

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041819\
 Data File : VD061871.D
 Acq On : 18 Apr 2019 13:45
 Operator : VA/AP
 Sample : K2397-10
 Misc : 3.87g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3-S2

Quant Time: Apr 18 14:37:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 13:49:04 2019
 Response via : Initial Calibration

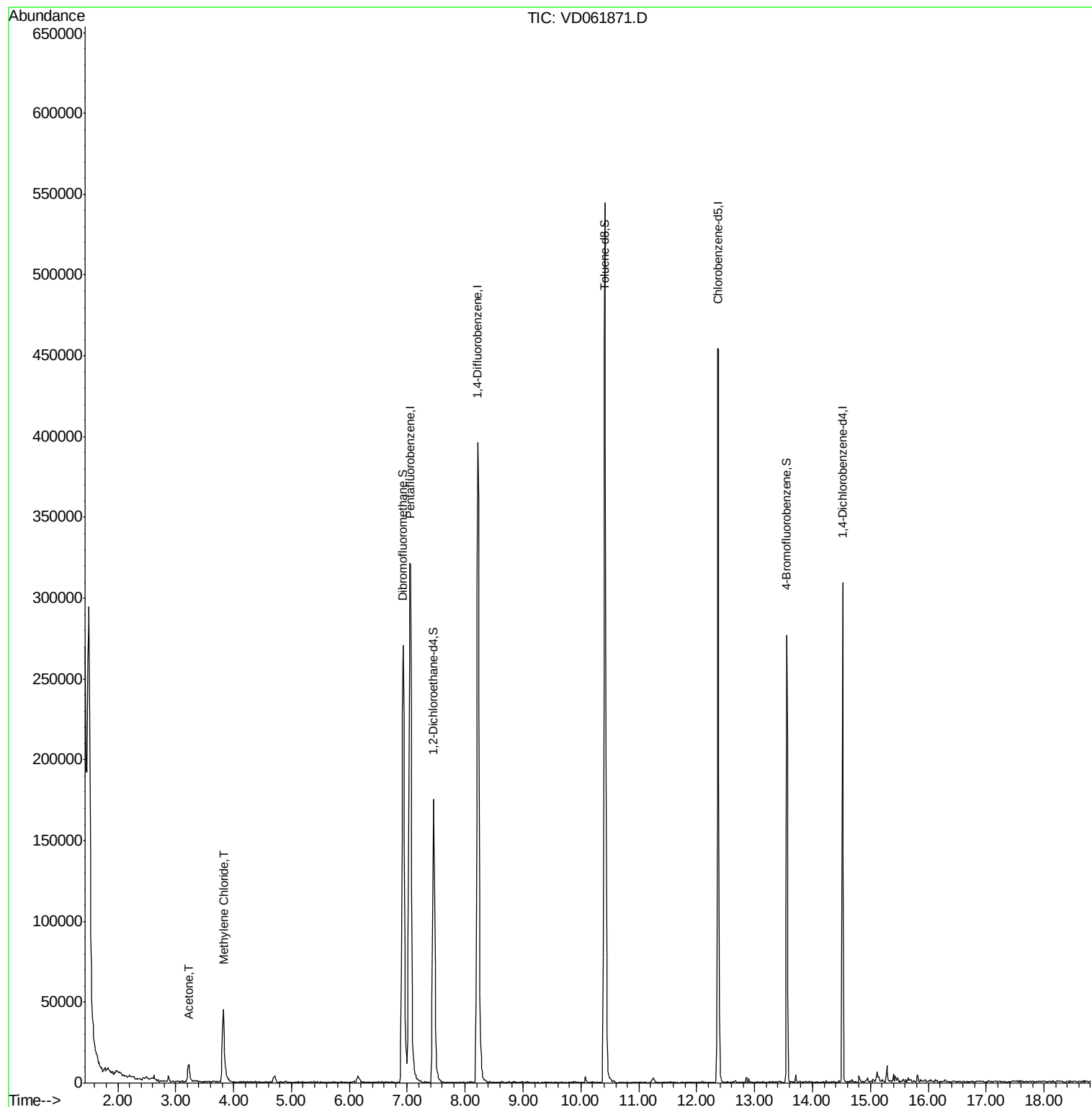
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	349235	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	498849	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	300744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	66433	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	175442	59.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.88%	
35) Dibromofluoromethane	6.93	113	253547	67.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	134.54%	
50) Toluene-d8	10.41	98	481742	53.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.90%	
62) 4-Bromofluorobenzene	13.55	95	88666	24.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	49.00%	
Target Compounds						
16) Acetone	3.22	43	23131	32.065	ug/l #	85
20) Methylene Chloride	3.83	84	34084	5.415	ug/l	96

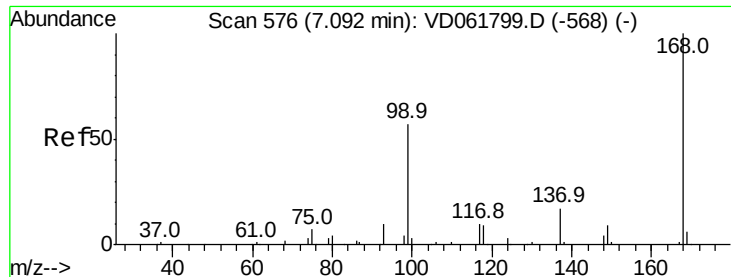
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 18 13:49:04 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.00 min

Lab File: VD061871.D

Acq: 18 Apr 2019 13:45

Instrument :

MSVOA_D

ClientSampleId :

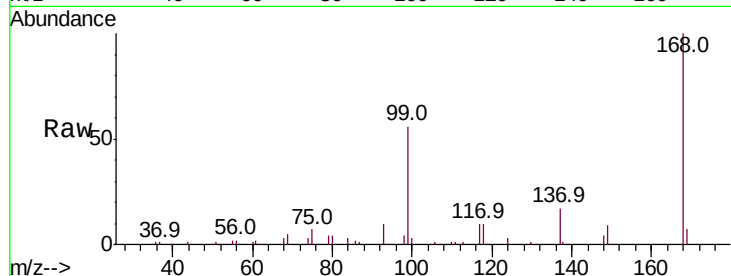
TP-3-S2

Tot Ion:168 Resp: 349235

Ion Ratio Lower Upper

168 100

99 55.5 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

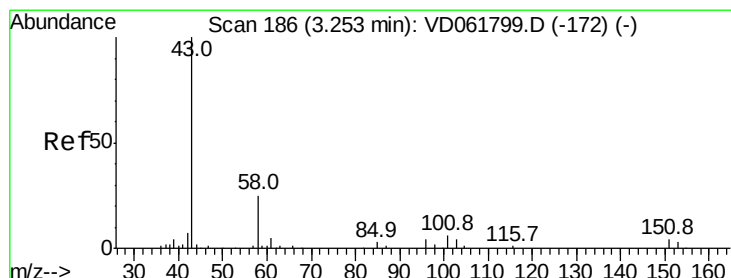
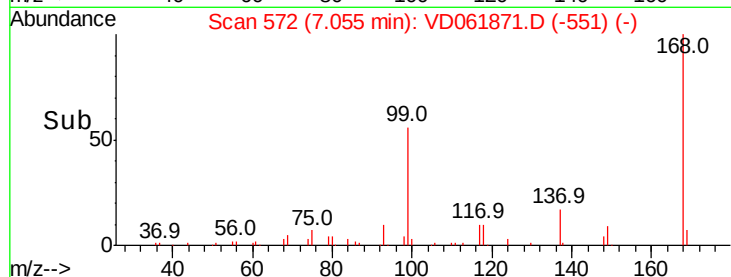
7.06

100000

50000

0

Time-->



#16

Acetone

Concen: 32.065 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.00 min

Lab File: VD061871.D

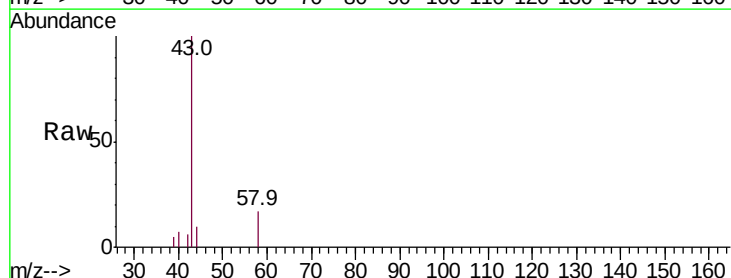
Acq: 18 Apr 2019 13:45

Tgt Ion: 43 Resp: 23131

Ion Ratio Lower Upper

43 100

58 17.4 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

8000

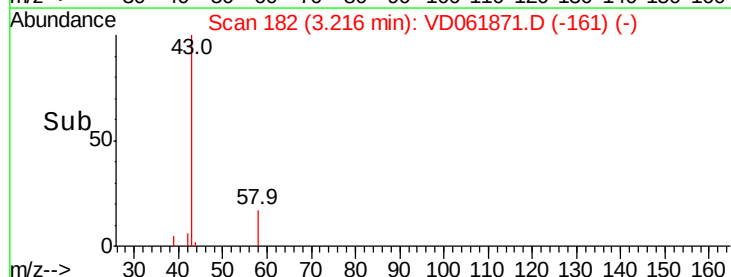
6000

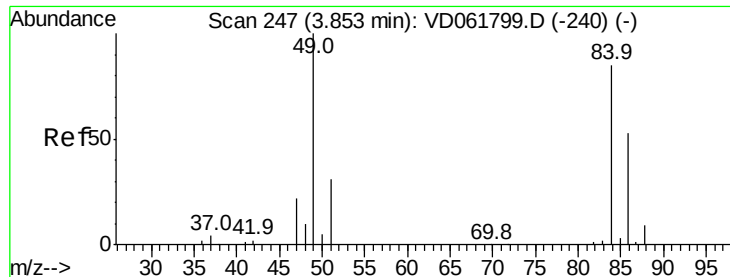
4000

2000

0

Time-->

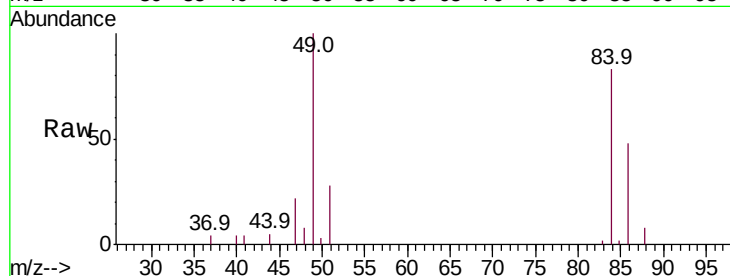




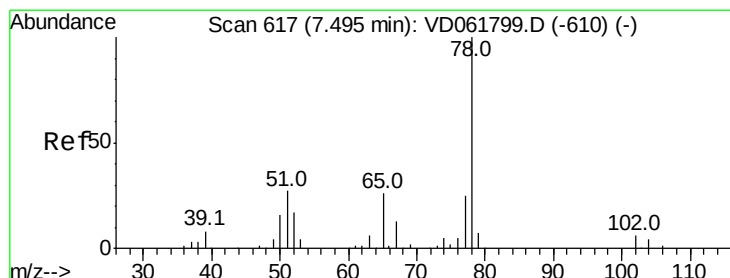
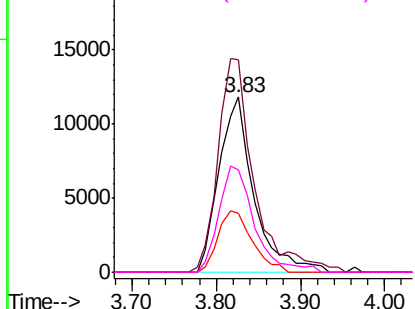
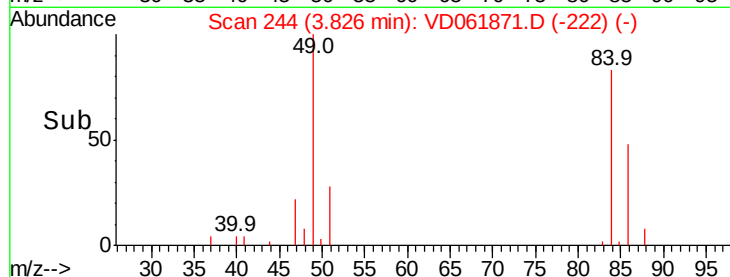
#20
Methvlene Chloride
Concen: 5.415 ug/l
RT: 3.83 min Scan# 244
Delta R.T. 0.01 min
Lab File: VD061871.D
Acq: 18 Apr 2019 13:45

Instrument :
MSVOA_D
ClientSampleId :
TP-3-S2

Tot Ion: 84 Resp: 34084
Ion Ratio Lower Upper
84 100
49 121.0 94.0 141.0
51 33.7 29.0 43.4
86 58.2 49.8 74.6

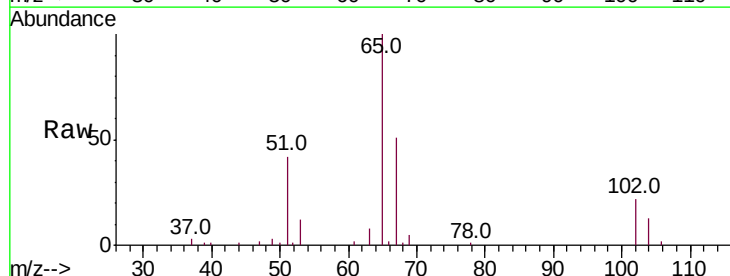


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

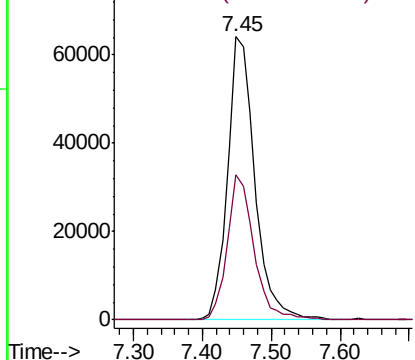
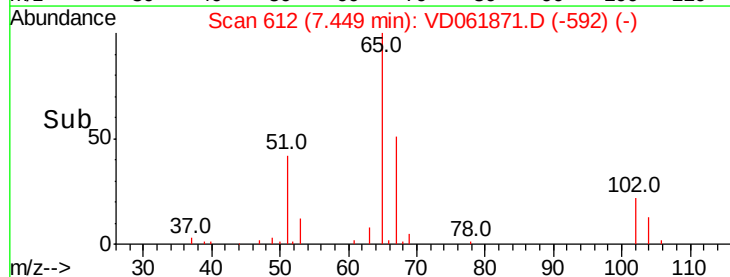


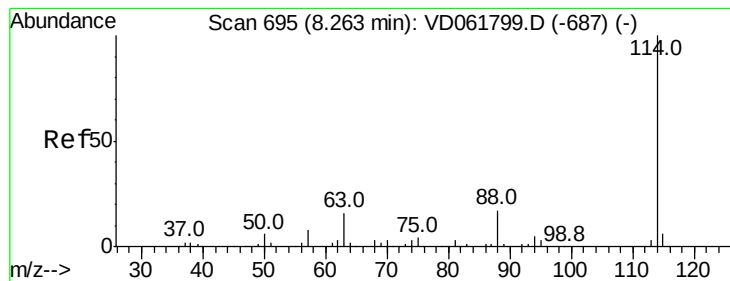
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.01 min
Lab File: VD061871.D
Acq: 18 Apr 2019 13:45

Tgt Ion: 65 Resp: 175442
Ion Ratio Lower Upper
65 100
67 51.1 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: 8.22 min Scan# 690

Delta R.T. -0.01 min

Lab File: VD061871.D

Acq: 18 Apr 2019 13:45

Instrument :

MSVOA_D

ClientSampleId :

TP-3-S2

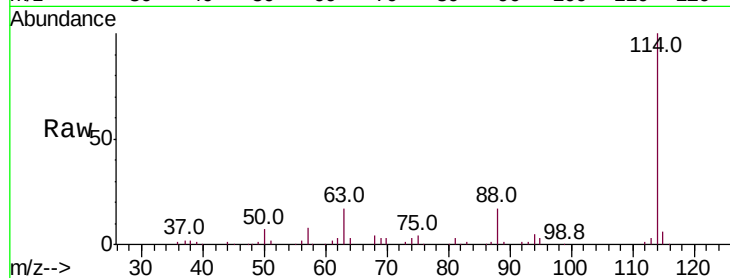
Tot Ion:114 Resp: 498849

Ion Ratio Lower Upper

114 100

63 17.1 0.0 32.4

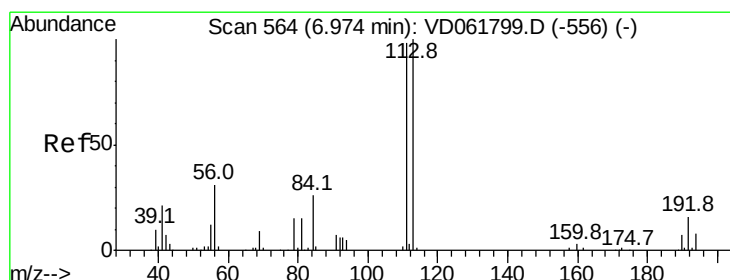
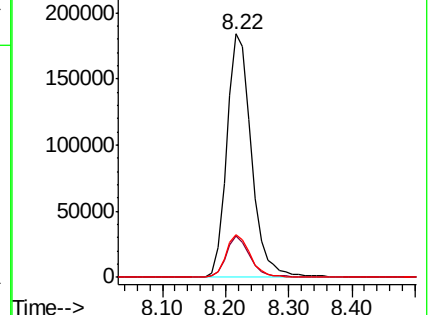
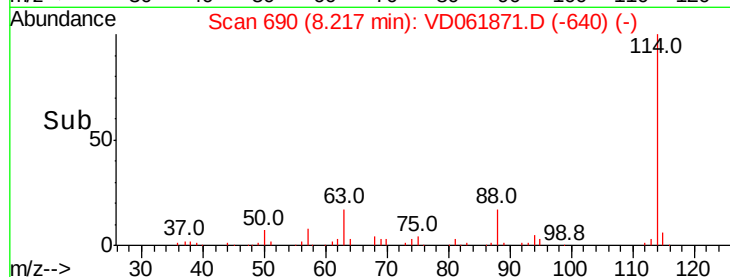
88 17.4 0.0 33.6



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: 6.93 min Scan# 559

Delta R.T. 0.00 min

Lab File: VD061871.D

Acq: 18 Apr 2019 13:45

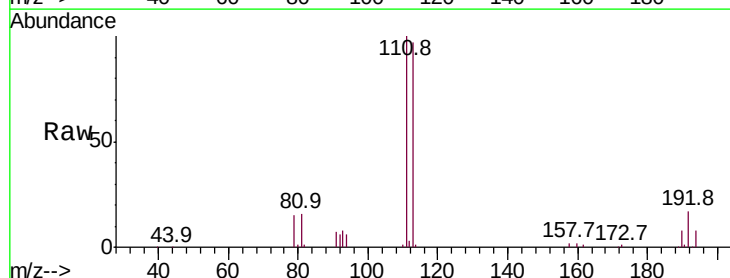
Tgt Ion:113 Resp: 253547

Ion Ratio Lower Upper

113 100

111 103.0 78.5 117.7

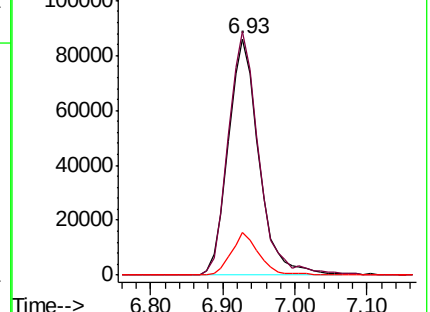
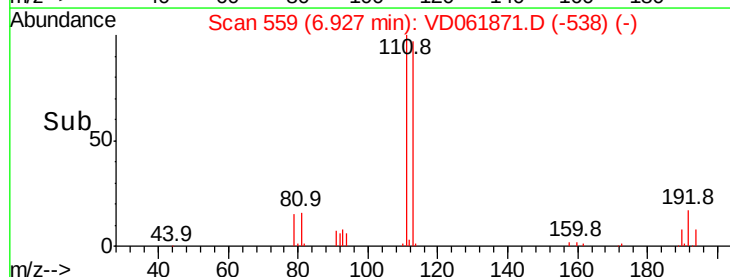
192 17.9 13.0 19.4

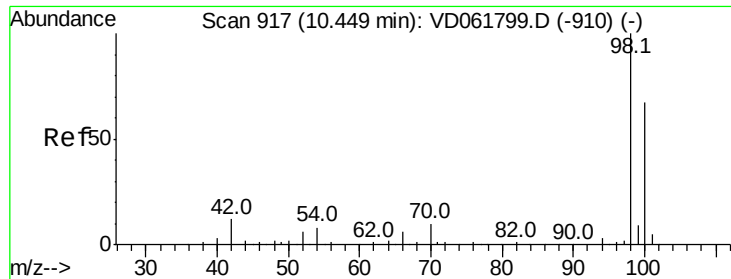


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

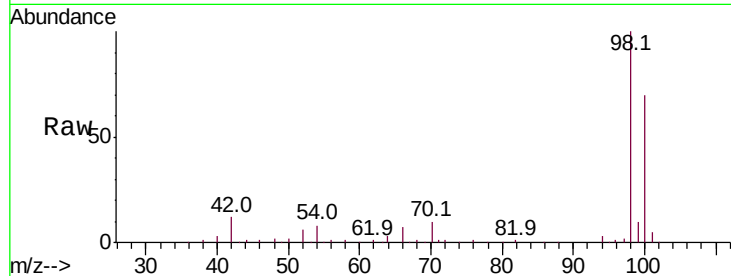




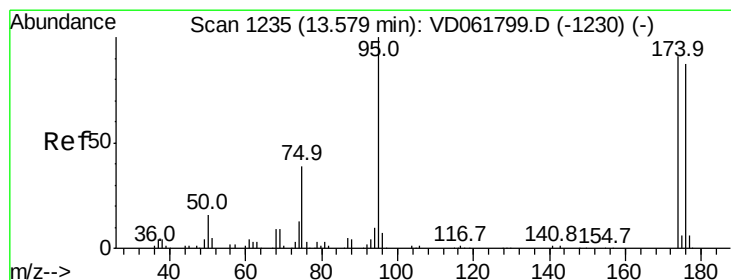
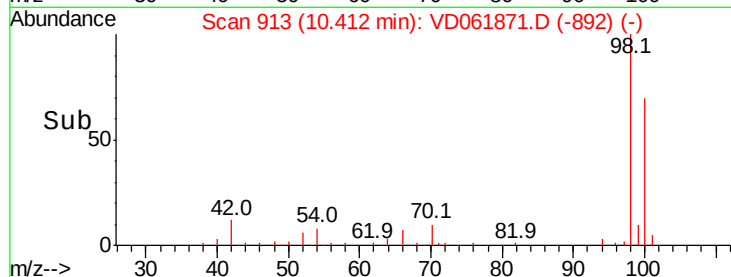
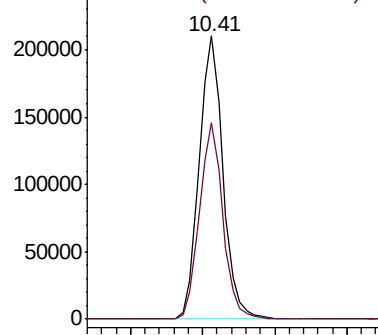
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.00 min
Lab File: VD061871.D
Acq: 18 Apr 2019 13:45

Instrument :
MSVOA_D
ClientSampleId :
TP-3-S2

Tot Ion: 98 Resp: 481742
Ion Ratio Lower Upper
98 100
100 69.6 53.8 80.8

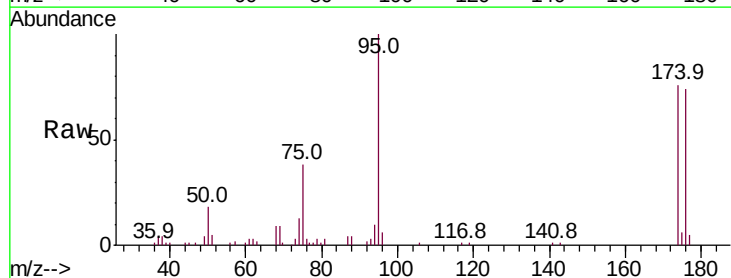


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

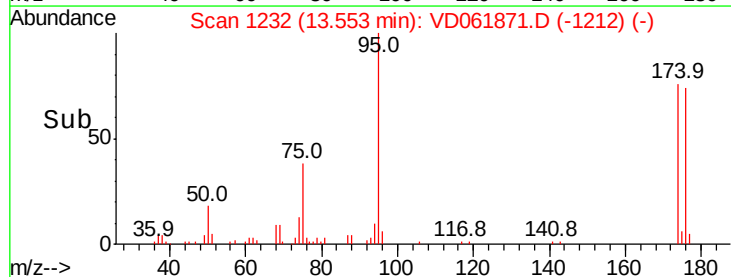
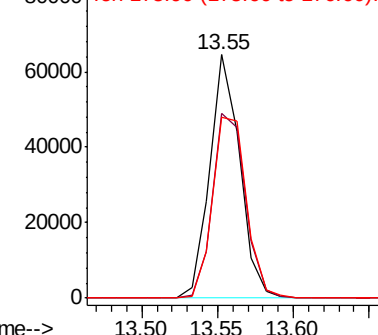


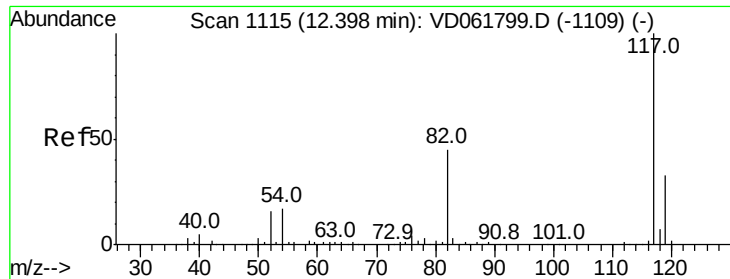
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD061871.D
Acq: 18 Apr 2019 13:45

Tgt Ion: 95 Resp: 88666
Ion Ratio Lower Upper
95 100
174 75.8 0.0 181.8
176 74.4 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VDC
Ion 173.90 (173.60 to 174.60): VDC
Ion 175.90 (175.60 to 176.60): VDC





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.37 min Scan# 1112

Delta R.T. 0.00 min

Lab File: VD061871.D

Acq: 18 Apr 2019 13:45

Instrument :

MSVOA_D

ClientSampleId :

TP-3-S2

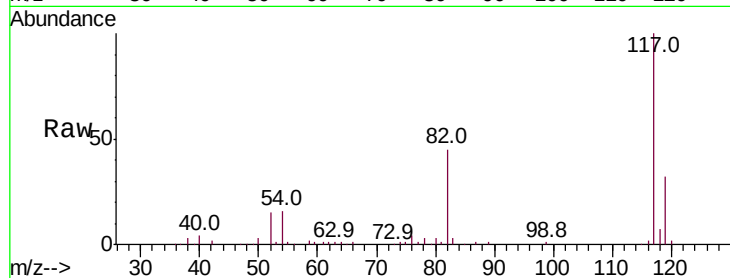
Tot Ion:117 Resp: 300744

Ion Ratio Lower Upper

117 100

82 44.7 36.2 54.2

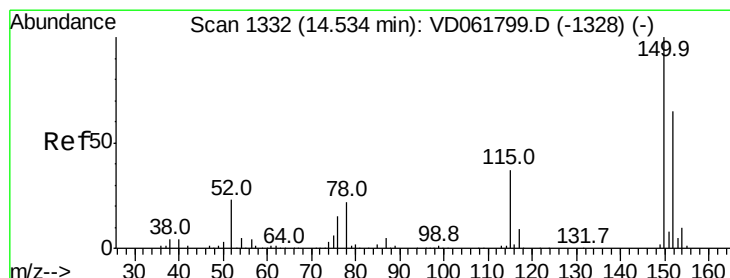
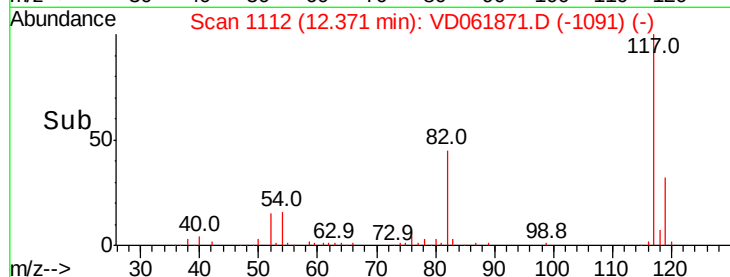
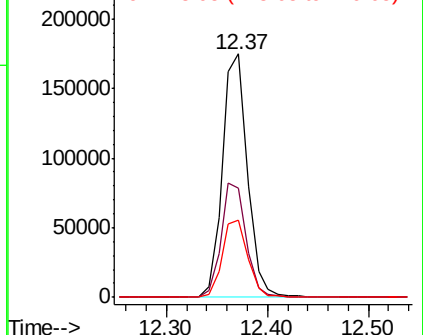
119 31.6 26.2 39.4



Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): VD

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: VD061871.D

Acq: 18 Apr 2019 13:45

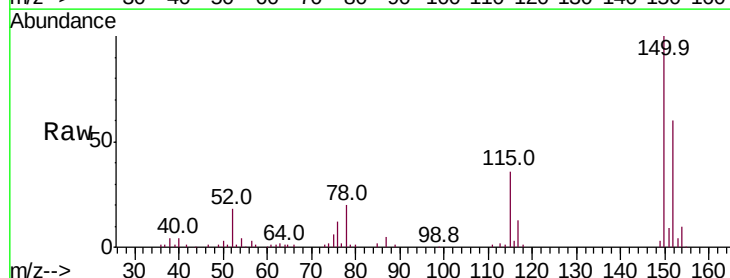
Tgt Ion:152 Resp: 66433

Ion Ratio Lower Upper

152 100

115 59.6 30.9 92.7

150 165.5 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

