

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041919\
 Data File : VD061909.D
 Acq On : 19 Apr 2019 14:45
 Operator : VA/AP
 Sample : K2422-07
 Misc : 6.21g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP1-D

Quant Time: Apr 19 16:19:50 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

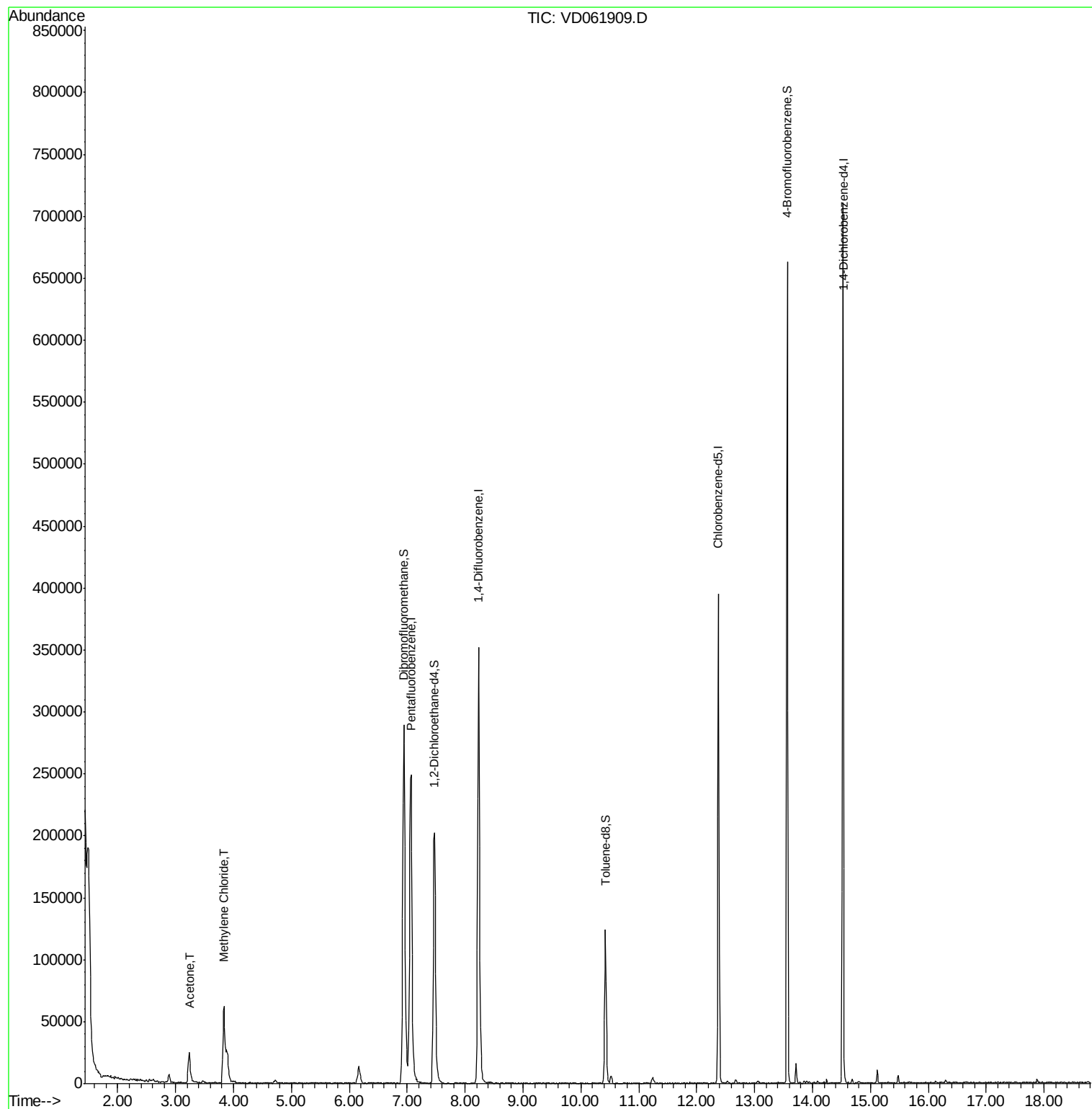
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	264357	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.23	114	414129	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	249652	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	192832	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	204238	92.18	ug/l	0.01
Spiked Amount 50.000			Recovery	=	184.36%	
35) Dibromofluoromethane	6.94	113	275180	87.95	ug/l	0.01
Spiked Amount 50.000			Recovery	=	175.90%	
50) Toluene-d8	10.42	98	102445	13.82	ug/l	0.01
Spiked Amount 50.000			Recovery	=	27.64%	
62) 4-Bromofluorobenzene	13.56	95	200755	66.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	133.62%	
Target Compounds						
16) Acetone	3.24	43	49806	91.211	ug/l	94
20) Methylene Chloride	3.84	84	44199	12.879	ug/l #	95

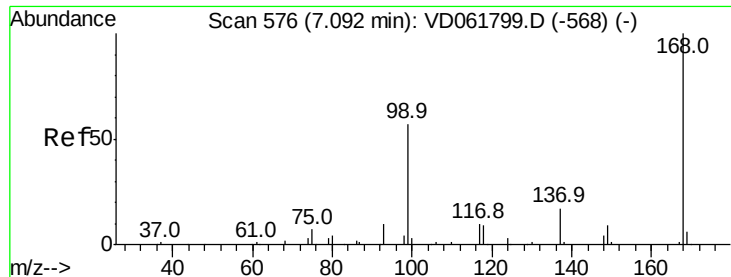
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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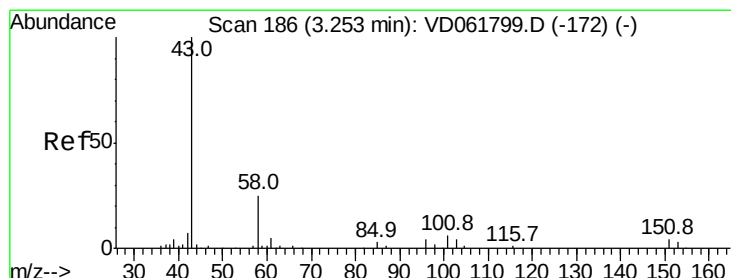
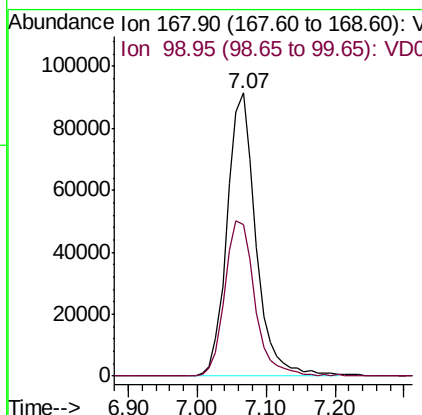
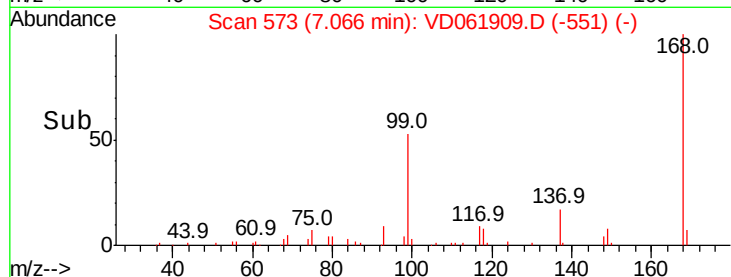
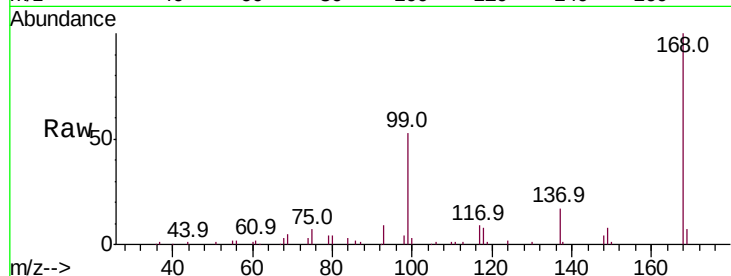




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.07 min Scan# 573
Delta R.T. 0.01 min
Lab File: VD061909.D
Acq: 19 Apr 2019 14:45

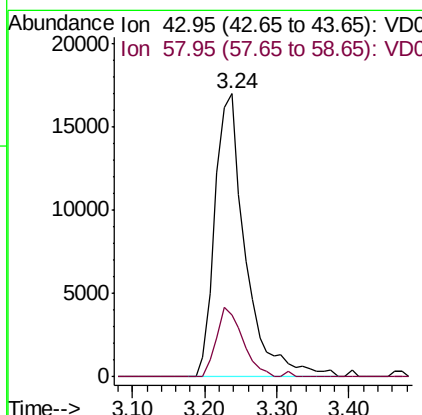
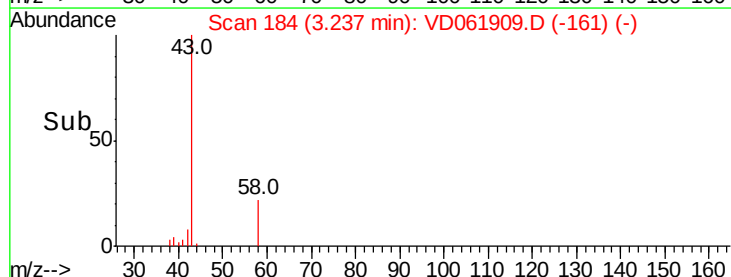
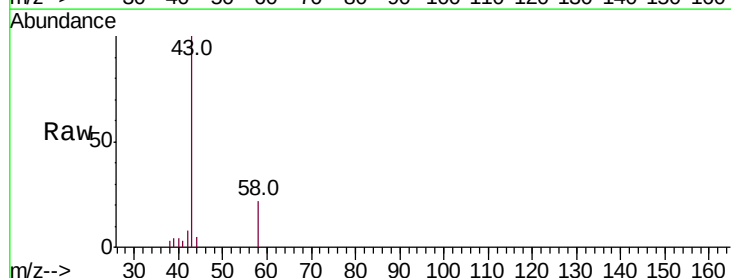
Instrument :
MSVOA_D
ClientSampleId :
TP1-D

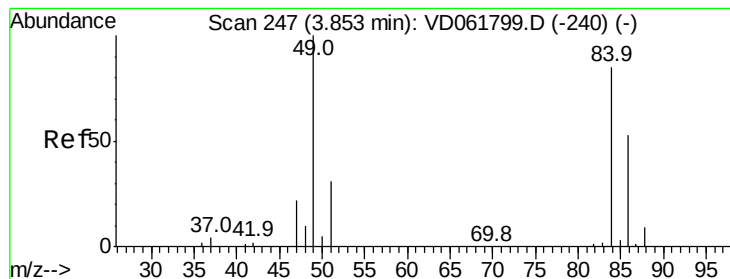
Tot Ion:168 Resp: 264357
Ion Ratio Lower Upper
168 100
99 53.5 46.5 69.7



#16
Acetone
Concen: 91.211 ug/l
RT: 3.24 min Scan# 184
Delta R.T. 0.02 min
Lab File: VD061909.D
Acq: 19 Apr 2019 14:45

Tgt Ion: 43 Resp: 49806
Ion Ratio Lower Upper
43 100
58 22.1 19.9 29.9





#20

Methvlene Chloride

Concen: 12.879 ug/l

RT: 3.84 min Scan# 245

Delta R.T. 0.02 min

Lab File: VD061909.D

Acq: 19 Apr 2019 14:45

Instrument :

MSVOA_D

ClientSampleId :

TP1-D

Tot Ion: 84 Resp: 44199

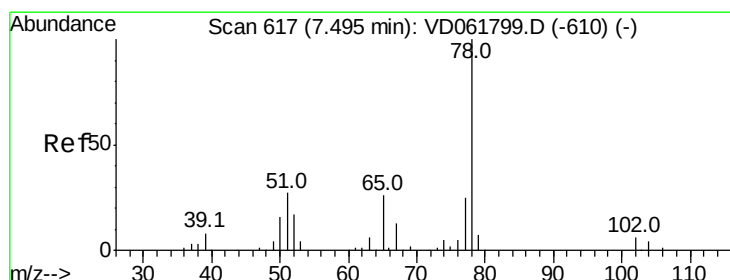
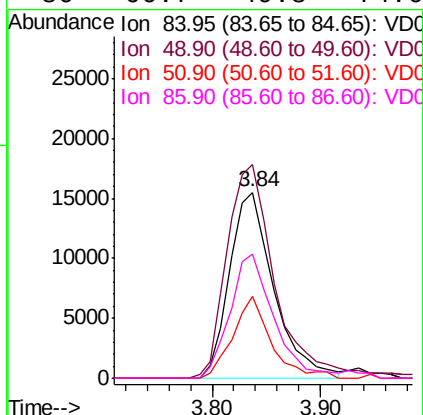
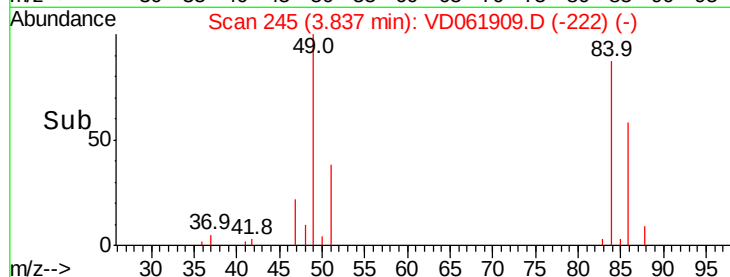
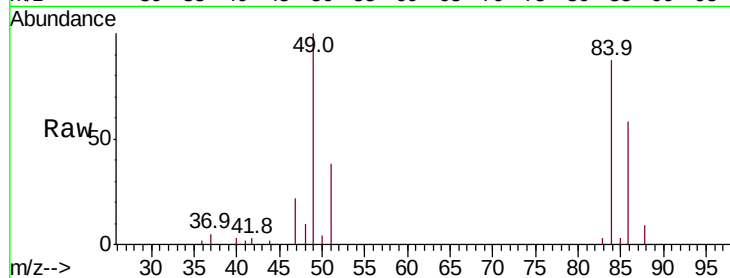
Ion Ratio Lower Upper

84 100

49 114.9 94.0 141.0

51 43.8 29.0 43.4#

86 66.7 49.8 74.6



#33

1,2-Dichloroethane-d4

Concen: 92.183 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.01 min

Lab File: VD061909.D

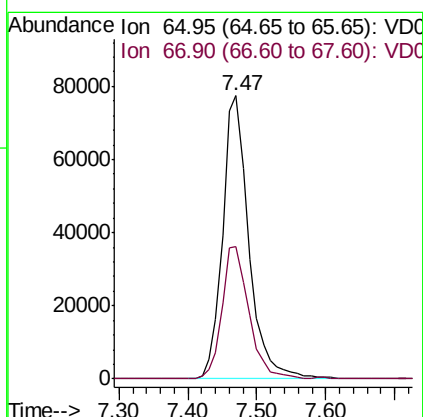
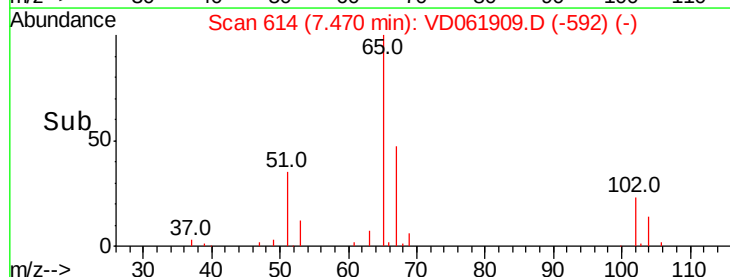
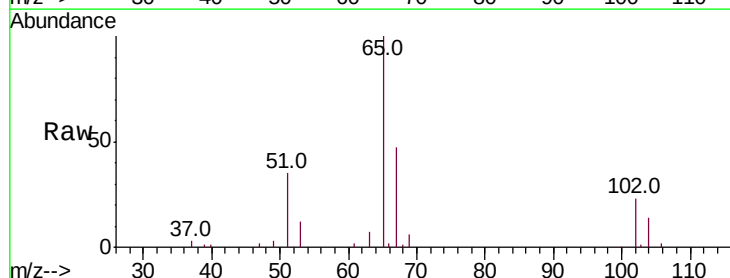
Acq: 19 Apr 2019 14:45

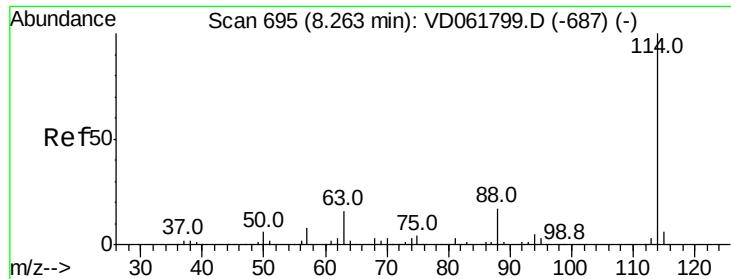
Tgt Ion: 65 Resp: 204238

Ion Ratio Lower Upper

65 100

67 46.6 0.0 98.0

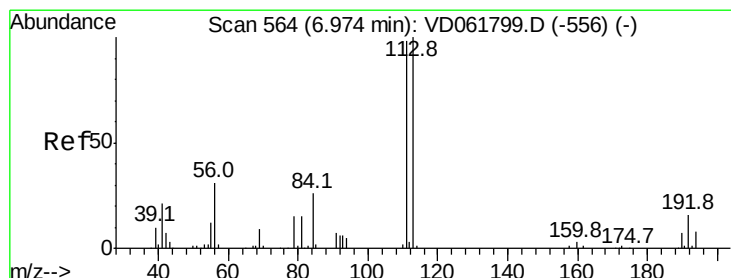
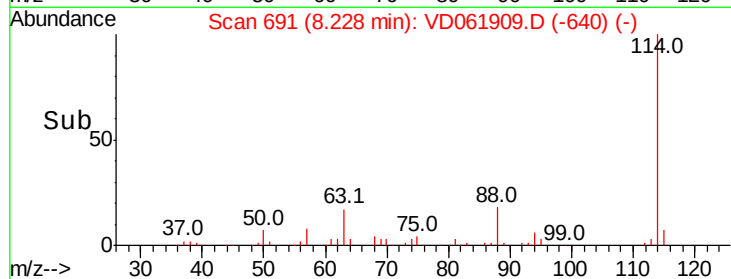
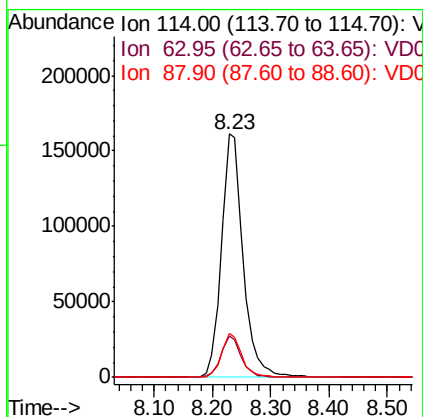
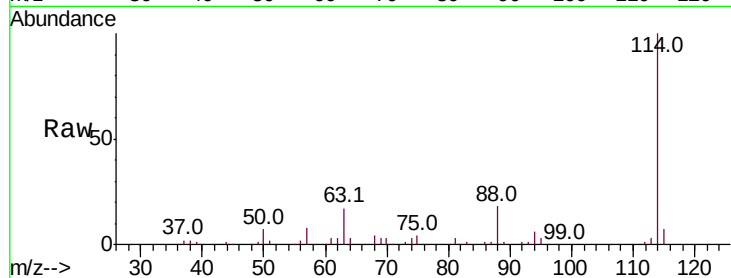




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD061909.D
 Acq: 19 Apr 2019 14:45

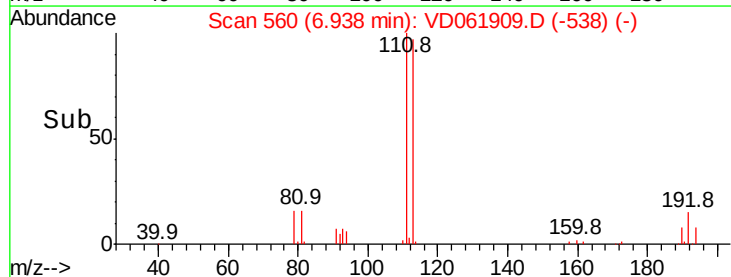
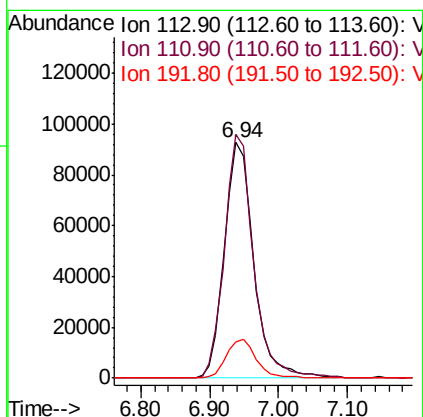
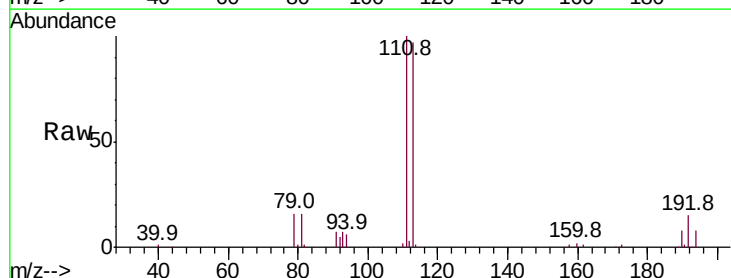
Instrument :
 MSVOA_D
 ClientSampleId :
 TP1-D

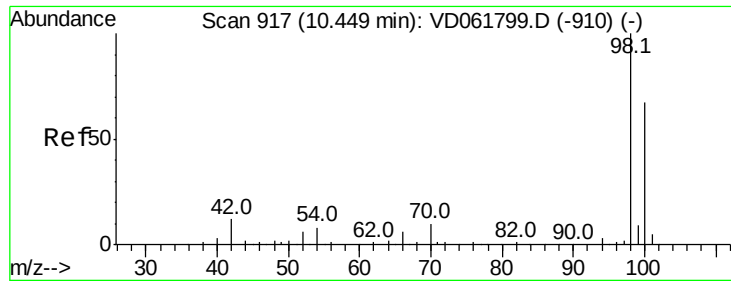
Tot Ion:114 Resp: 414129
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 32.4
 88 18.2 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 87.952 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.01 min
 Lab File: VD061909.D
 Acq: 19 Apr 2019 14:45

Tgt Ion:113 Resp: 275180
 Ion Ratio Lower Upper
 113 100
 111 103.3 78.5 117.7
 192 15.6 13.0 19.4

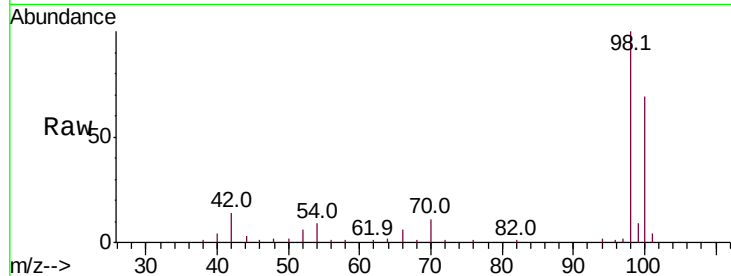




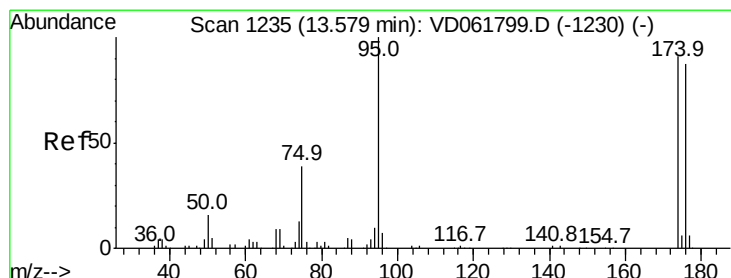
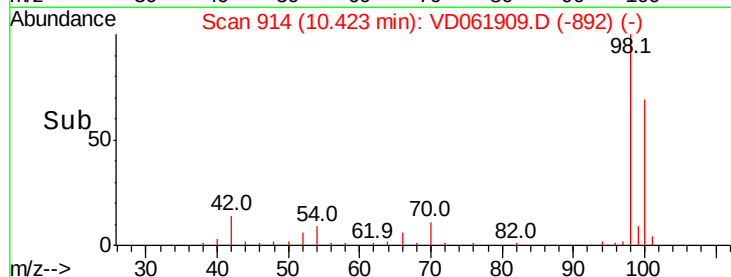
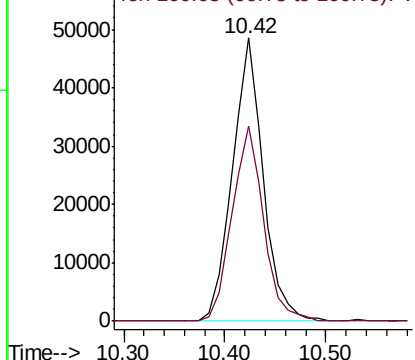
#50
Toluene-d8
Concen: 13.819 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.01 min
Lab File: VD061909.D
Acq: 19 Apr 2019 14:45

Instrument :
MSVOA_D
ClientSampled :
TP1-D

Tot Ion: 98 Resp: 102445
Ion Ratio Lower Upper
98 100
100 69.0 53.8 80.8

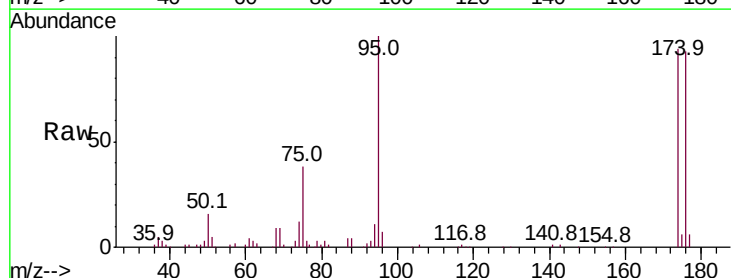


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

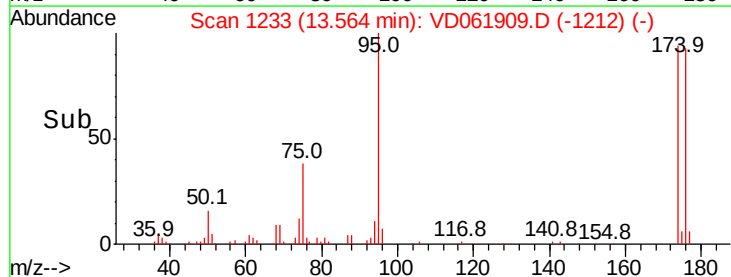
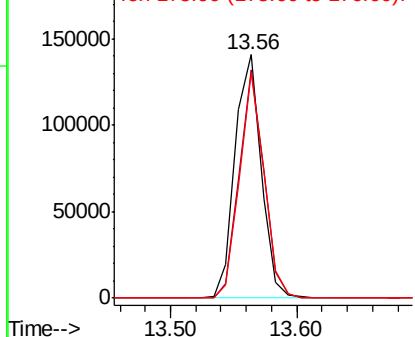


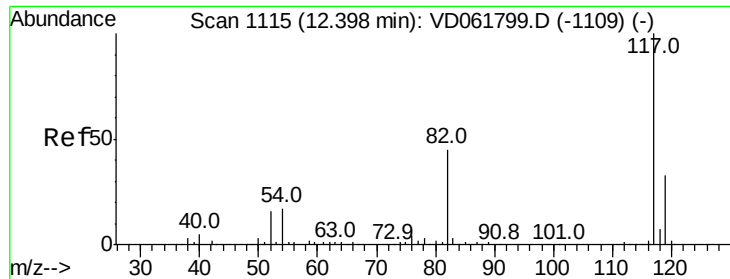
#62
4-Bromofluorobenzene
Concen: 66.813 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.01 min
Lab File: VD061909.D
Acq: 19 Apr 2019 14:45

Tgt Ion: 95 Resp: 200755
Ion Ratio Lower Upper
95 100
174 93.8 0.0 181.8
176 92.7 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

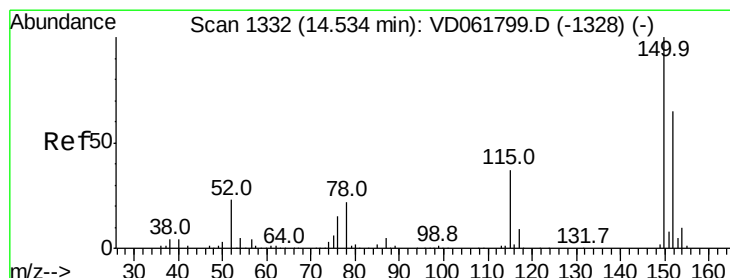
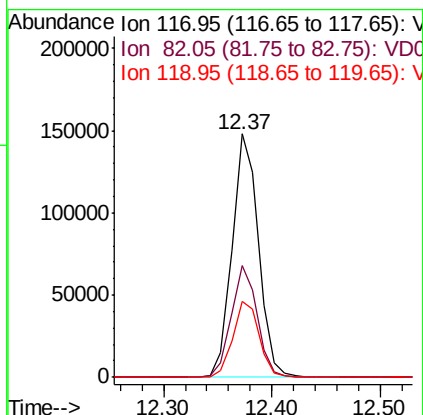
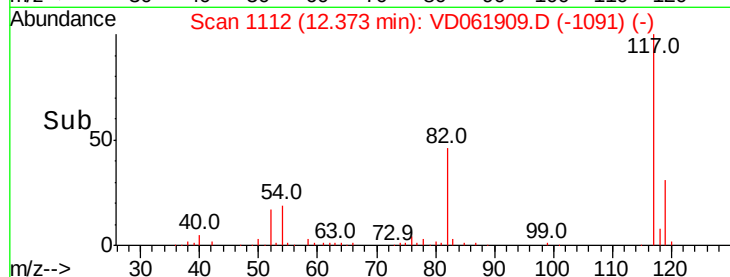
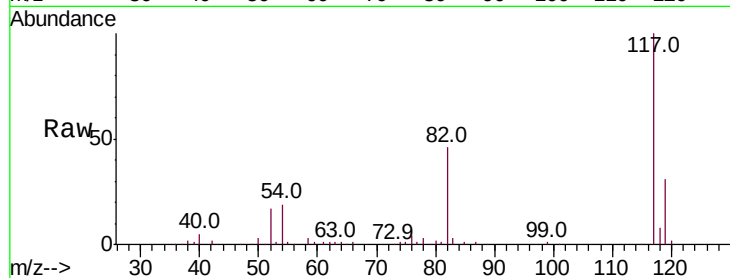




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061909.D
Acq: 19 Apr 2019 14:45

Instrument :
MSVOA_D
ClientSampleId :
TP1-D

Tot Ion:117 Resp: 249652
Ion Ratio Lower Upper
117 100
82 45.8 36.2 54.2
119 31.1 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD061909.D
Acq: 19 Apr 2019 14:45

Tgt Ion:152 Resp: 192832
Ion Ratio Lower Upper
152 100
115 49.2 30.9 92.7
150 150.7 0.0 314.8

