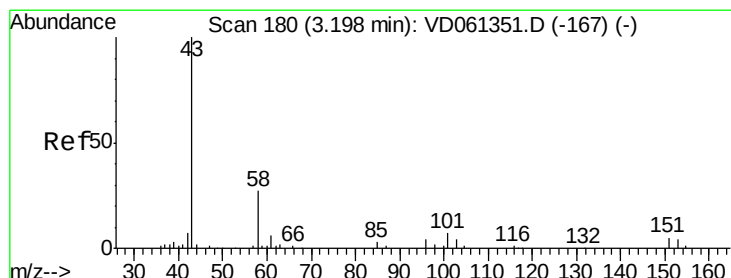
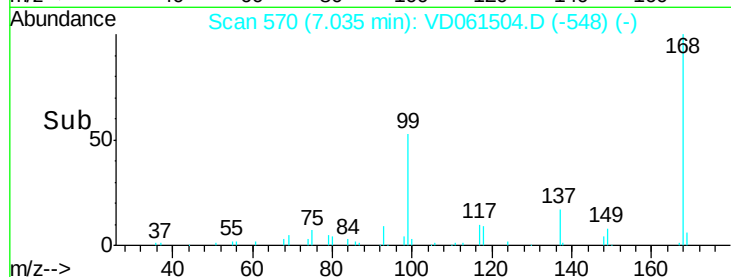
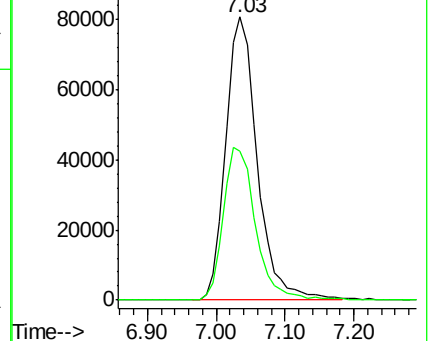
168 100

99 52.8 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: 40.044 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.02 min

Lab File: VD061504.D

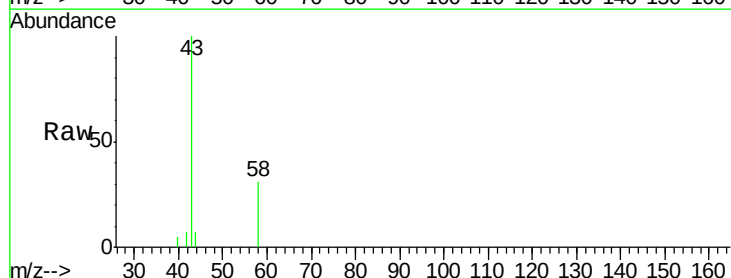
Acq: 2 Apr 2019 9:30

Tgt Ion: 43 Resp: 22480

Ion Ratio Lower Upper

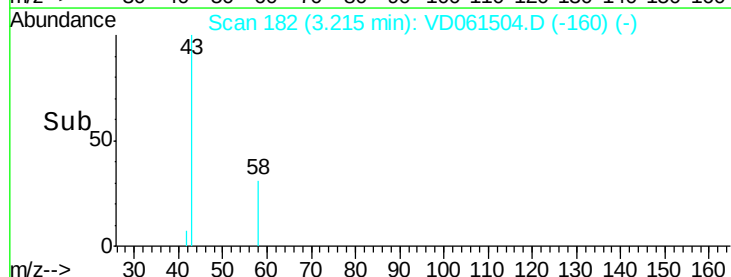
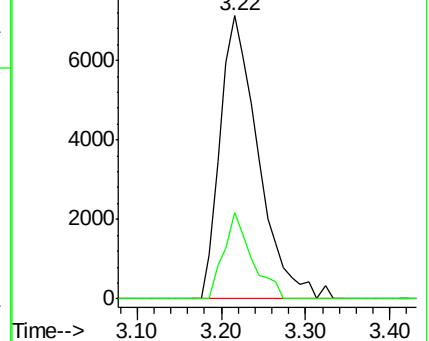
43 100

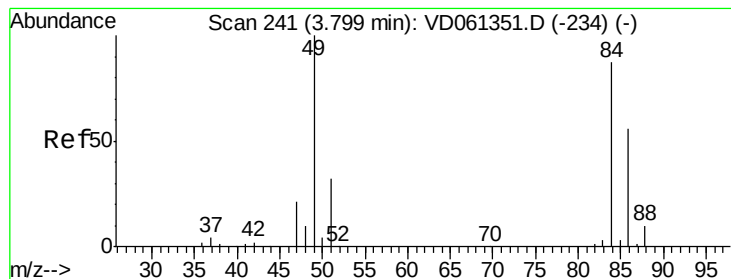
58 30.5 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 11.390 ug/l

RT: 3.82 min Scan# 243

Delta R.T. 0.02 min

Lab File: VD061504.D

Acq: 2 Apr 2019 9:30

Instrument :

MSVOA_D

ClientSampleId :

TP-4S2

Tot Ion: 84 Resp: 40481

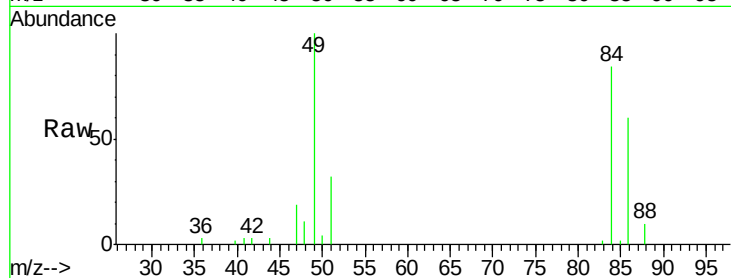
Ion Ratio Lower Upper

84 100

49 118.5 91.8 137.8

51 37.5 29.8 44.8

86 70.6 51.8 77.6

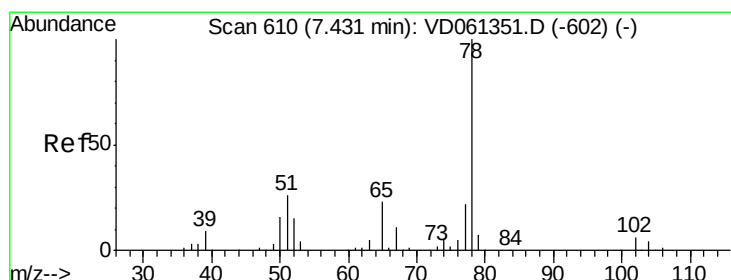
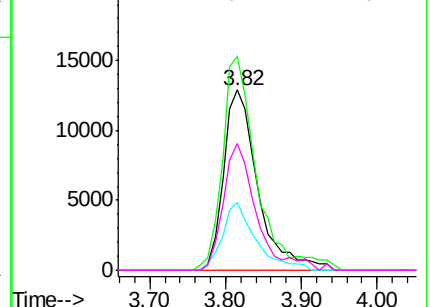
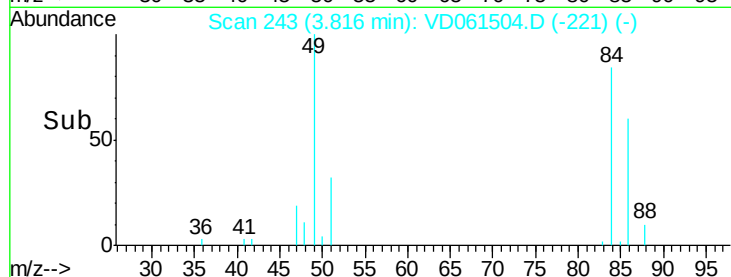


Abundance Ion 83.95 (83.65 to 84.65): VDC

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: VD061504.D

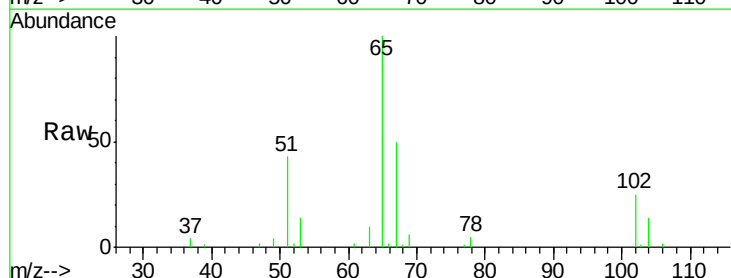
Acq: 2 Apr 2019 9:30

Tgt Ion: 65 Resp: 159575

Ion Ratio Lower Upper

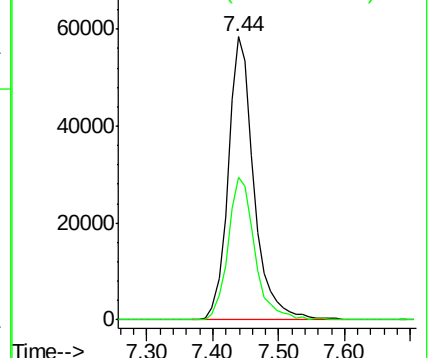
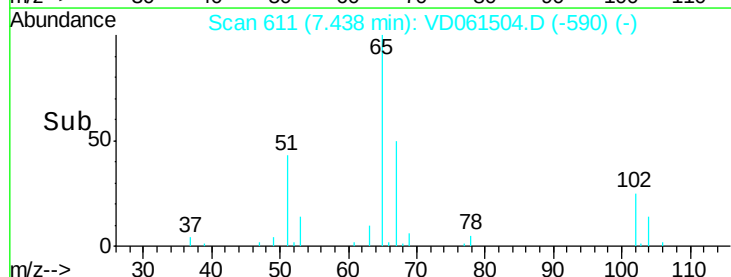
65 100

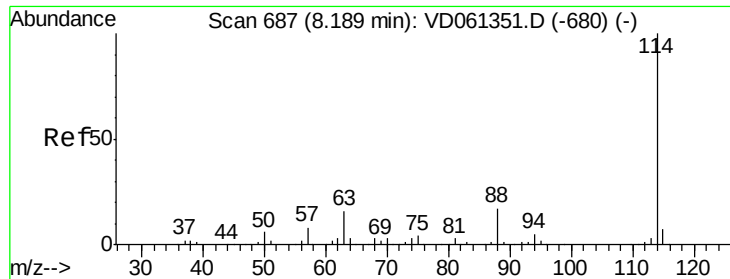
67 50.2 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

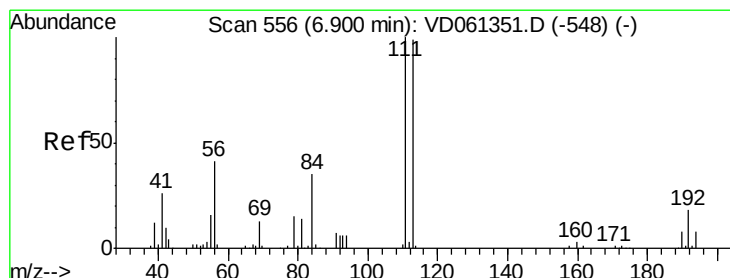
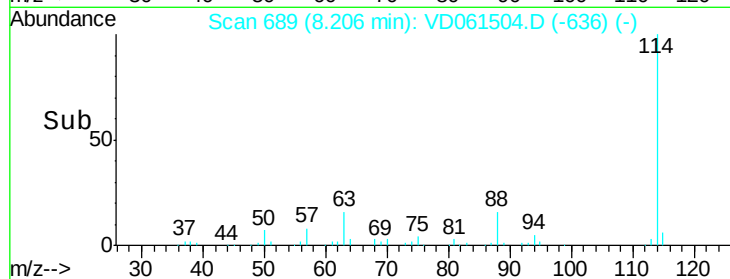
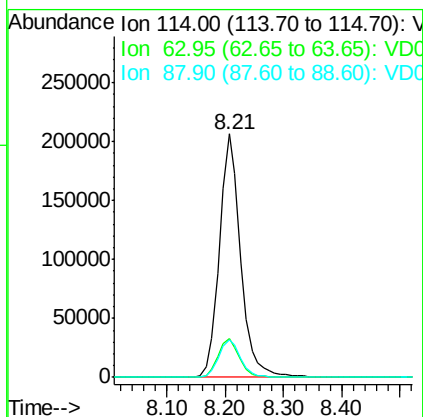
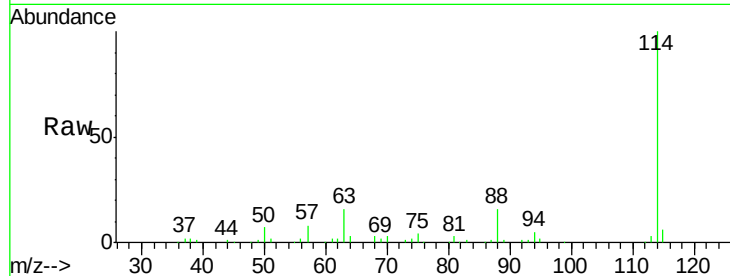




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.02 min
 Lab File: VD061504.D
 Acq: 2 Apr 2019 9:30

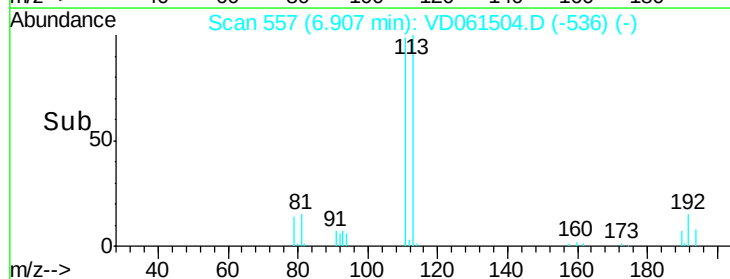
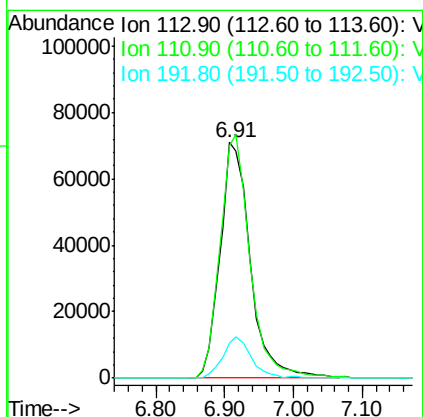
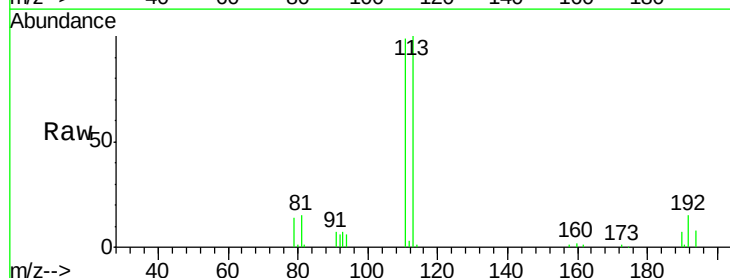
Instrument :
 MSVOA_D
 ClientSampled :
 TP-4S2

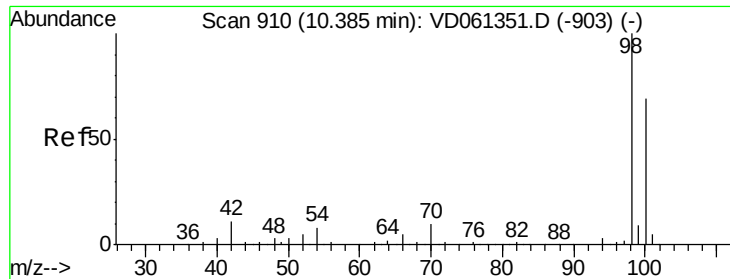
Tot Ion:114 Resp: 521150
 Ion Ratio Lower Upper
 114 100
 63 15.9 0.0 31.6
 88 15.5 0.0 33.4



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: VD061504.D
 Acq: 2 Apr 2019 9:30

Tgt Ion:113 Resp: 216539
 Ion Ratio Lower Upper
 113 100
 111 98.5 81.0 121.6
 192 14.8 14.4 21.6

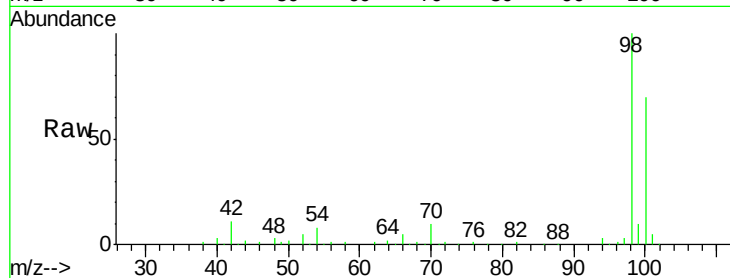




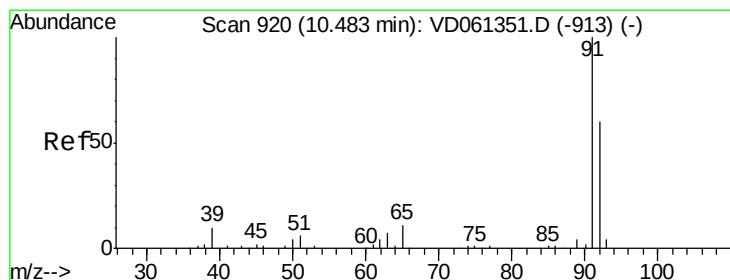
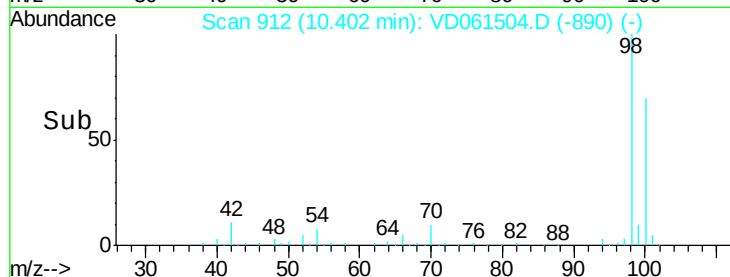
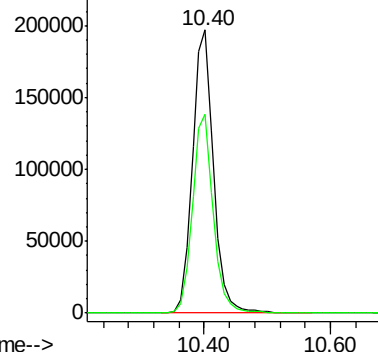
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.02 min
Lab File: VD061504.D
Acq: 2 Apr 2019 9:30

Instrument :
MSVOA_D
ClientSampled :
TP-4S2

Tot Ion: 98 Resp: 458686
Ion Ratio Lower Upper
98 100
100 70.4 56.2 84.2

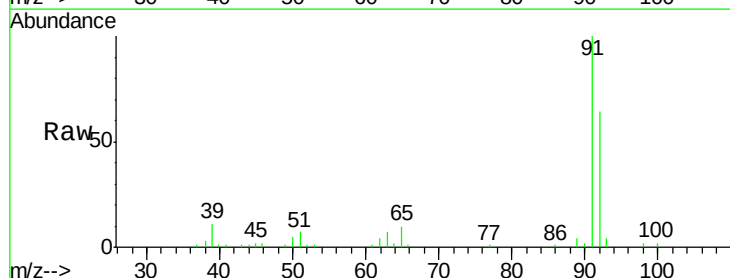


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

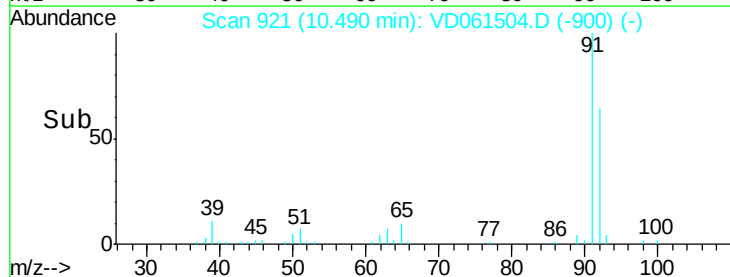
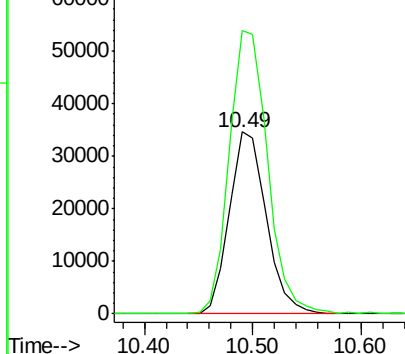


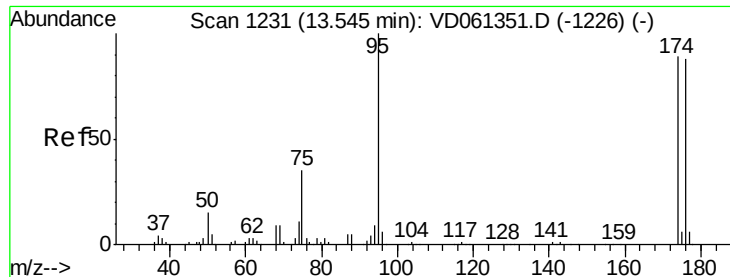
#52
Toluene
Concen: 11.797 ug/l
RT: 10.49 min Scan# 921
Delta R.T. 0.01 min
Lab File: VD061504.D
Acq: 2 Apr 2019 9:30

Tgt Ion: 92 Resp: 82154
Ion Ratio Lower Upper
92 100
91 155.4 133.3 199.9



Abundance Ion 92.00 (91.70 to 92.70): VDC
Ion 91.00 (90.70 to 91.70): VDC

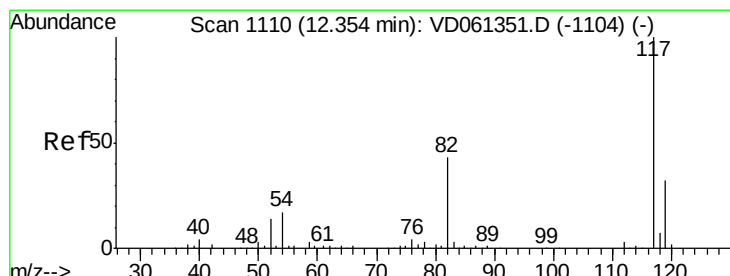
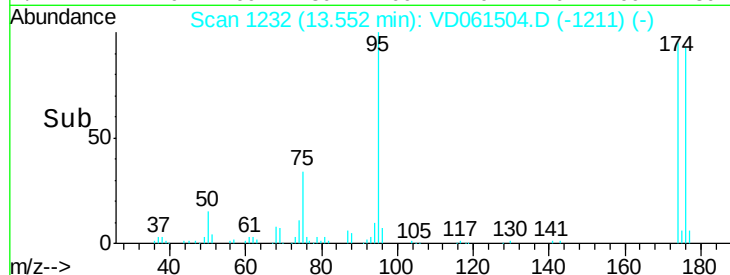
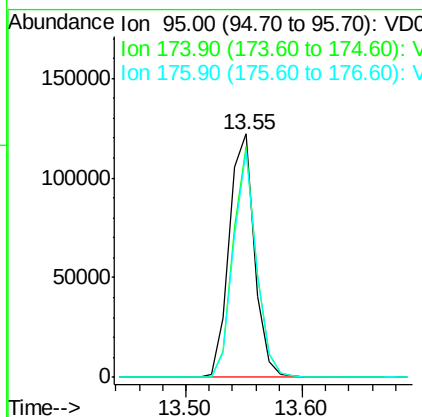
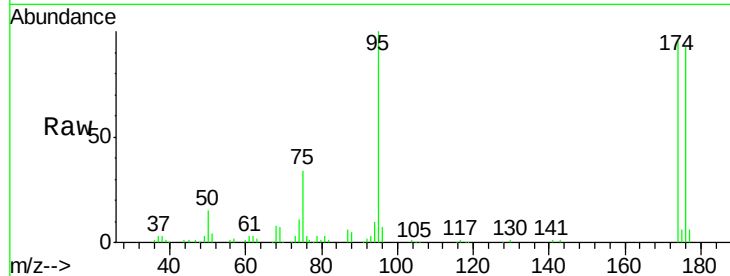




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD061504.D
Acq: 2 Apr 2019 9:30

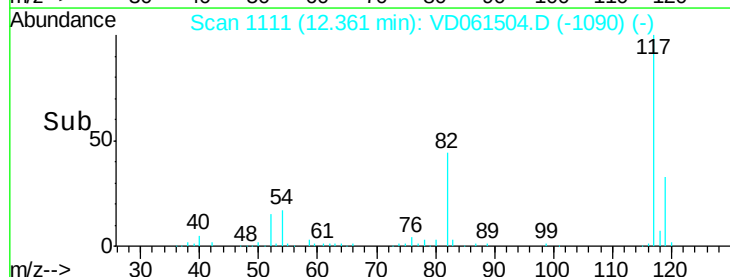
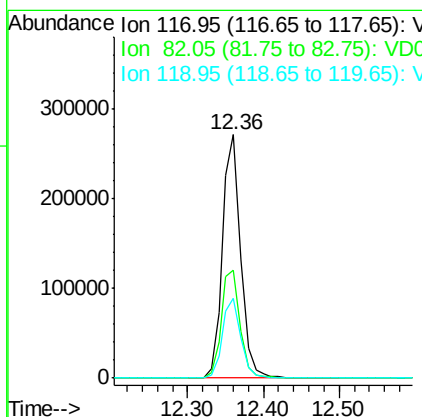
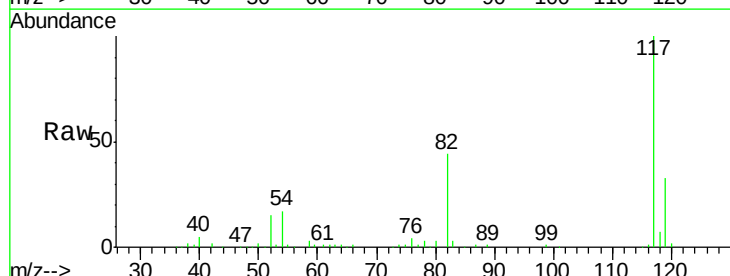
Instrument :
MSVOA_D
ClientSampleId :
TP-4S2

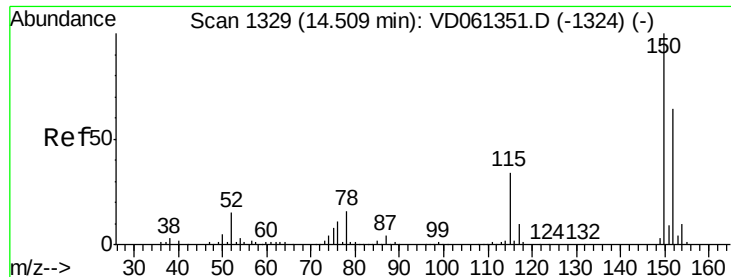
Tot Ion: 95 Resp: 182970
Ion Ratio Lower Upper
95 100
174 94.7 0.0 178.0
176 93.4 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD061504.D
Acq: 2 Apr 2019 9:30

Tgt Ion: 117 Resp: 452117
Ion Ratio Lower Upper
117 100
82 44.5 34.4 51.6
119 32.6 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1330

Delta R.T. 0.01 min

Lab File: VD061504.D

Acq: 2 Apr 2019 9:30

Instrument :

MSVOA_D

ClientSampleId :

TP-4S2

Tot Ion:152 Resp: 213498

Ion Ratio Lower Upper

152 100

115 50.7 26.9 80.6

150 152.1 0.0 318.0

