

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041819\
 Data File : VD061879.D
 Acq On : 18 Apr 2019 17:32
 Operator : VA/AP
 Sample : K2423-19
 Misc : 6.01g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP5-B

Quant Time: Apr 18 17:57:15 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

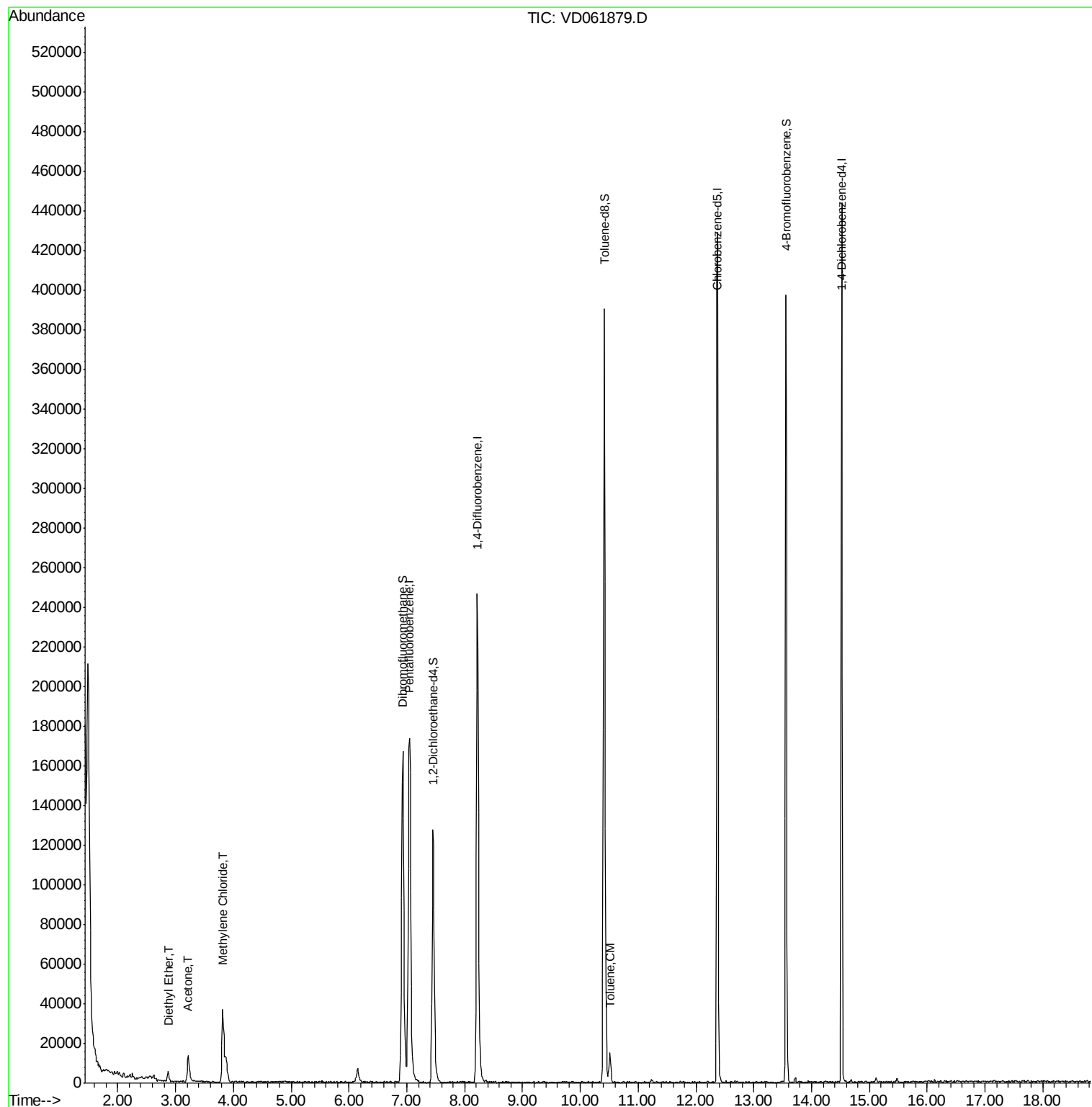
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	191243	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	306374	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	273547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	104165	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	134680	84.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	168.06%	
35) Dibromofluoromethane	6.93	113	152222	65.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	131.52%	
50) Toluene-d8	10.41	98	331574	60.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.92%	
62) 4-Bromofluorobenzene	13.55	95	119395	53.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.42%	
Target Compounds						
8) Diethyl Ether	2.87	74	1865	2.972	ug/l	85
16) Acetone	3.22	43	28903	73.167	ug/l	94
20) Methylene Chloride	3.82	84	27397	10.312	ug/l	94
52) Toluene	10.51	92	8609	2.235	ug/l	99

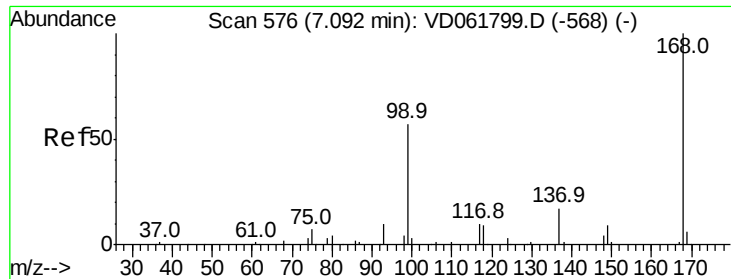
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041819\
Data File : VD061879.D
Acq On : 18 Apr 2019 17:32
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Misc : 6.01a/5ml/MSVOA D/SOIL
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Quant Time: Apr 18 17:57:15 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 18 13:49:04 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.00 min

Lab File: VD061879.D

Acq: 18 Apr 2019 17:32

Instrument :

MSVOA_D

ClientSampleId :

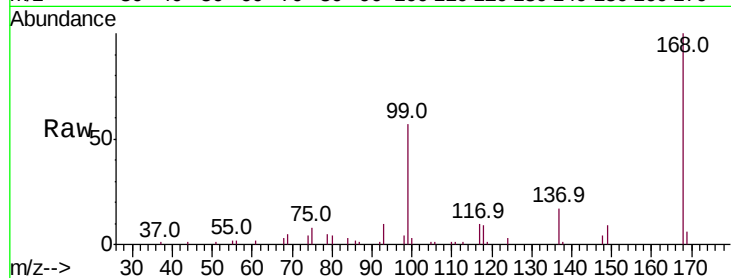
TP5-B

Tot Ion:168 Resp: 191243

Ion Ratio Lower Upper

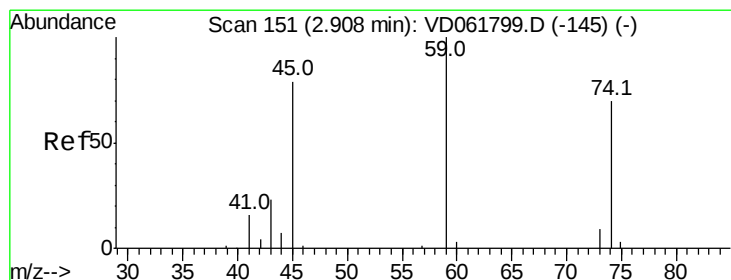
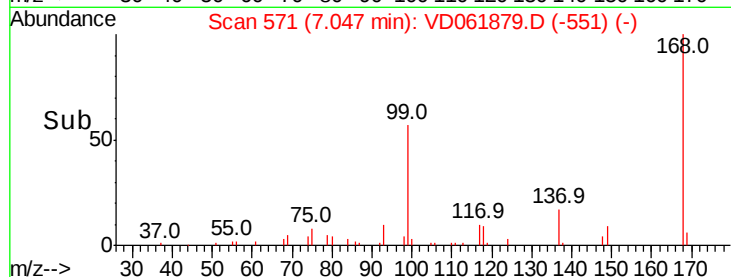
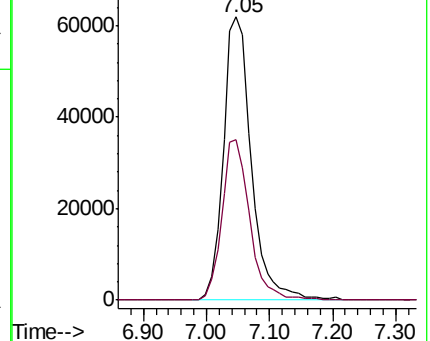
168 100

99 56.9 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#8

Diethyl Ether

Concen: 2.972 ug/l

RT: 2.87 min Scan# 147

Delta R.T. 0.01 min

Lab File: VD061879.D

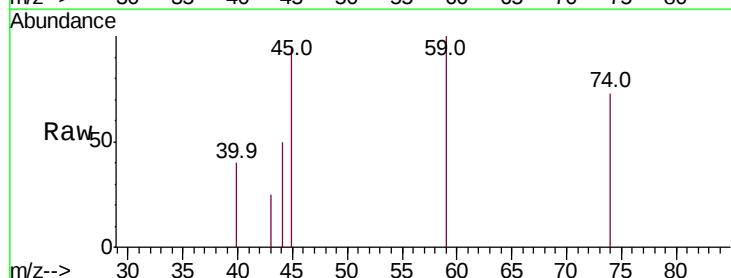
Acq: 18 Apr 2019 17:32

Tgt Ion: 74 Resp: 1865

Ion Ratio Lower Upper

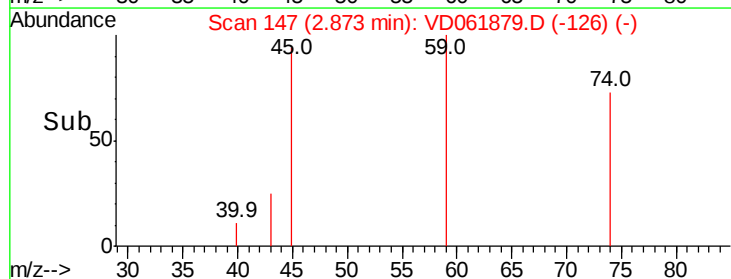
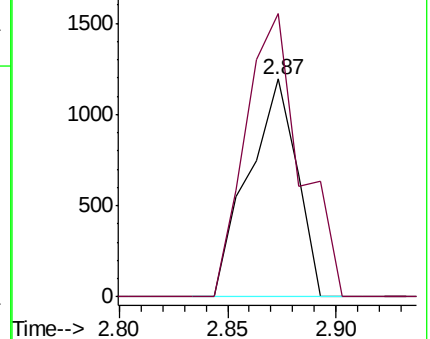
74 100

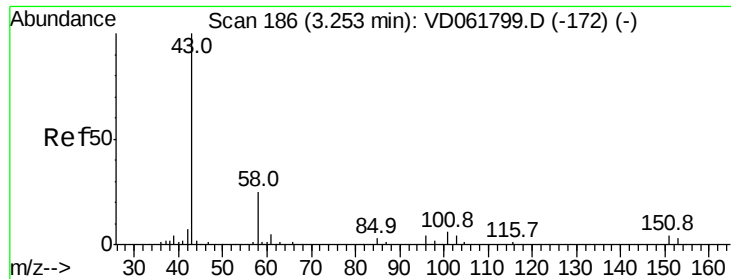
45 130.1 56.9 170.7



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC





#16

Acetone

Concen: 73.167 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.01 min

Lab File: VD061879.D

Acq: 18 Apr 2019 17:32

Instrument :

MSVOA_D

ClientSampled :

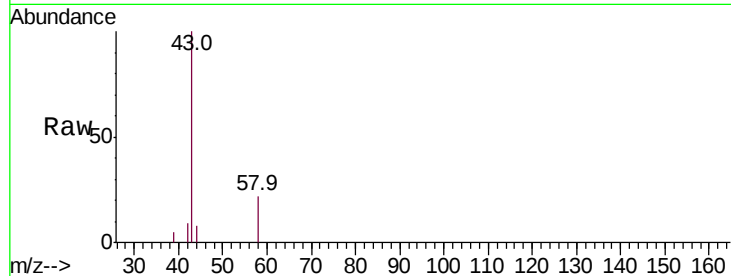
TP5-B

Tot Ion: 43 Resp: 28903

Ion Ratio Lower Upper

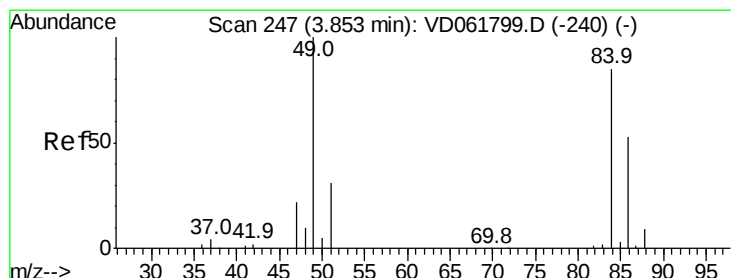
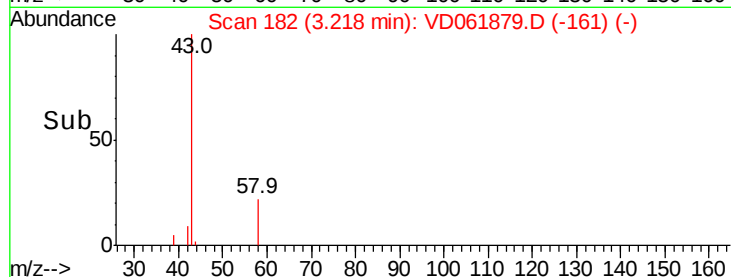
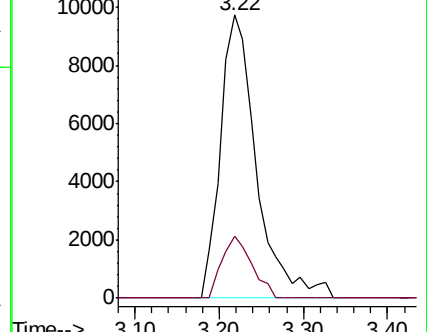
43 100

58 21.9 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC



#20

Methylene Chloride

Concen: 10.312 ug/l

RT: 3.82 min Scan# 243

Delta R.T. 0.01 min

Lab File: VD061879.D

Acq: 18 Apr 2019 17:32

Tgt Ion: 84 Resp: 27397

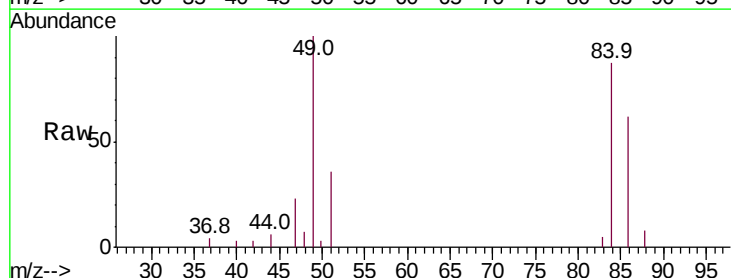
Ion Ratio Lower Upper

84 100

49 114.9 94.0 141.0

51 41.5 29.0 43.4

86 71.0 49.8 74.6

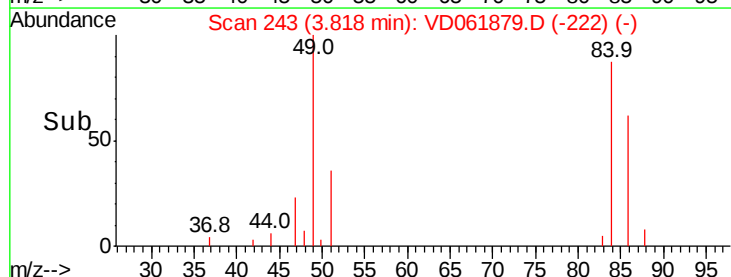
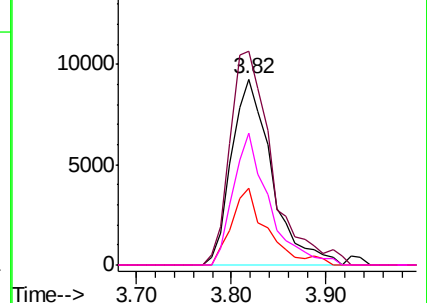


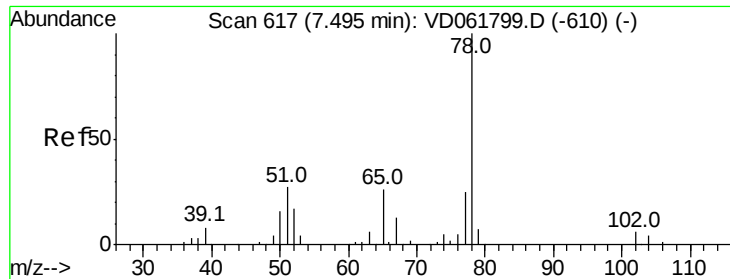
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

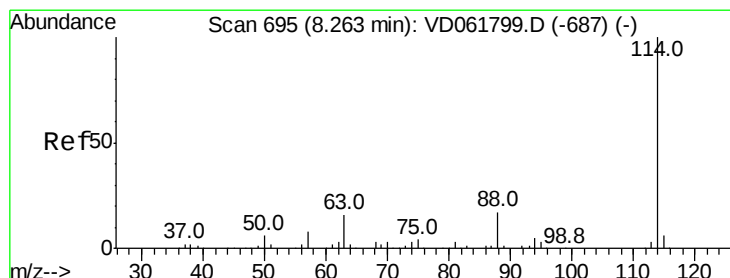
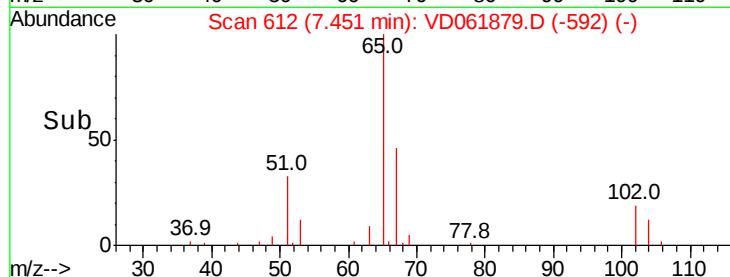
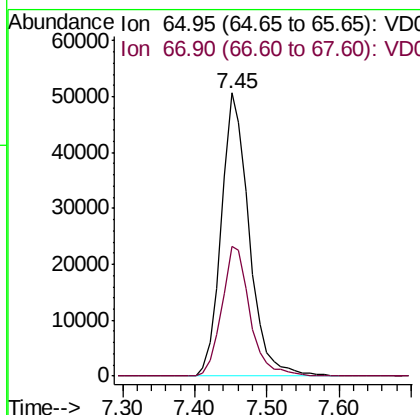
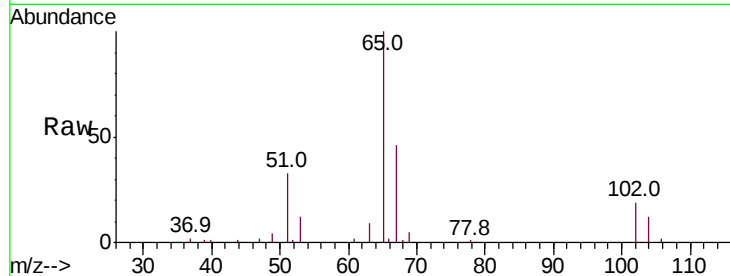




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: VD061879.D
 Acq: 18 Apr 2019 17:32

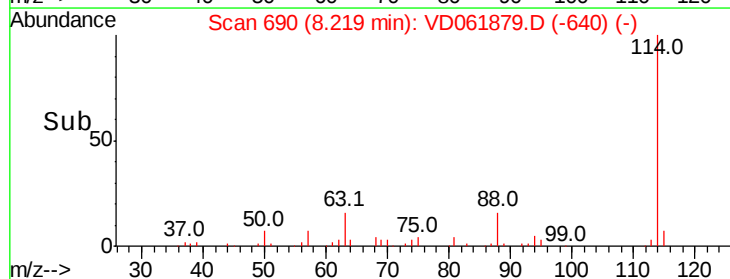
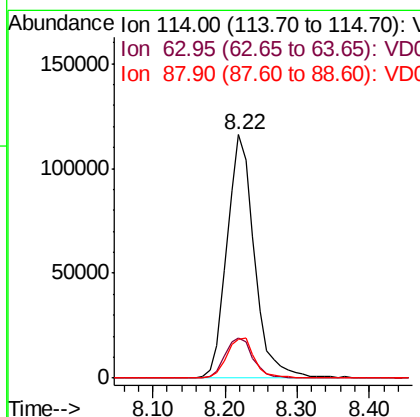
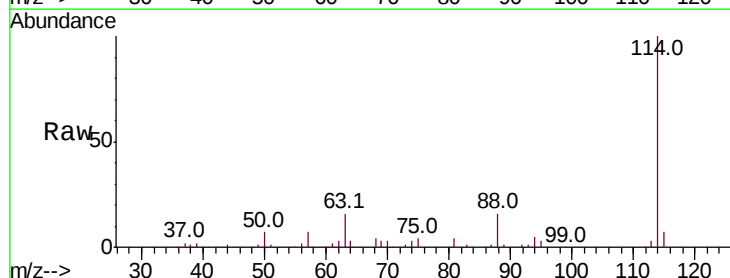
Instrument :
 MSVOA_D
 ClientSampleId :
 TP5-B

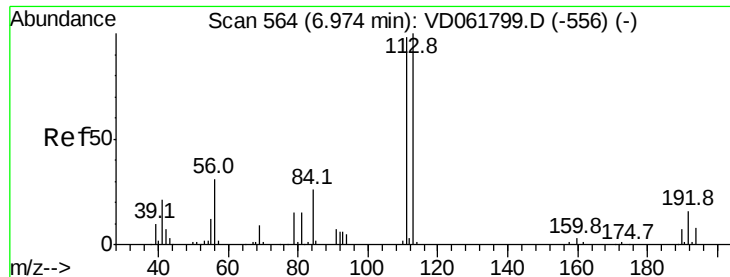
Tot Ion: 65 Resp: 134680
 Ion Ratio Lower Upper
 65 100
 67 45.7 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: VD061879.D
 Acq: 18 Apr 2019 17:32

Tgt Ion: 114 Resp: 306374
 Ion Ratio Lower Upper
 114 100
 63 16.3 0.0 32.4
 88 15.8 0.0 33.6





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.01 min

Lab File: VD061879.D

Acq: 18 Apr 2019 17:32

Instrument :

MSVOA_D

ClientSampleId :

TP5-B

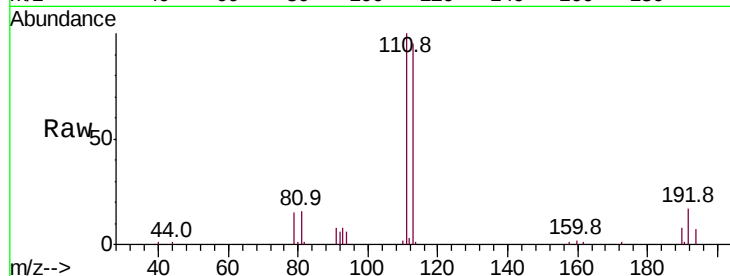
Tot Ion:113 Resp: 152222

Ion Ratio Lower Upper

113 100

111 104.9 78.5 117.7

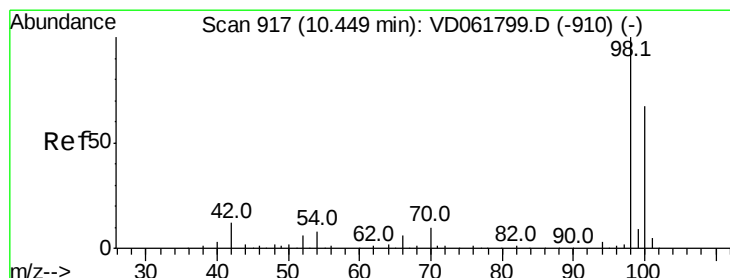
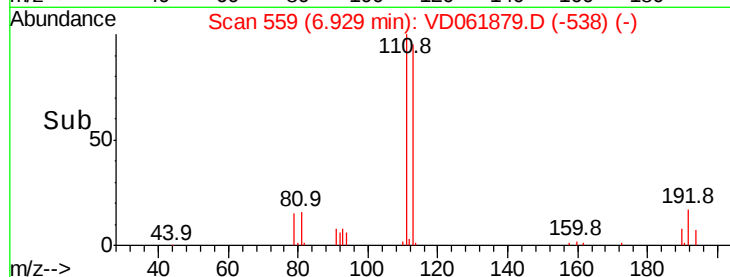
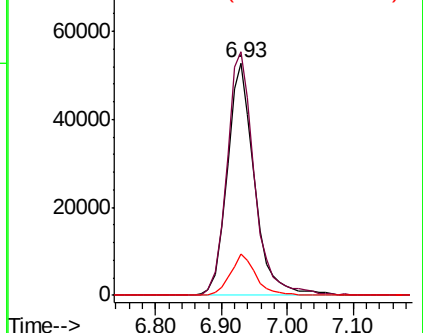
192 18.0 13.0 19.4



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. 0.01 min

Lab File: VD061879.D

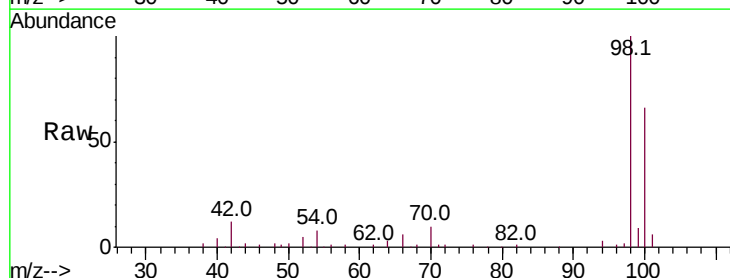
Acq: 18 Apr 2019 17:32

Tgt Ion: 98 Resp: 331574

Ion Ratio Lower Upper

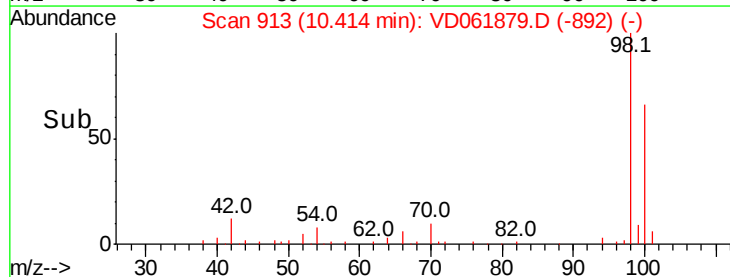
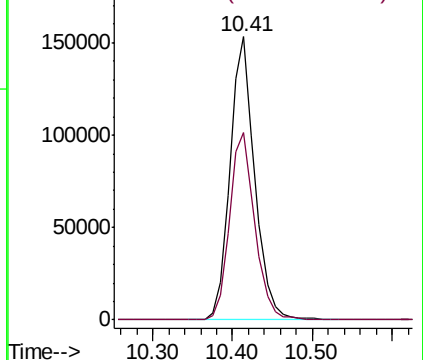
98 100

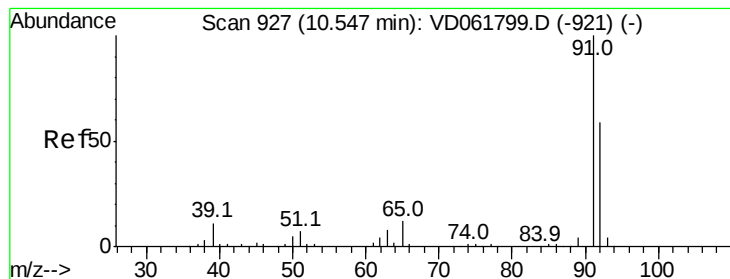
100 66.2 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#52

Toluene

Concen: 2.235 ug/l

RT: 10.51 min Scan# 923

Delta R.T. 0.01 min

Lab File: VD061879.D

Acq: 18 Apr 2019 17:32

Instrument :

MSVOA_D

ClientSampleId :

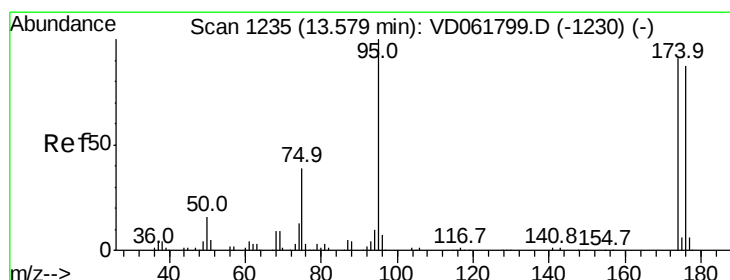
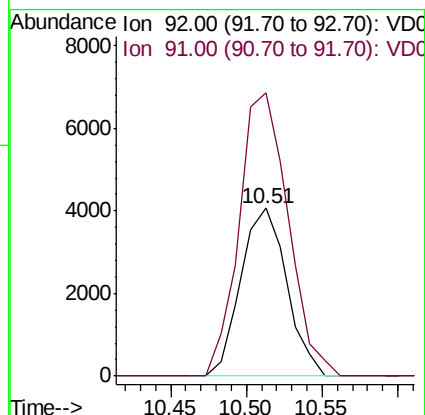
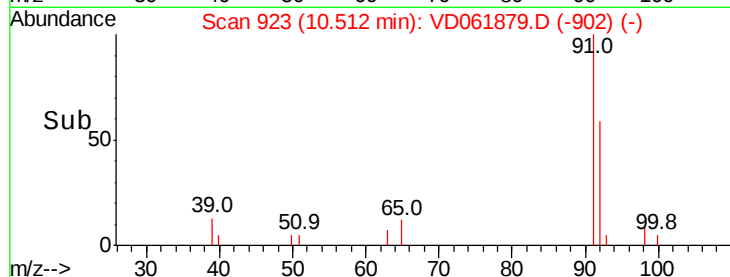
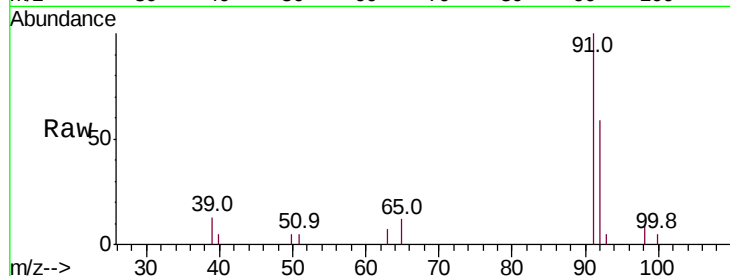
TP5-B

Tot Ion: 92 Resp: 8609

Ion Ratio Lower Upper

92 100

91 168.7 136.6 204.8



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD061879.D

Acq: 18 Apr 2019 17:32

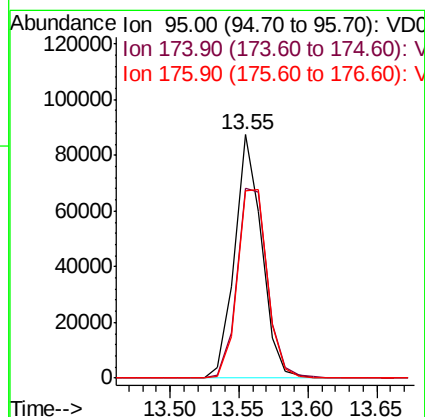
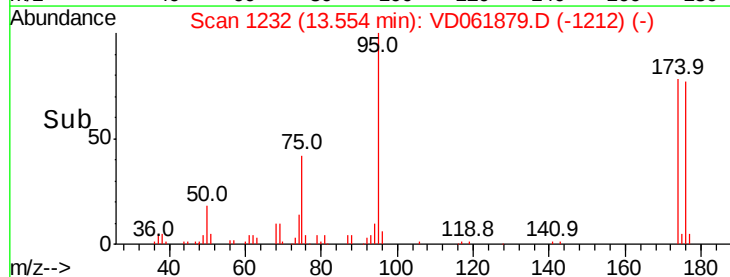
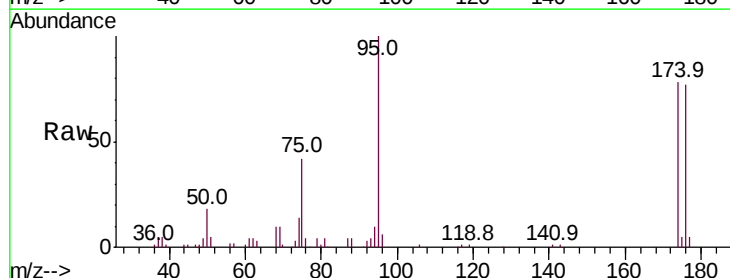
Tgt Ion: 95 Resp: 119395

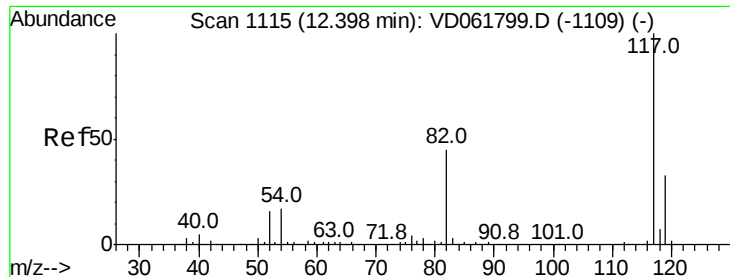
Ion Ratio Lower Upper

95 100

174 78.2 0.0 181.8

176 76.9 0.0 174.4

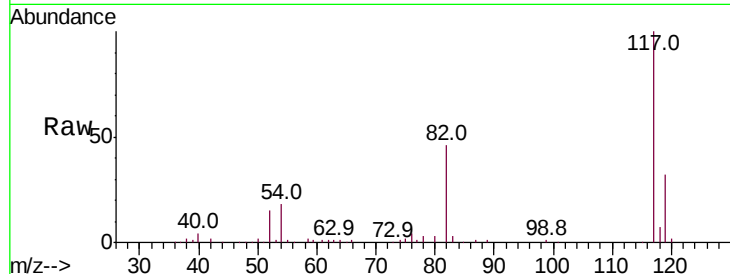




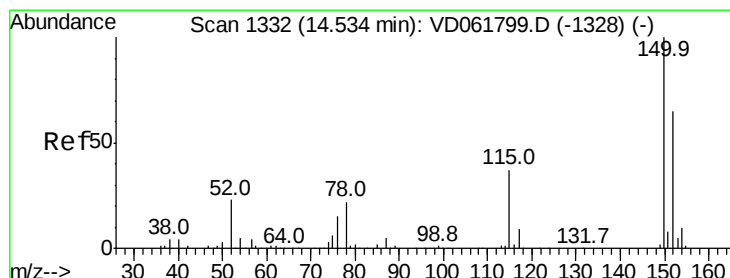
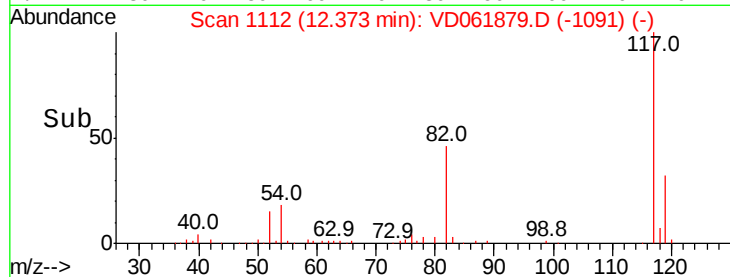
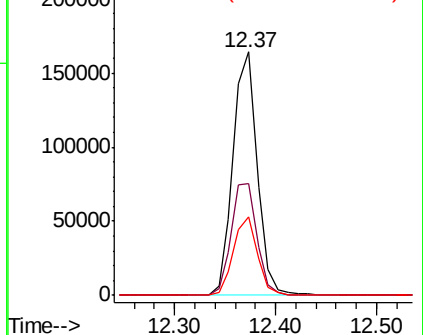
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061879.D
Acq: 18 Apr 2019 17:32

Instrument :
MSVOA_D
ClientSampled :
TP5-B

Tot Ion:117 Resp: 273547
Ion Ratio Lower Upper
117 100
82 46.1 36.2 54.2
119 32.1 26.2 39.4

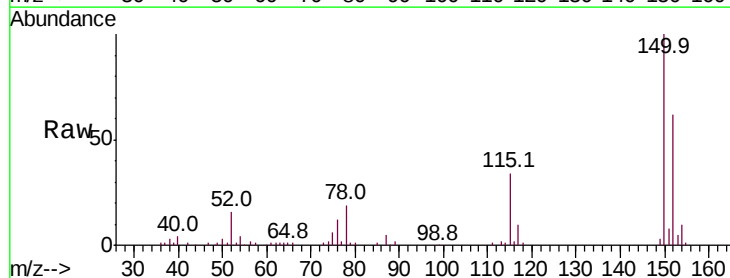


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD061879.D
Acq: 18 Apr 2019 17:32

Tgt Ion:152 Resp: 104165
Ion Ratio Lower Upper
152 100
115 54.6 30.9 92.7
150 161.5 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

