

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041719\
 Data File : VD061855.D
 Acq On : 17 Apr 2019 16:22
 Operator : VA/AP
 Sample : K2376-02RE
 Misc : 3.85g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4-S2RE

Quant Time: Apr 17 16:48:08 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

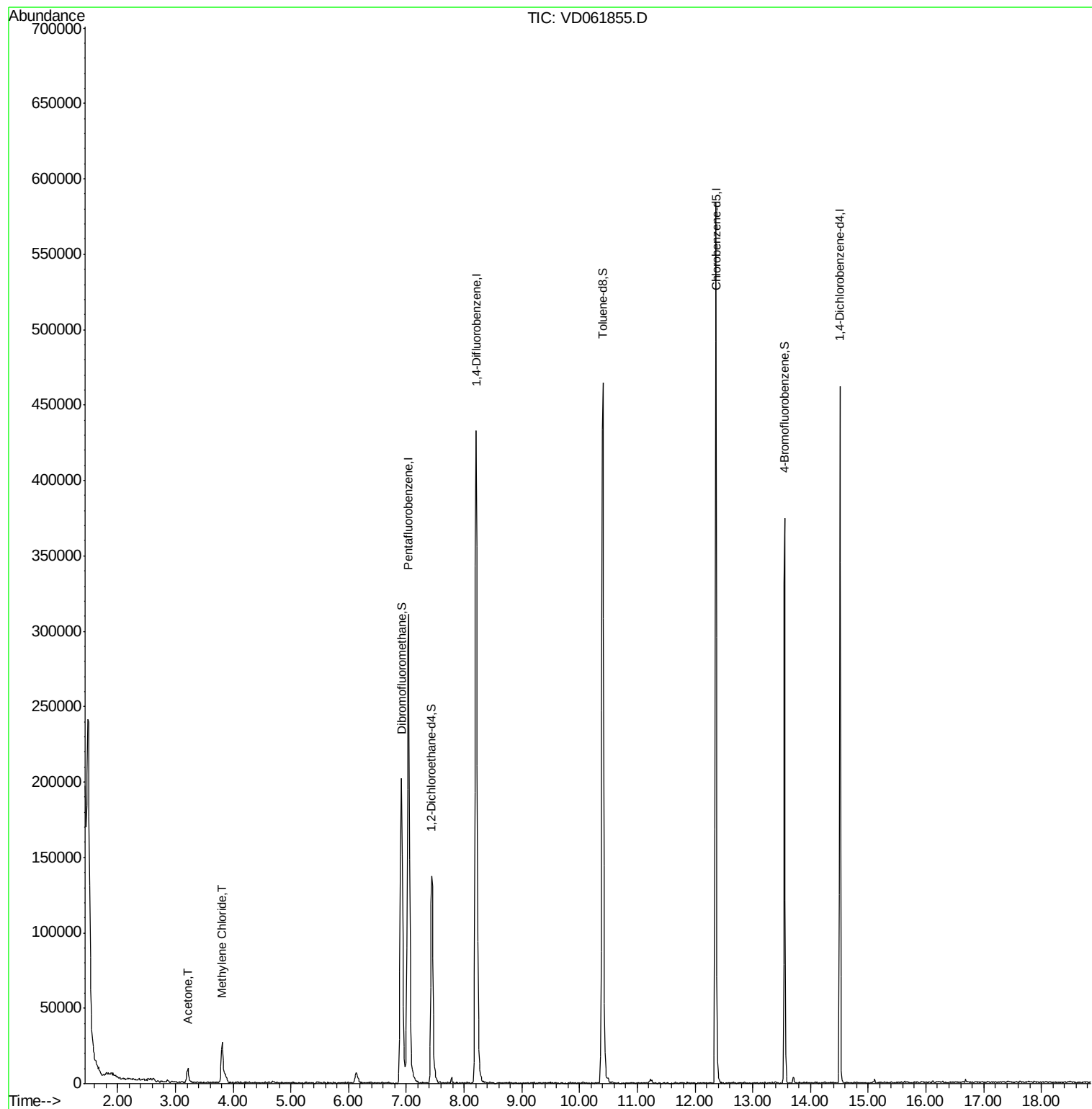
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	318429	50.00	ug/l	-0.05
34) 1,4-Difluorobenzene	8.21	114	523453	50.00	ug/l	-0.05
63) Chlorobenzene-d5	12.36	117	368253	50.00	ug/l	-0.04
72) 1,4-Dichlorobenzene-d4	14.51	152	108214	50.00	ug/l	-0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	144729	54.23	ug/l	-0.05
Spiked Amount 50.000			Recovery	=	108.46%	
35) Dibromofluoromethane	6.91	113	201956	51.07	ug/l	-0.06
Spiked Amount 50.000			Recovery	=	102.14%	
50) Toluene-d8	10.40	98	415089	44.30	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	88.60%	
62) 4-Bromofluorobenzene	13.55	95	125850	33.14	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	66.28%	
Target Compounds						
16) Acetone	3.21	43	17198	26.147	ug/l	92
20) Methylene Chloride	3.81	84	21145	2.070	ug/l	93

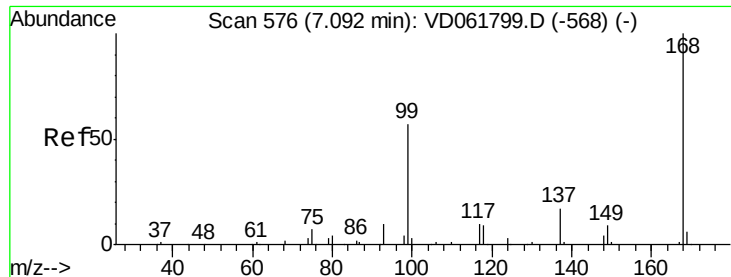
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Apr 16 08:53:01 2019
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: VD061855.D

Acq: 17 Apr 2019 16:22

Instrument :

MSVOA_D

ClientSampleId :

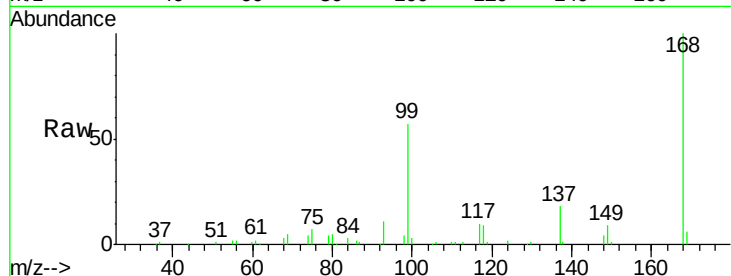
TP-4-S2RE

Tot Ion:168 Resp: 318429

Ion Ratio Lower Upper

168 100

99 56.7 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

120000

100000

80000

60000

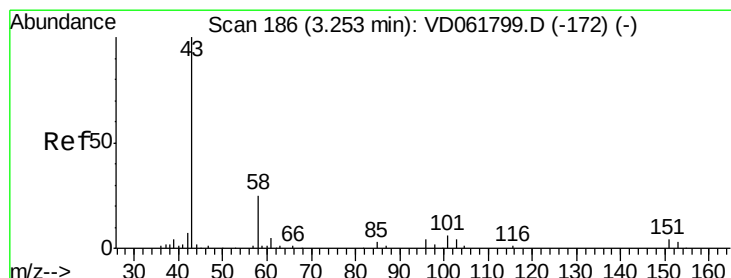
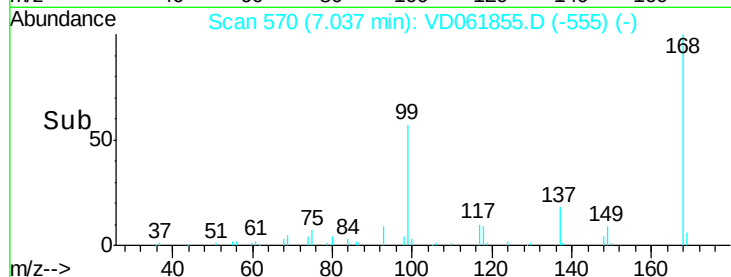
40000

20000

0

7.00 7.20

Time-->



#16

Acetone

Concen: 26.147 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.04 min

Lab File: VD061855.D

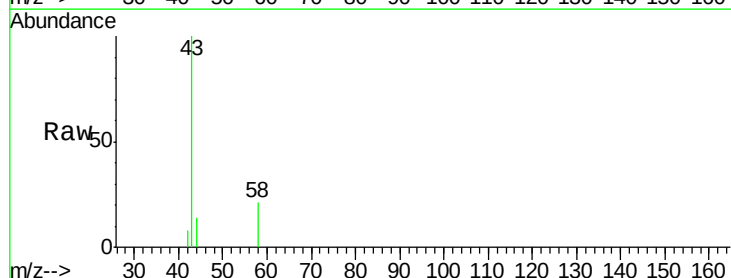
Acq: 17 Apr 2019 16:22

Tgt Ion: 43 Resp: 17198

Ion Ratio Lower Upper

43 100

58 20.9 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

6000

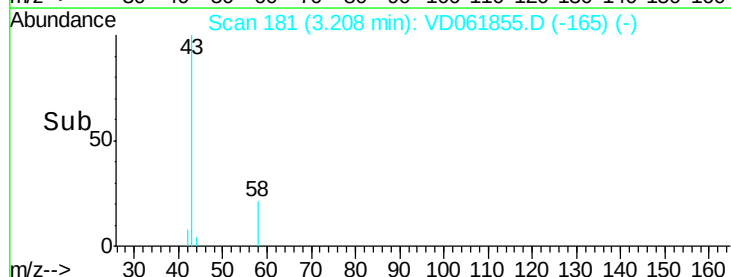
4000

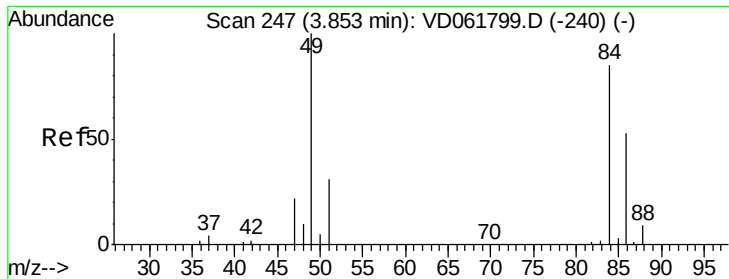
2000

0

3.10 3.20 3.30

Time-->

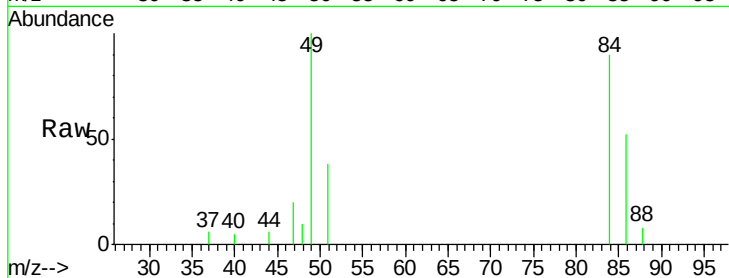




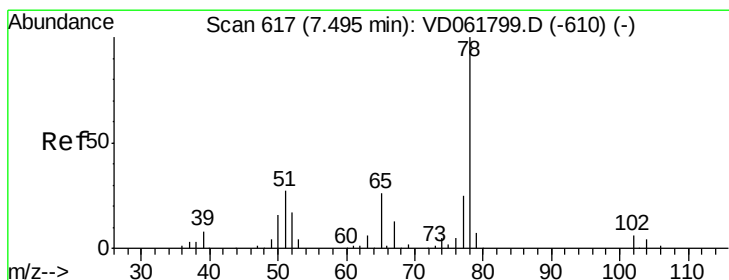
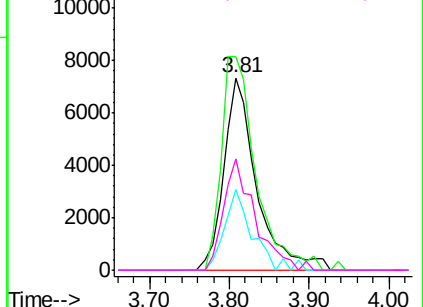
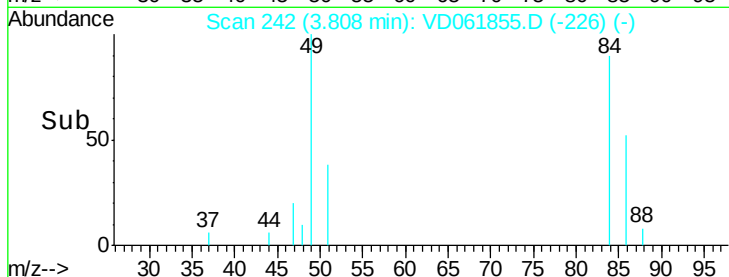
#20
Methylene Chloride
Concen: 2.070 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.04 min
Lab File: VD061855.D
Acq: 17 Apr 2019 16:22

Instrument :
MSVOA_D
ClientSampleId :
TP-4-S2RE

Tot Ion: 84 Resp: 21145
Ion Ratio Lower Upper
84 100
49 111.0 94.0 141.0
51 42.2 29.0 43.4
86 57.7 49.8 74.6

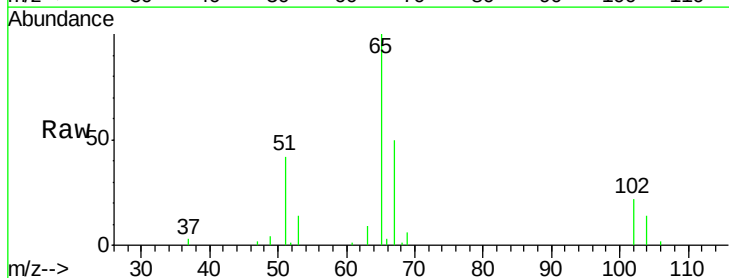


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

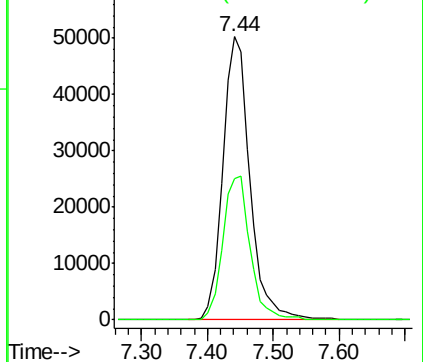
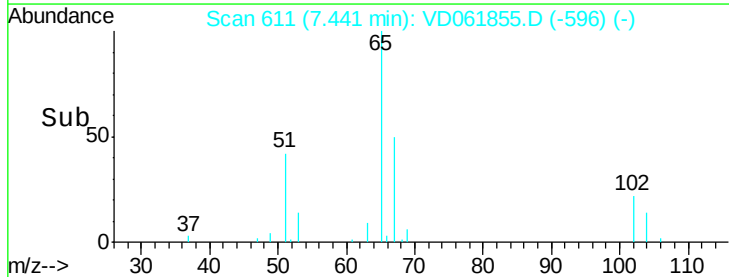


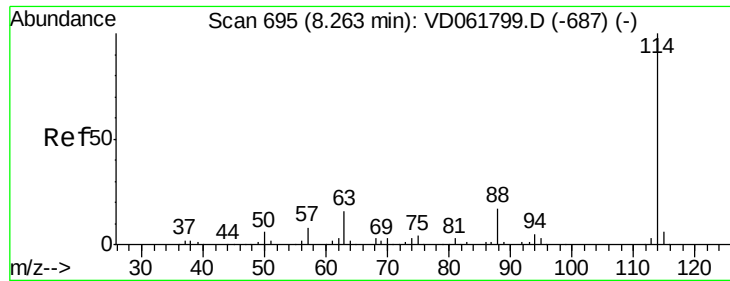
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.05 min
Lab File: VD061855.D
Acq: 17 Apr 2019 16:22

Tgt Ion: 65 Resp: 144729
Ion Ratio Lower Upper
65 100
67 49.8 0.0 98.0



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

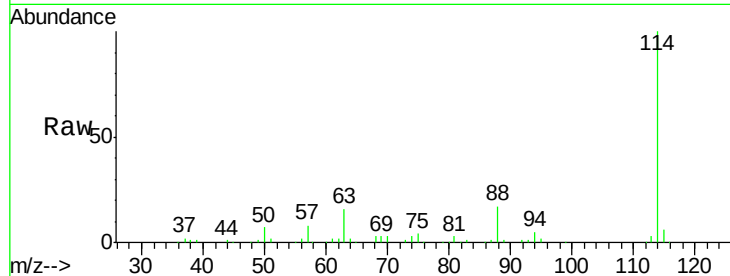




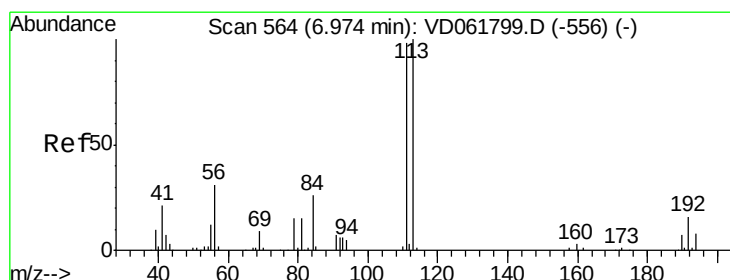
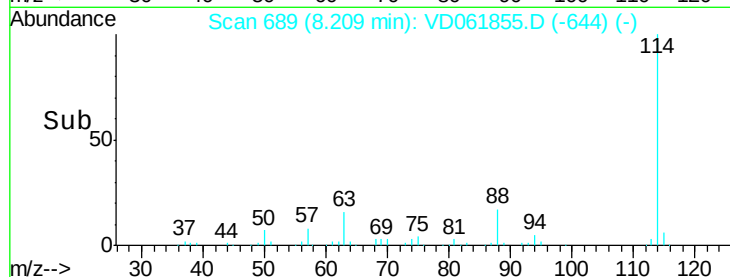
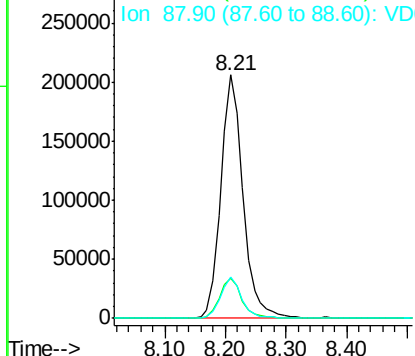
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. -0.05 min
 Lab File: VD061855.D
 Acq: 17 Apr 2019 16:22

Instrument :
 MSVOA_D
 ClientSampled :
 TP-4-S2RE

Tot Ion:114 Resp: 523453
 Ion Ratio Lower Upper
 114 100
 63 16.5 0.0 32.4
 88 16.8 0.0 33.6

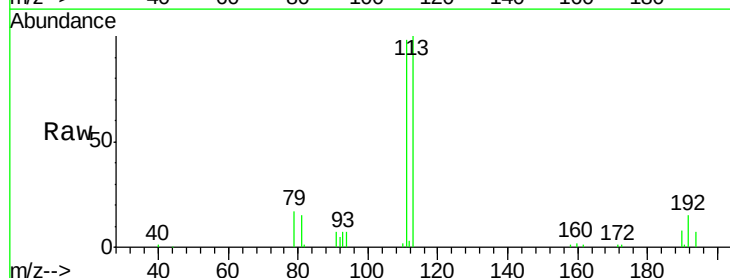


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

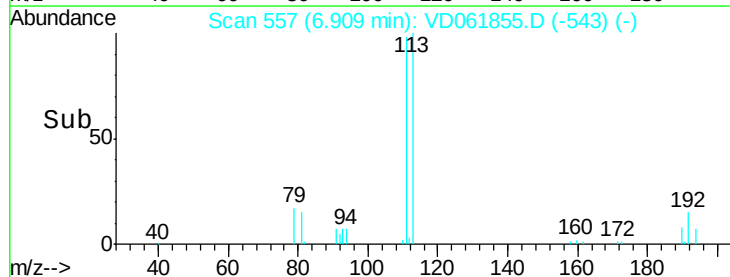
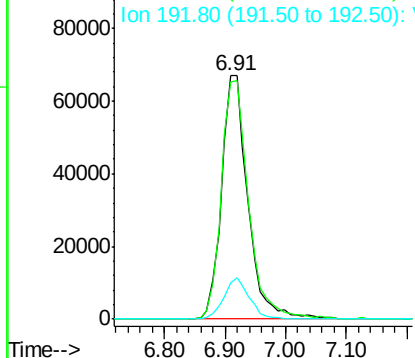


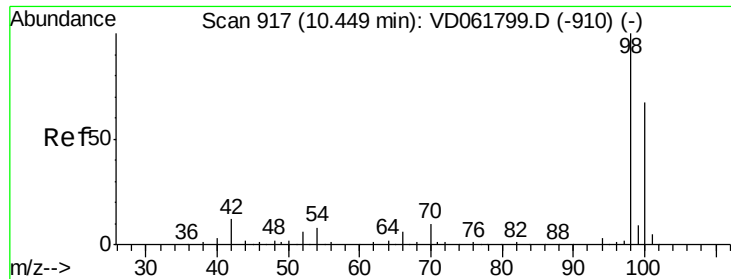
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. -0.06 min
 Lab File: VD061855.D
 Acq: 17 Apr 2019 16:22

Tgt Ion:113 Resp: 201956
 Ion Ratio Lower Upper
 113 100
 111 97.6 78.5 117.7
 192 14.8 13.0 19.4



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

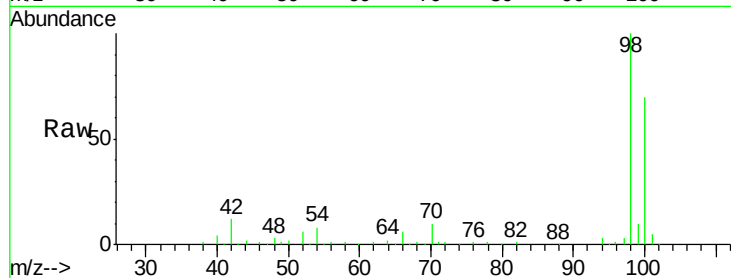




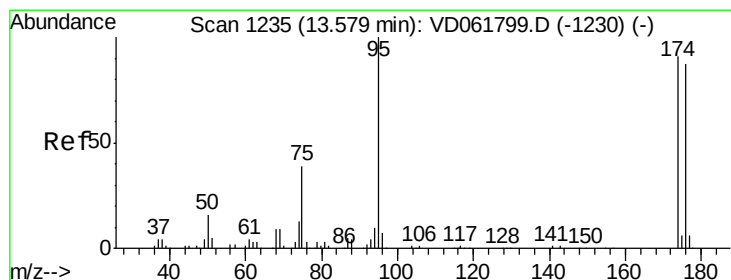
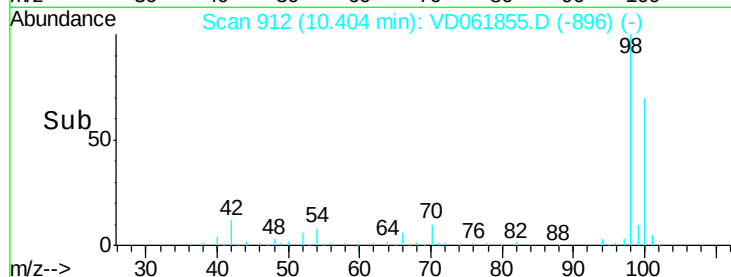
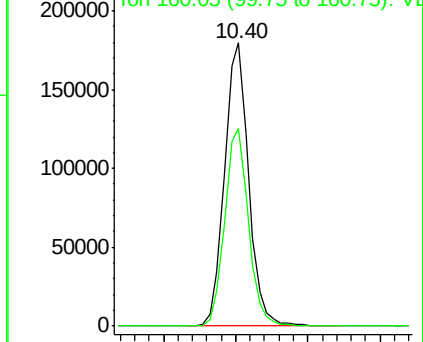
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.04 min
Lab File: VD061855.D
Acq: 17 Apr 2019 16:22

Instrument :
MSVOA_D
ClientSampleId :
TP-4-S2RE

Tot Ion: 98 Resp: 415089
Ion Ratio Lower Upper
98 100
100 69.7 53.8 80.8

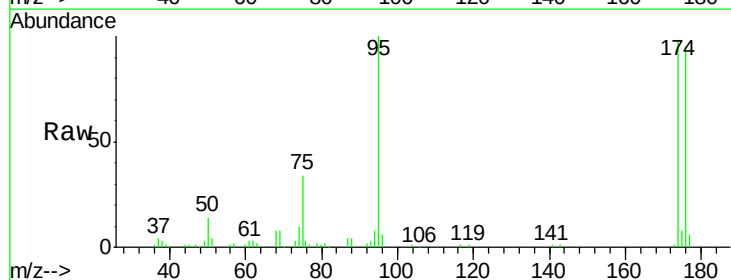


Abundance Ion 98.05 (97.75 to 98.75): VD061799.D (-910) (-)
Ion 100.05 (99.75 to 100.75): VD061799.D (-910) (-)

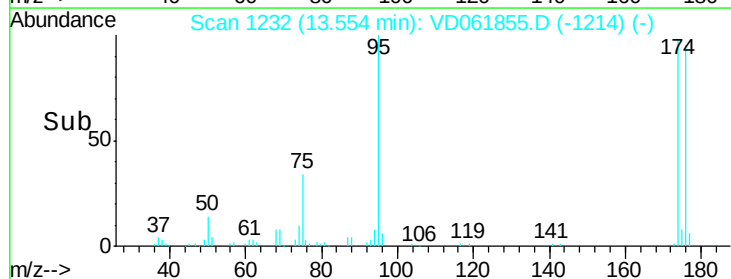
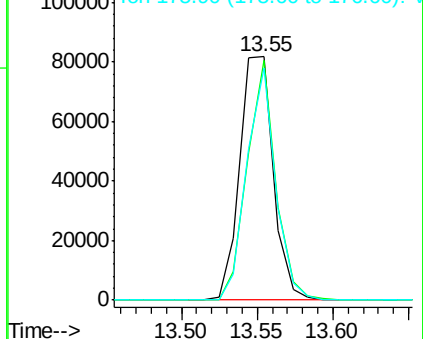


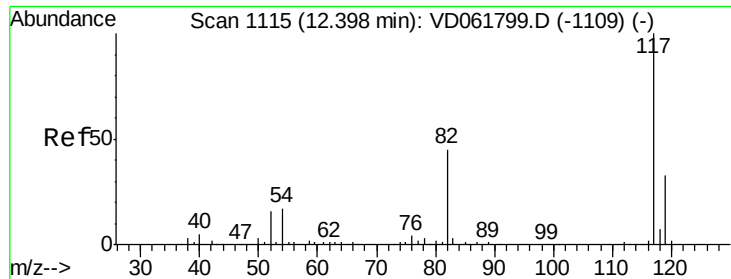
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.03 min
Lab File: VD061855.D
Acq: 17 Apr 2019 16:22

Tgt Ion: 95 Resp: 125850
Ion Ratio Lower Upper
95 100
174 98.3 0.0 181.8
176 95.3 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD061799.D (-1230) (-)
Ion 173.90 (173.60 to 174.60): VD061799.D (-1230) (-)
Ion 175.90 (175.60 to 176.60): VD061799.D (-1230) (-)

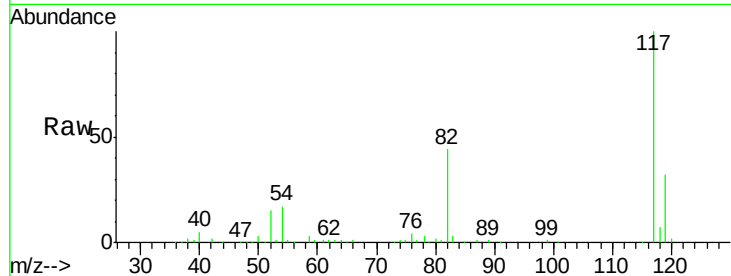




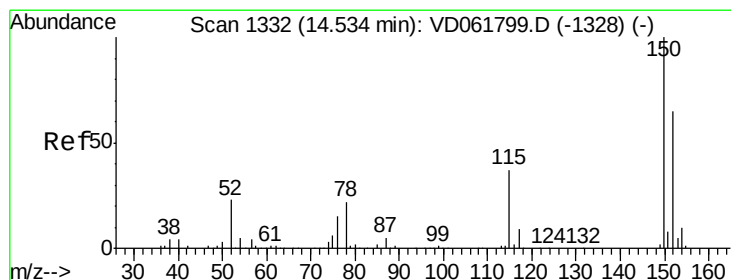
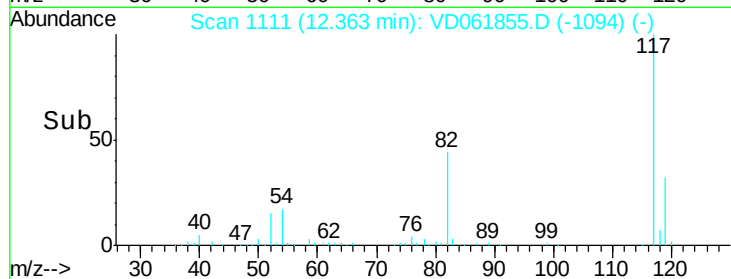
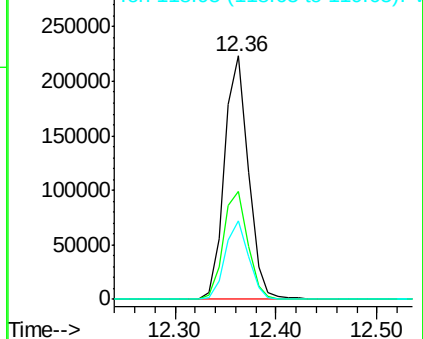
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.04 min
Lab File: VD061855.D
Acq: 17 Apr 2019 16:22

Instrument :
MSVOA_D
ClientSampleId :
TP-4-S2RE

Tot Ion:117 Resp: 368253
Ion Ratio Lower Upper
117 100
82 44.3 36.2 54.2
119 32.4 26.2 39.4

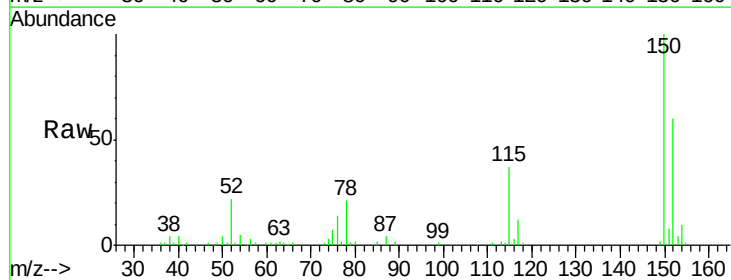


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.03 min
Lab File: VD061855.D
Acq: 17 Apr 2019 16:22

Tgt Ion:152 Resp: 108214
Ion Ratio Lower Upper
152 100
115 60.6 30.9 92.7
150 166.1 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

