

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041719\
 Data File : VD061853.D
 Acq On : 17 Apr 2019 15:27
 Operator : VA/AP
 Sample : K2377-02
 Misc : 6.02g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-13-S2

Quant Time: Apr 17 15:58:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 08:53:01 2019
 Response via : Initial Calibration

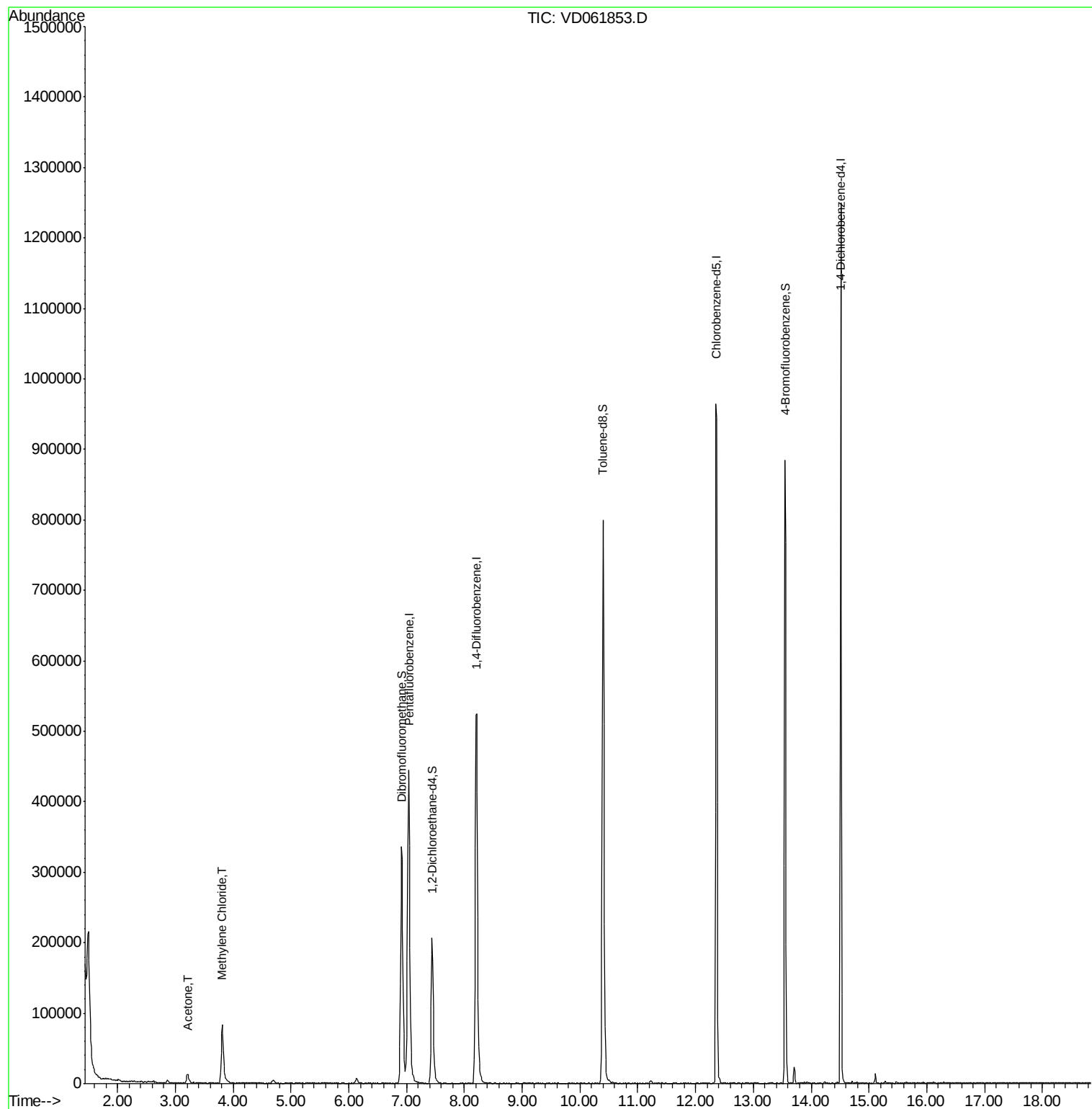
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	465957	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	8.21	114	705021	50.00	ug/l	-0.05
63) Chlorobenzene-d5	12.36	117	644290	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	14.51	152	274420	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	208402	53.37	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	106.74%	
35) Dibromofluoromethane	6.91	113	322445	60.54	ug/l	-0.06
Spiked Amount 50.000			Recovery	=	121.08%	
50) Toluene-d8	10.40	98	740494	58.67	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	117.34%	
62) 4-Bromofluorobenzene	13.55	95	294239	57.52	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	115.04%	
Target Compounds						
16) Acetone	3.21	43	27122	28.179	ug/l	Qvalue 100
20) Methylene Chloride	3.81	84	63047	9.459	ug/l	96

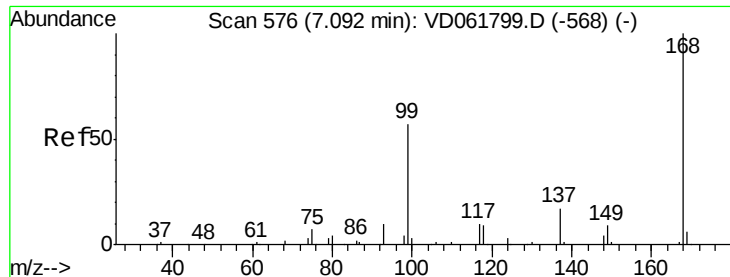
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.05 min

Lab File: VD061853.D

Acq: 17 Apr 2019 15:27

Instrument :

MSVOA_D

ClientSampleId :

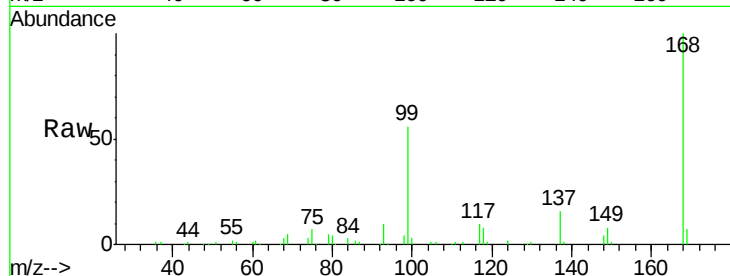
TP-13-S2

Tot Ion:168 Resp: 465957

Ion Ratio Lower Upper

168 100

99 55.8 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

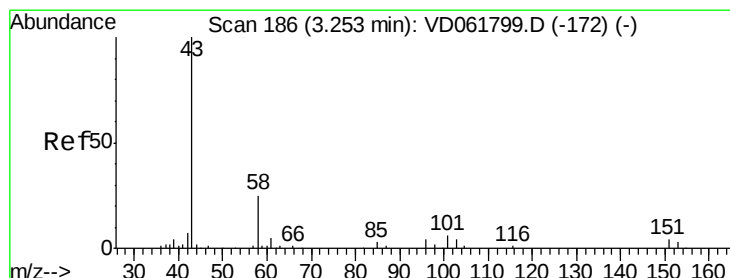
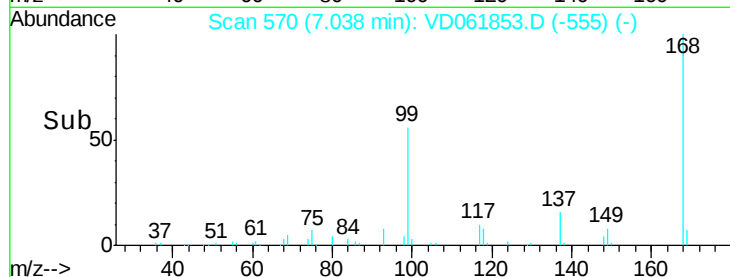
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 28.179 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.04 min

Lab File: VD061853.D

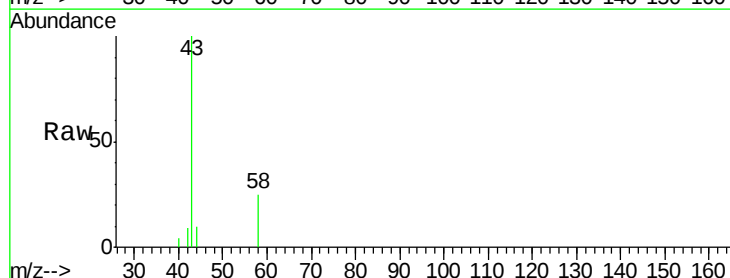
Acq: 17 Apr 2019 15:27

Tgt Ion: 43 Resp: 27122

Ion Ratio Lower Upper

43 100

58 24.7 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.21

10000

8000

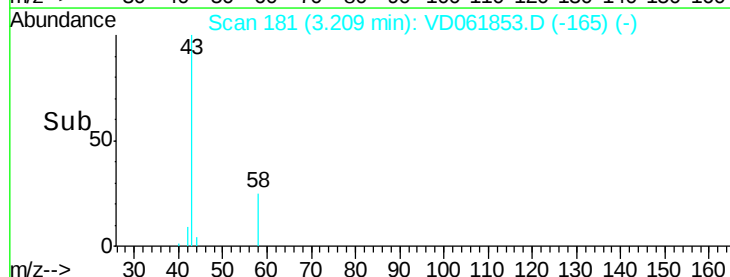
6000

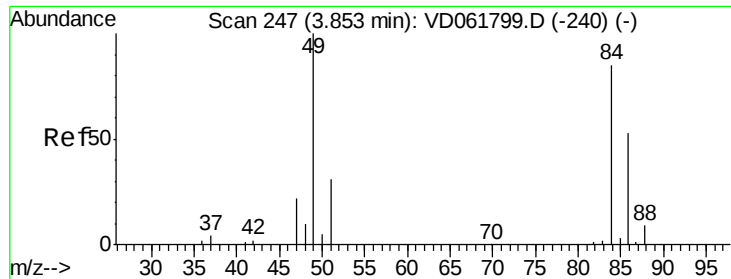
4000

2000

0

Time-->

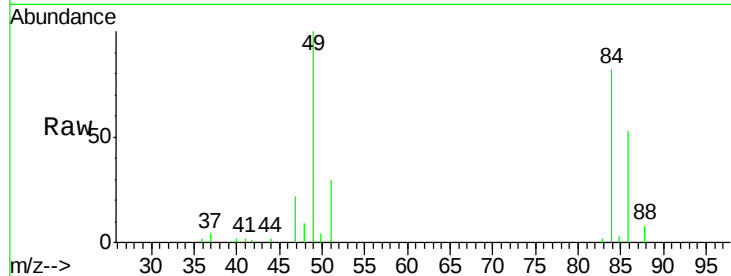




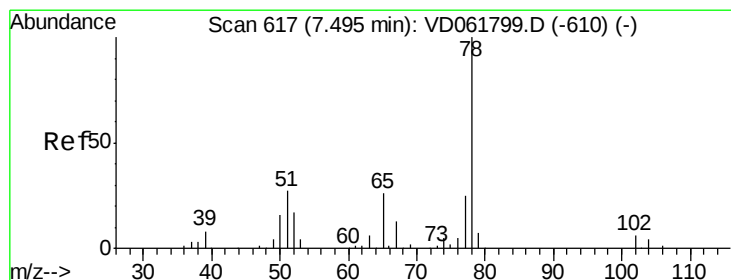
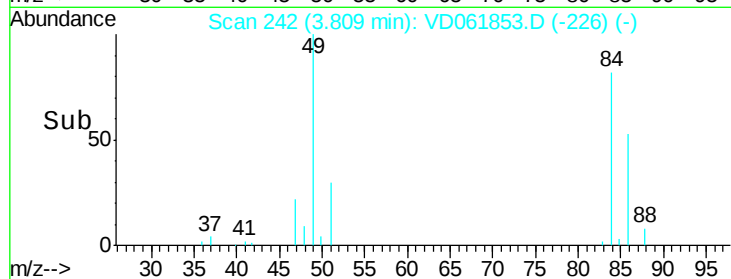
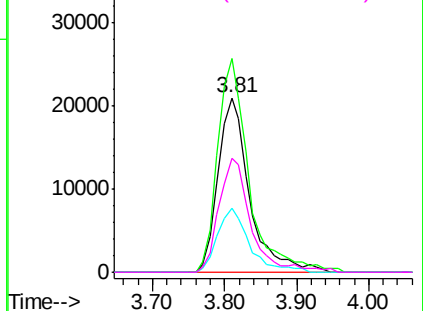
#20
Methvlene Chloride
Concen: 9.459 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.04 min
Lab File: VD061853.D
Acq: 17 Apr 2019 15:27

Instrument :
MSVOA_D
ClientSampleId :
TP-13-S2

Tot Ion:	84	Resp:	63047
Ion	Ratio	Lower	Upper
84	100		
49	122.4	94.0	141.0
51	36.8	29.0	43.4
86	65.0	49.8	74.6

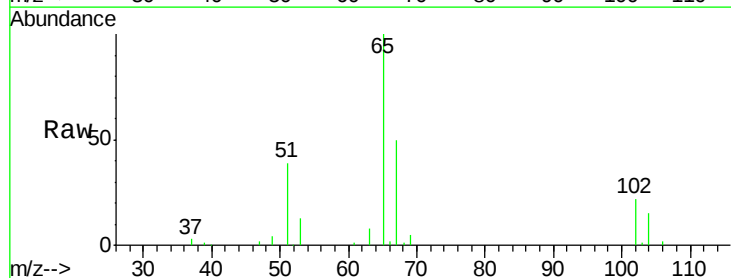


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

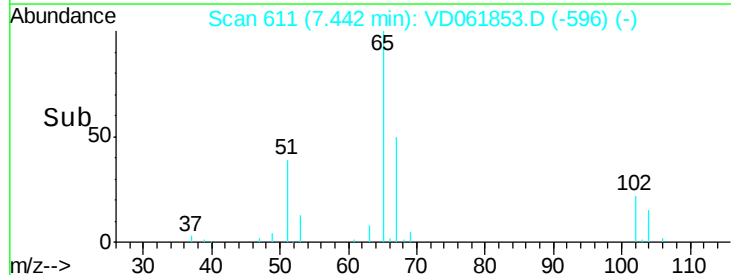
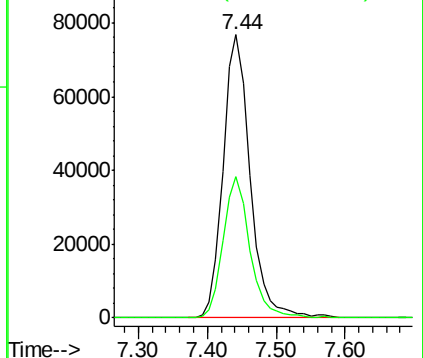


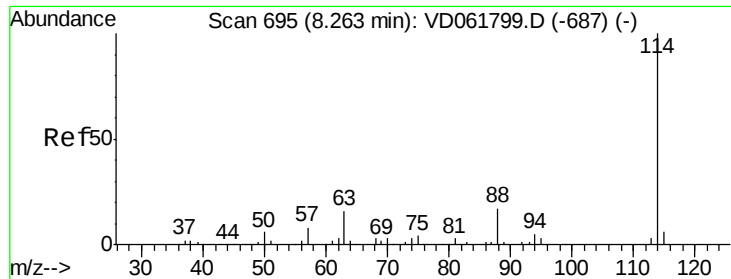
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.05 min
Lab File: VD061853.D
Acq: 17 Apr 2019 15:27

Tgt Ion:	65	Resp:	208402
Ion	Ratio	Lower	Upper
65	100		
67	49.9	0.0	98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

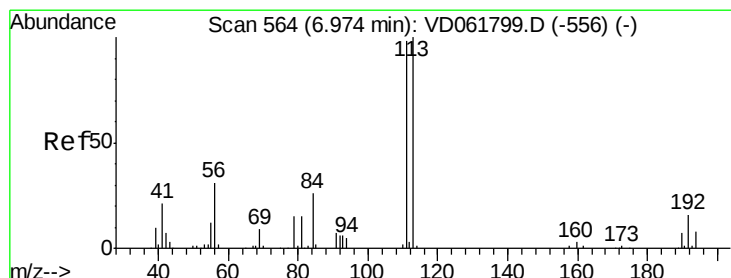
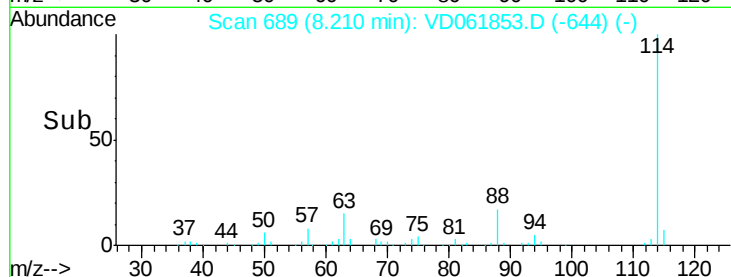
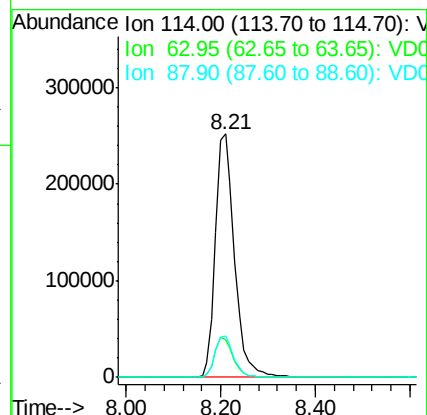
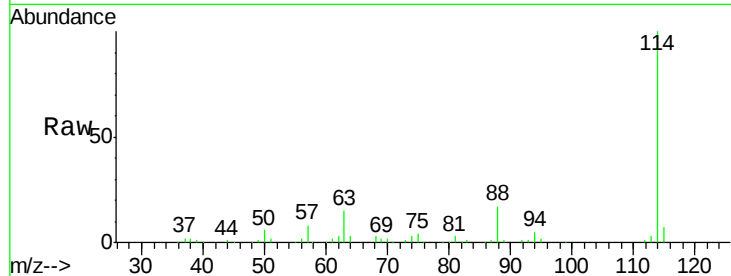




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.05 min
 Lab File: VD061853.D
 Acq: 17 Apr 2019 15:27

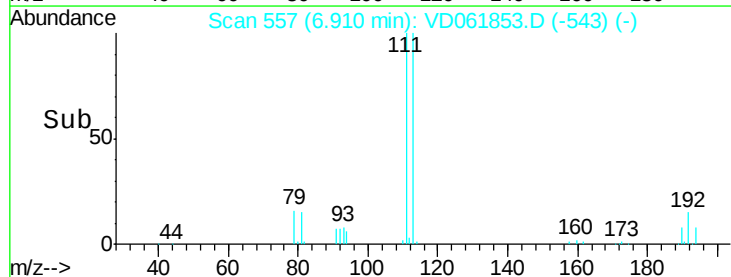
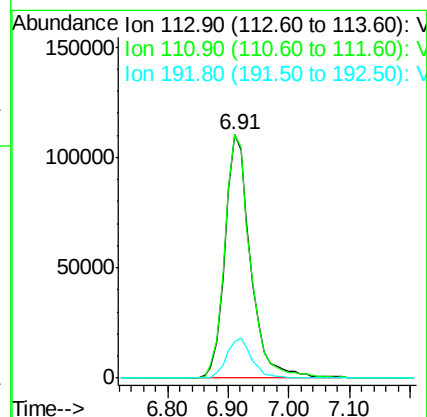
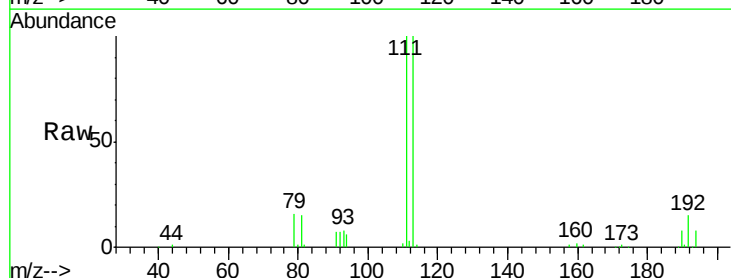
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-13-S2

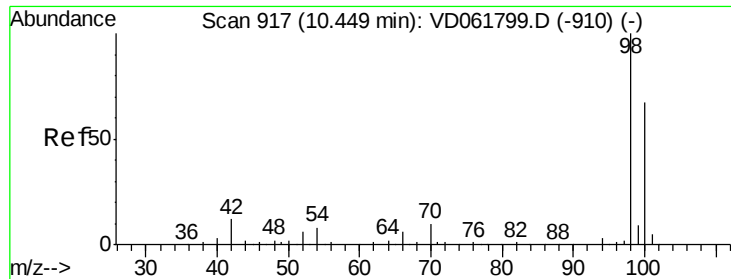
Tot Ion:114 Resp: 705021
 Ion Ratio Lower Upper
 114 100
 63 15.2 0.0 32.4
 88 16.8 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. -0.06 min
 Lab File: VD061853.D
 Acq: 17 Apr 2019 15:27

Tgt Ion:113 Resp: 322445
 Ion Ratio Lower Upper
 113 100
 111 99.9 78.5 117.7
 192 15.0 13.0 19.4

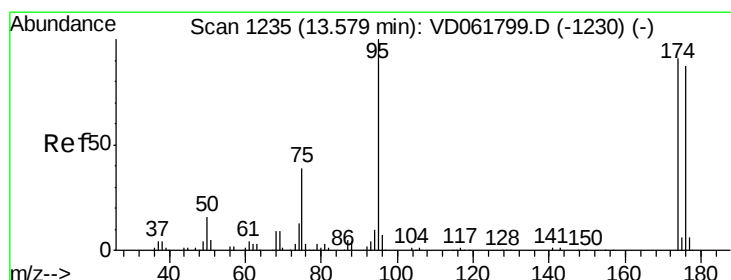
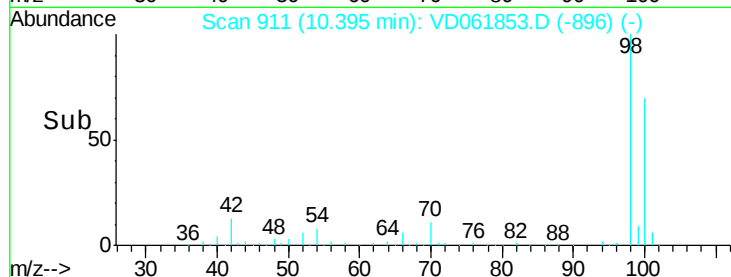
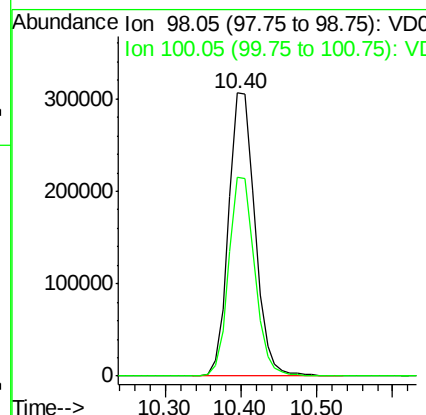
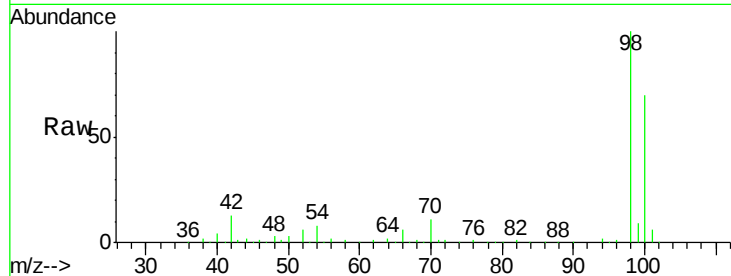




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 911
Delta R.T. -0.05 min
Lab File: VD061853.D
Acq: 17 Apr 2019 15:27

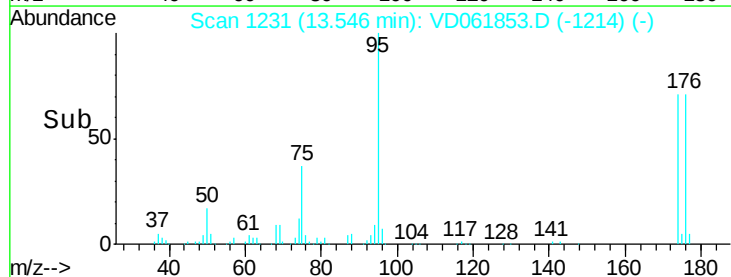
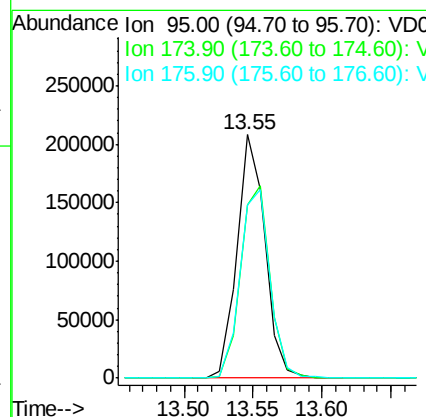
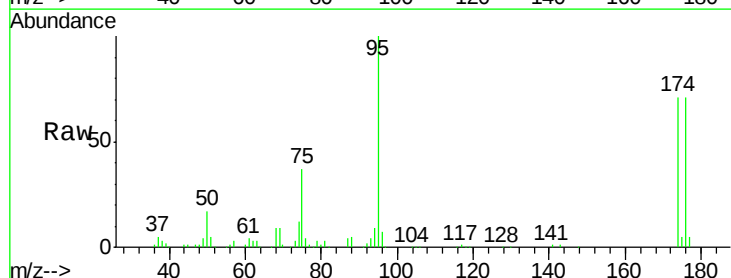
Instrument :
MSVOA_D
ClientSampleId :
TP-13-S2

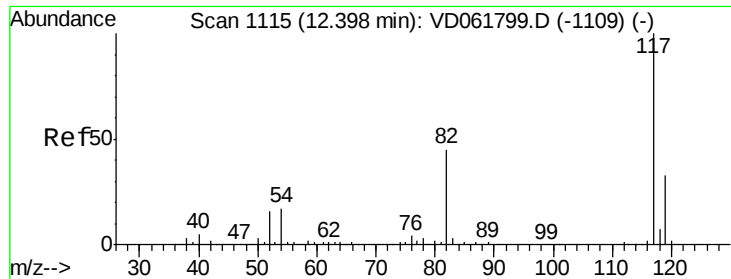
Tot Ion: 98 Resp: 740494
Ion Ratio Lower Upper
98 100
100 70.3 53.8 80.8



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1231
Delta R.T. -0.03 min
Lab File: VD061853.D
Acq: 17 Apr 2019 15:27

Tgt Ion: 95 Resp: 294239
Ion Ratio Lower Upper
95 100
174 71.4 0.0 181.8
176 71.1 0.0 174.4

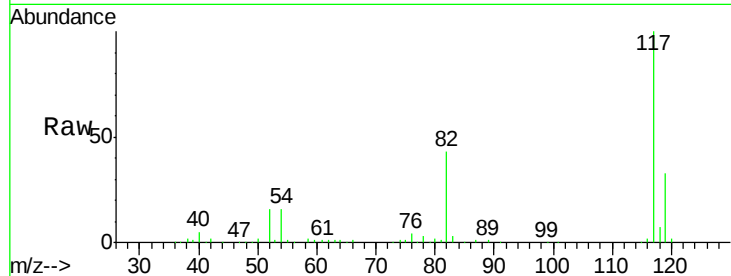




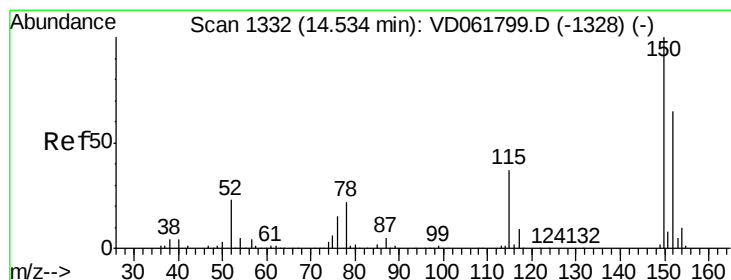
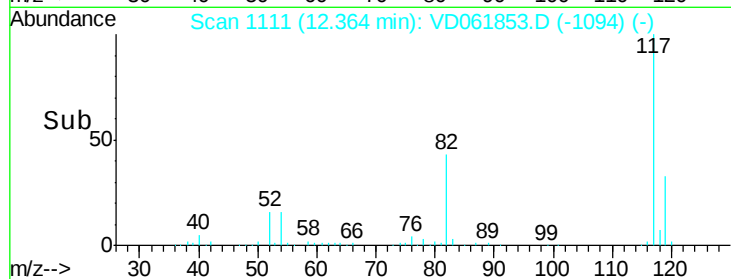
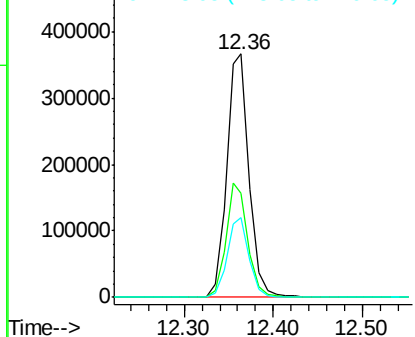
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.03 min
Lab File: VD061853.D
Acq: 17 Apr 2019 15:27

Instrument :
MSVOA_D
ClientSampleId :
TP-13-S2

Tot Ion:117 Resp: 644290
Ion Ratio Lower Upper
117 100
82 42.8 36.2 54.2
119 32.6 26.2 39.4

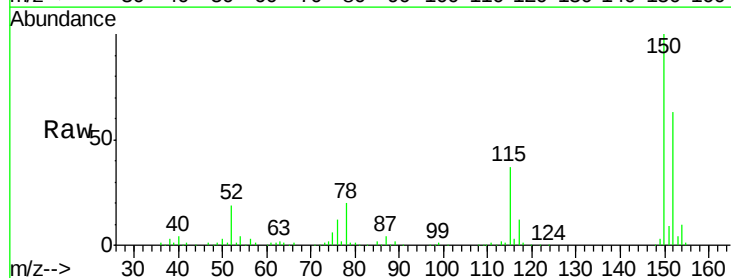


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.02 min
Lab File: VD061853.D
Acq: 17 Apr 2019 15:27

Tgt Ion:152 Resp: 274420
Ion Ratio Lower Upper
152 100
115 59.3 30.9 92.7
150 158.2 0.0 314.8



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

