

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031419\
 Data File : VD061076.D
 Acq On : 14 Mar 2019 20:31
 Operator : VA/AP
 Sample : K1908-03
 Misc : 5.84g/5ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 101-102

Quant Time: Mar 15 03:52:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

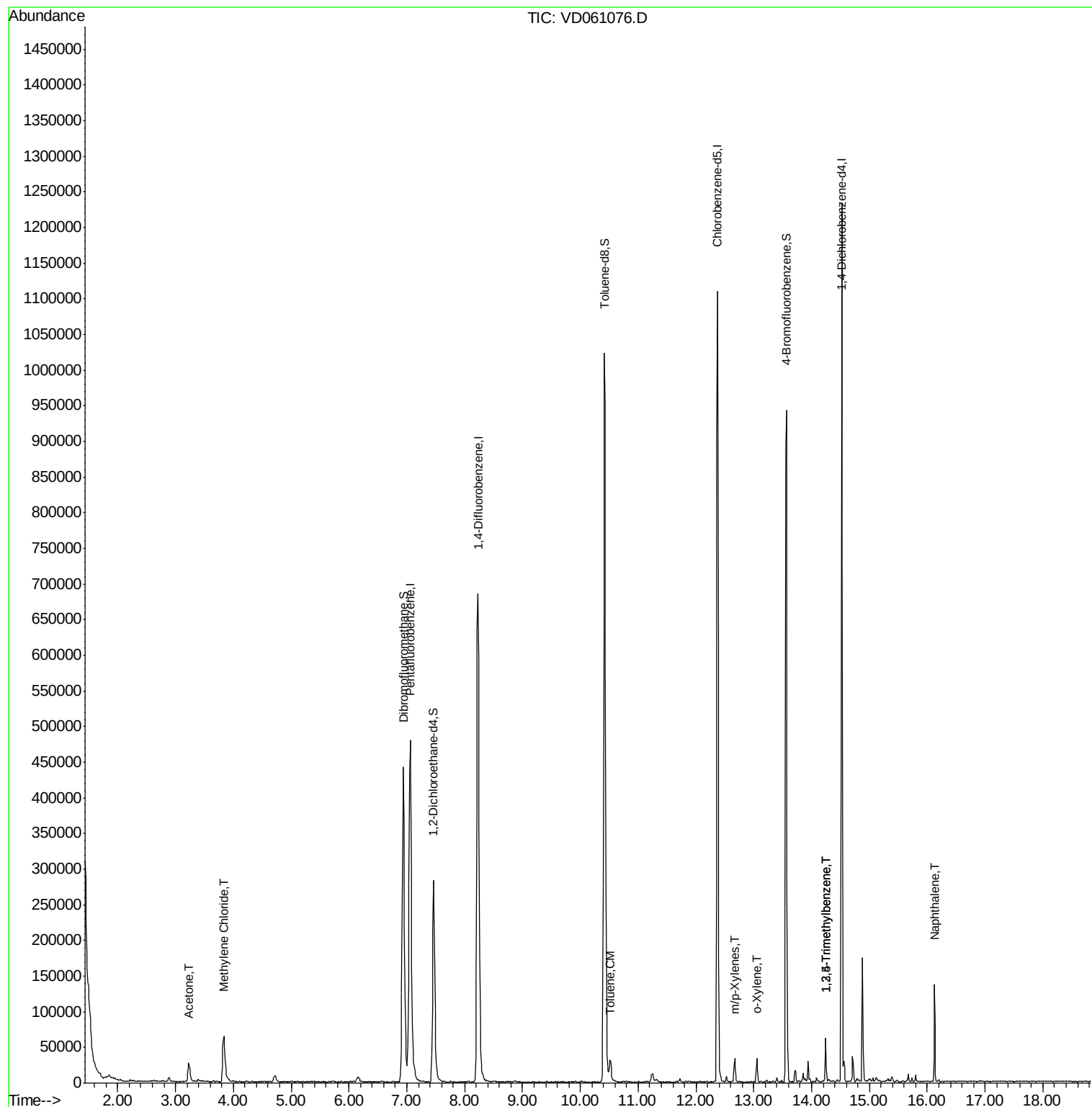
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	522103	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.23	114	925632	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	714701	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	274710	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	270815	62.32	ug/l	0.01
Spiked Amount 50.000			Recovery	=	124.64%	
35) Dibromofluoromethane	6.94	113	420908	61.27	ug/l	0.01
Spiked Amount 50.000			Recovery	=	122.54%	
50) Toluene-d8	10.41	98	918135	53.22	ug/l	0.01
Spiked Amount 50.000			Recovery	=	106.44%	
62) 4-Bromofluorobenzene	13.55	95	323774	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.74%	
Target Compounds						
16) Acetone	3.23	43	52655	42.370	ug/l	97
20) Methylene Chloride	3.84	84	50749	4.734	ug/l	93
52) Toluene	10.52	92	17852	1.440	ug/l	98
68) m/p-Xylenes	12.67	106	12095	1.477	ug/l	86
69) o-Xylene	13.05	106	9505	1.181	ug/l	87
80) 1,3,5-Trimethylbenzene	14.24	105	30585	2.035	ug/l	99
84) 1,2,4-Trimethylbenzene	14.24	105	30585	2.035	ug/l	99
95) Naphthalene	16.12	128	84793	15.988	ug/l	98

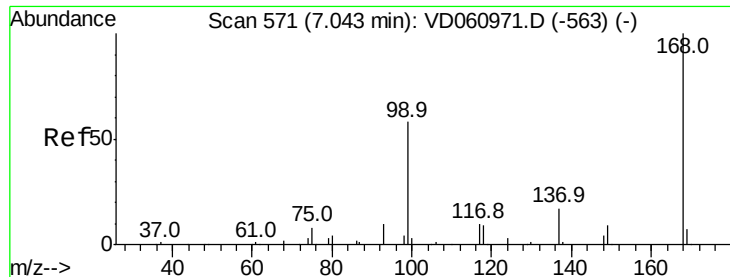
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD031419\
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Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration

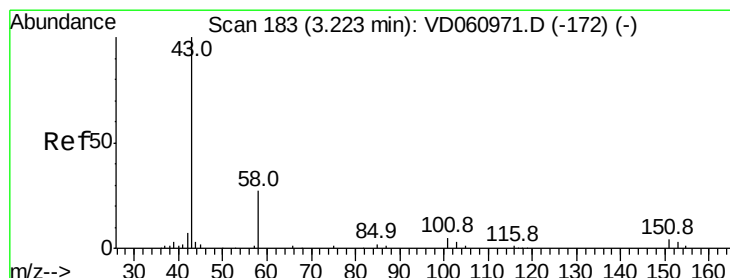
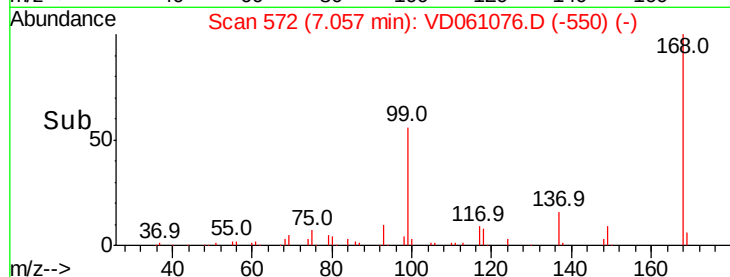
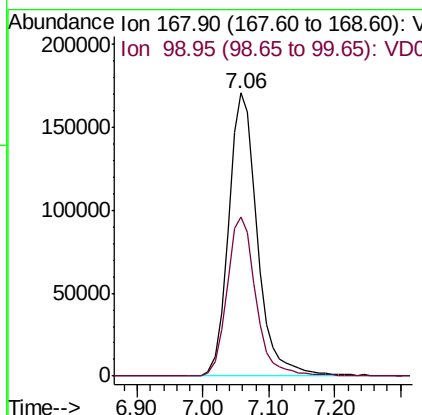
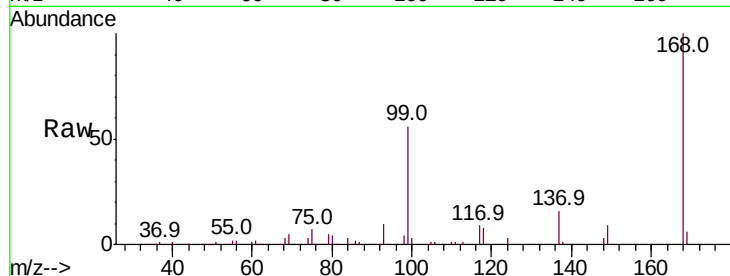




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.06 min Scan# 572
Delta R.T. 0.01 min
Lab File: VD061076.D
Acq: 14 Mar 2019 20:31

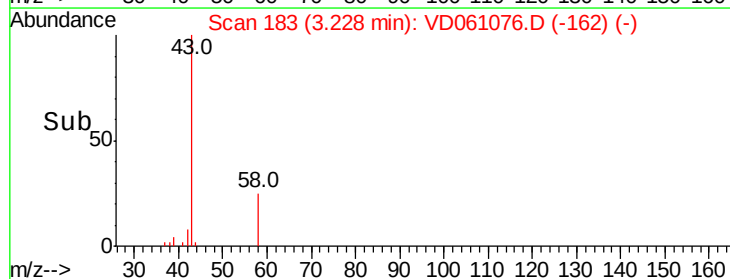
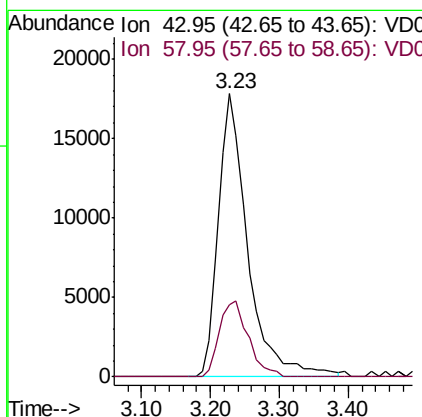
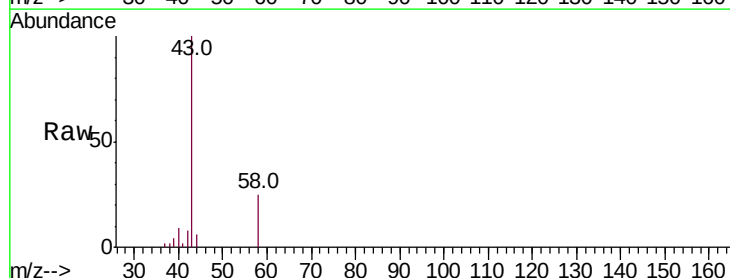
Instrument :
MSVOA_D
ClientSampleId :
101-102

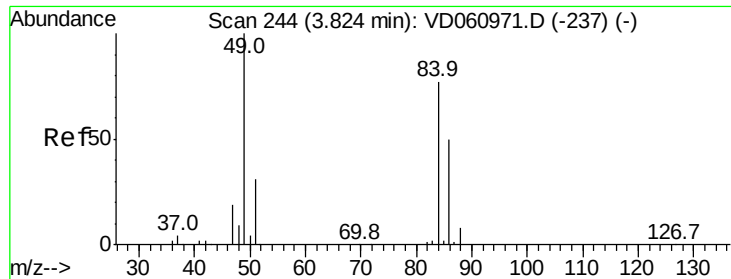
Tot Ion:168 Resp: 522103
Ion Ratio Lower Upper
168 100
99 56.2 47.3 70.9



#16
Acetone
Concen: 42.370 ug/l
RT: 3.23 min Scan# 183
Delta R.T. 0.00 min
Lab File: VD061076.D
Acq: 14 Mar 2019 20:31

Tgt Ion: 43 Resp: 52655
Ion Ratio Lower Upper
43 100
58 25.4 21.6 32.4

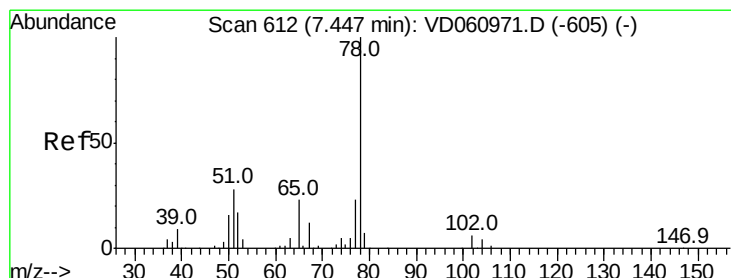
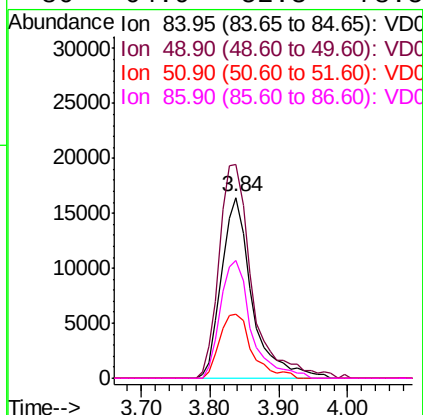
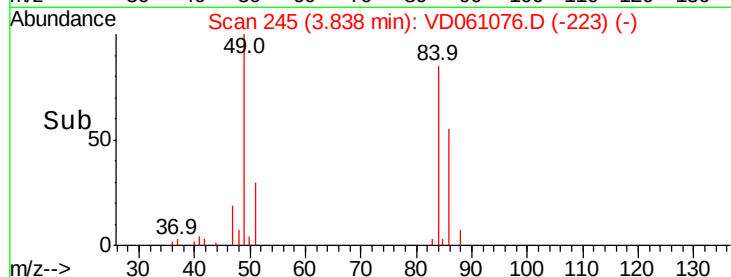
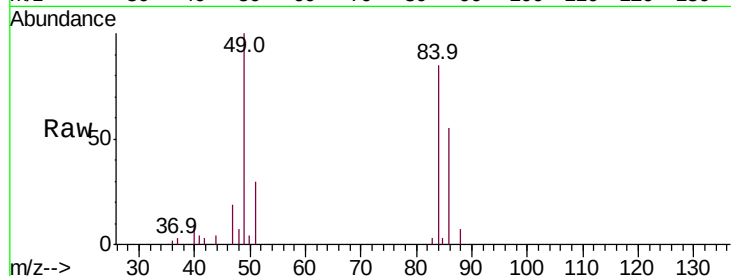




#20
Methylene Chloride
Concen: 4.734 ug/l
RT: 3.84 min Scan# 245
Delta R.T. 0.02 min
Lab File: VD061076.D
Acq: 14 Mar 2019 20:31

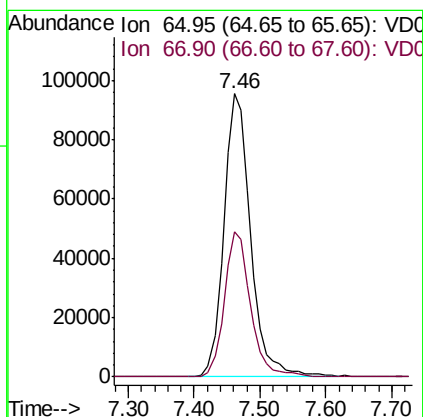
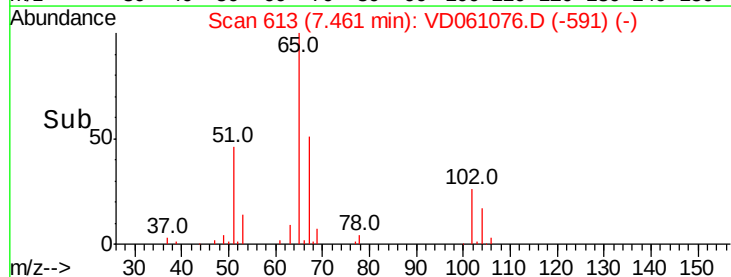
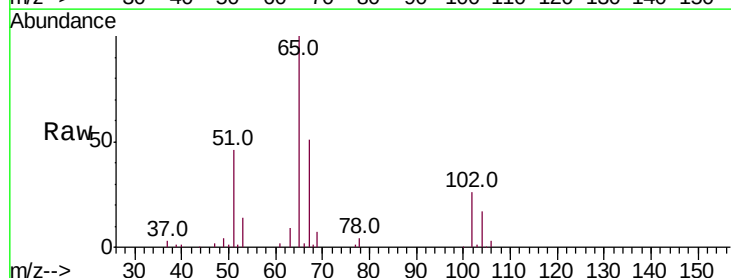
Instrument :
MSVOA_D
ClientSampleId :
101-102

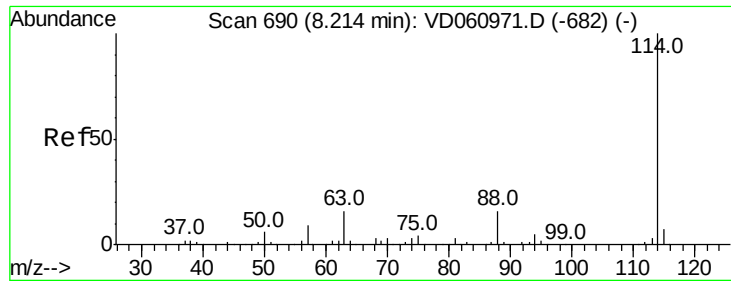
Tot Ion: 84 Resp: 50749
Ion Ratio Lower Upper
84 100
49 118.0 104.2 156.2
51 35.3 32.3 48.5
86 64.9 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.01 min
Lab File: VD061076.D
Acq: 14 Mar 2019 20:31

Tgt Ion: 65 Resp: 270815
Ion Ratio Lower Upper
65 100
67 51.3 0.0 105.2

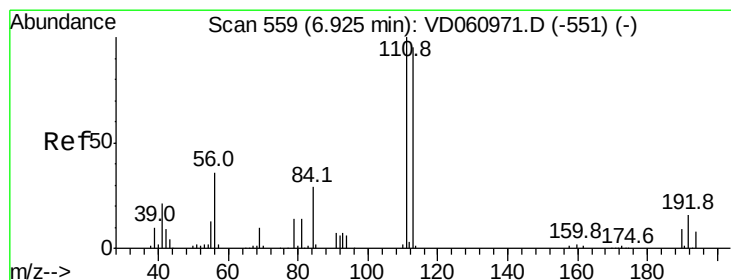
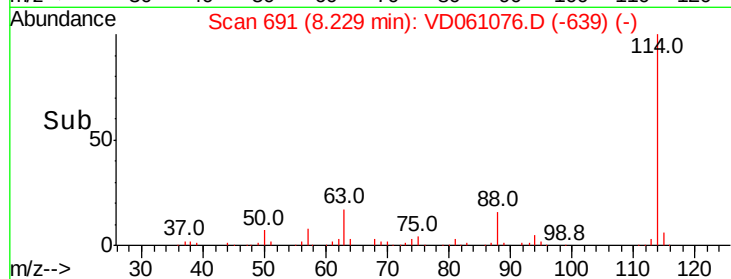
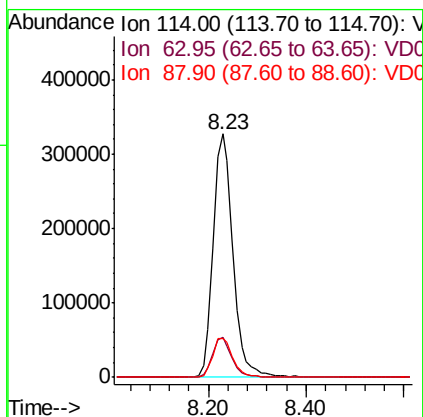
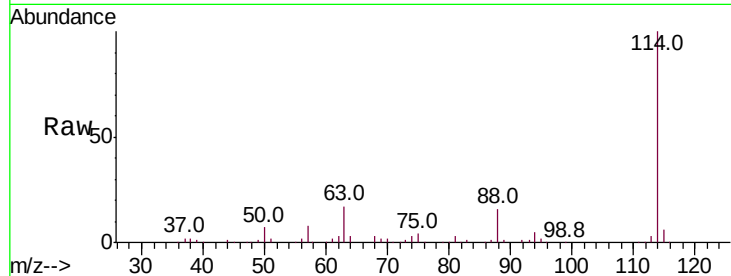




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD061076.D
 Acq: 14 Mar 2019 20:31

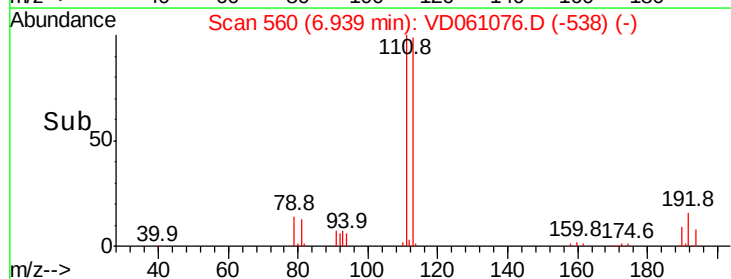
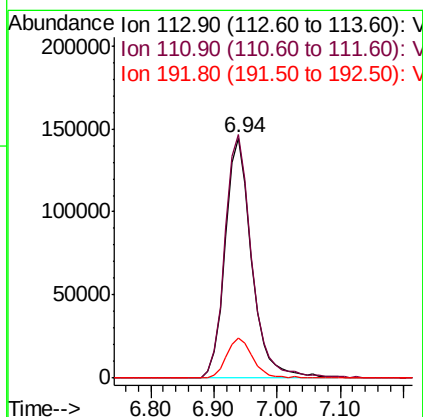
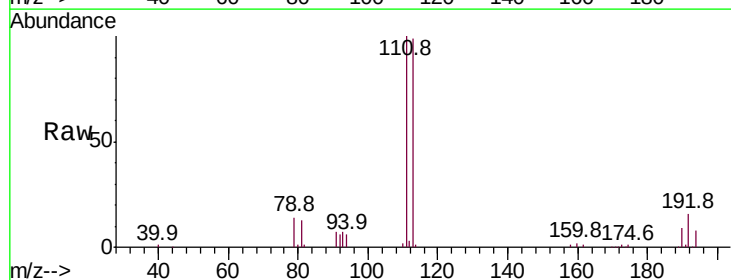
Instrument :
 MSVOA_D
 ClientSampleId :
 101-102

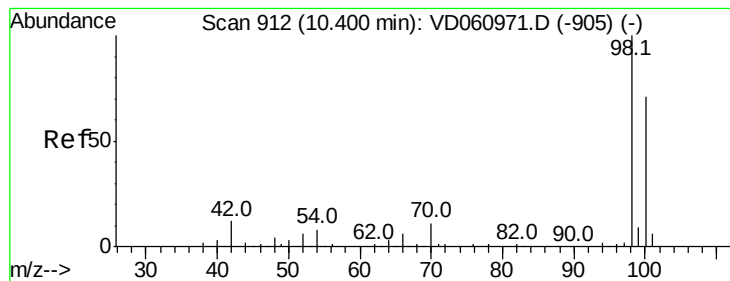
Tot Ion:114 Resp: 925632
 Ion Ratio Lower Upper
 114 100
 63 16.6 0.0 31.4
 88 16.1 0.0 33.0



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.01 min
 Lab File: VD061076.D
 Acq: 14 Mar 2019 20:31

Tgt Ion:113 Resp: 420908
 Ion Ratio Lower Upper
 113 100
 111 101.5 84.2 126.4
 192 16.5 13.1 19.7





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD061076.D

Acq: 14 Mar 2019 20:31

Instrument :

MSVOA_D

ClientSampleId :

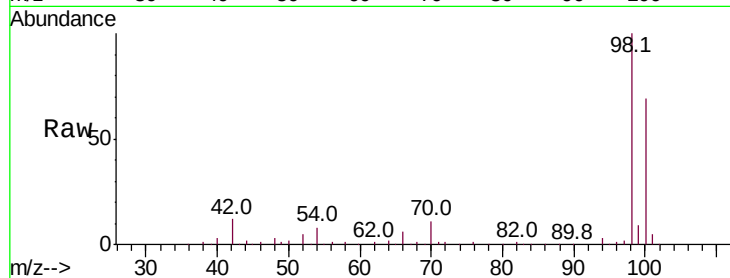
101-102

Tot Ion: 98 Resp: 918135

Ion Ratio Lower Upper

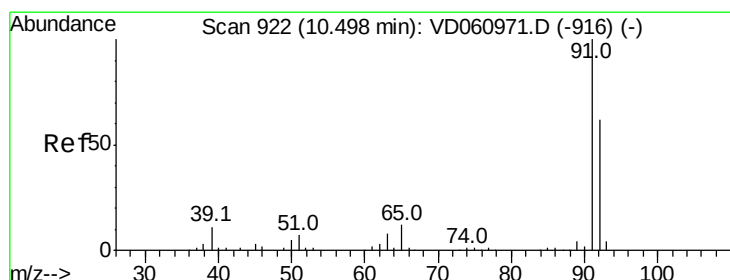
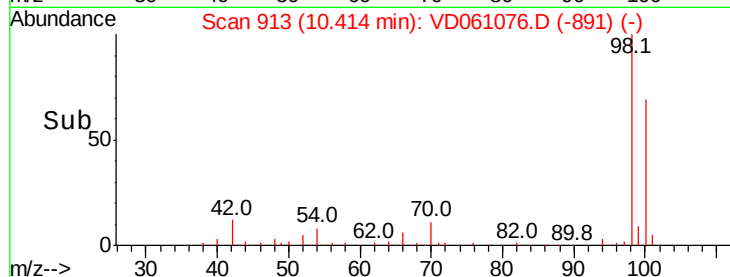
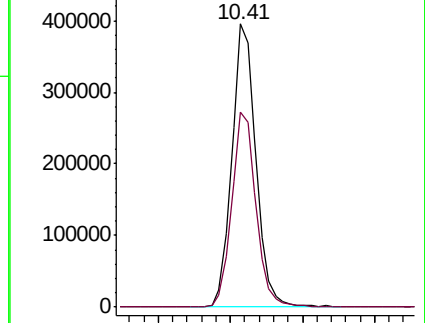
98 100

100 69.0 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#52

Toluene

Concen: 1.440 ug/l

RT: 10.52 min Scan# 924

Delta R.T. 0.02 min

Lab File: VD061076.D

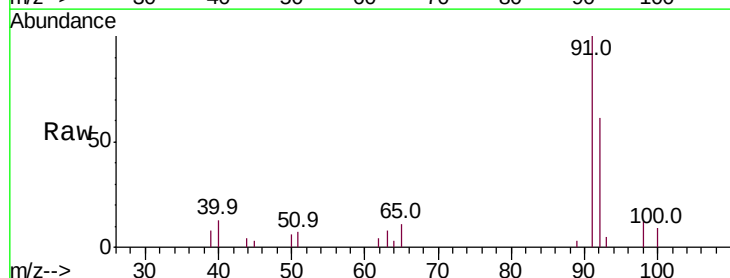
Acq: 14 Mar 2019 20:31

Tgt Ion: 92 Resp: 17852

Ion Ratio Lower Upper

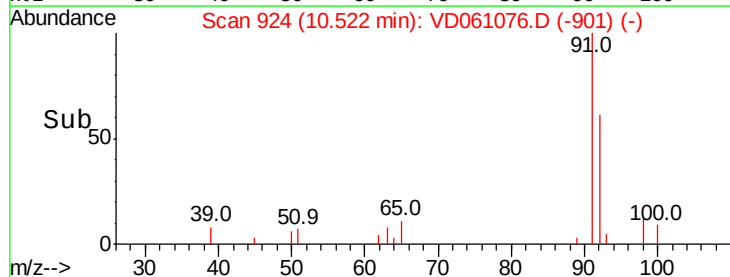
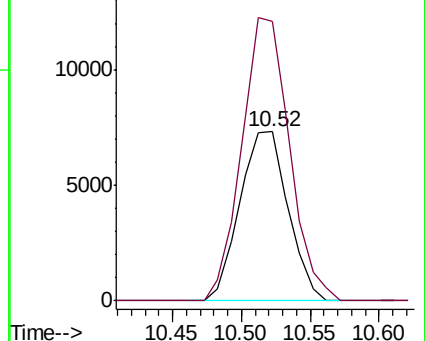
92 100

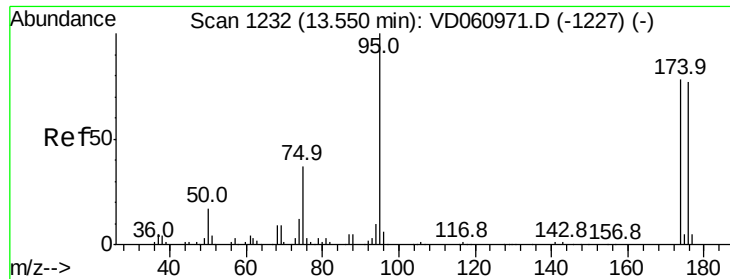
91 165.1 129.8 194.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD061076.D

Acq: 14 Mar 2019 20:31

Instrument :

MSVOA_D

ClientSampleId :

101-102

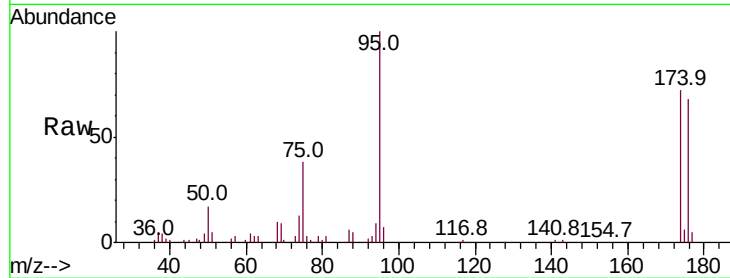
Tot Ion: 95 Resp: 323774

Ion Ratio Lower Upper

95 100

174 71.5 0.0 155.6

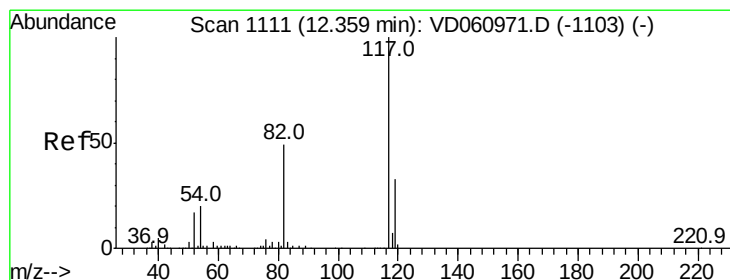
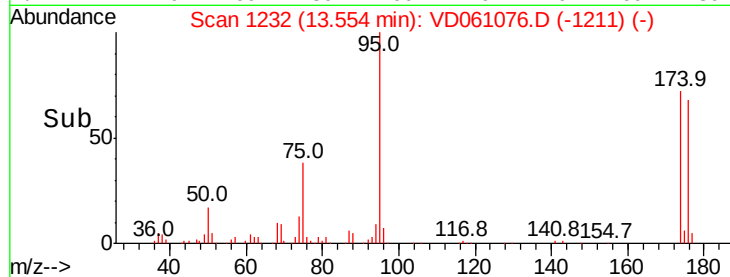
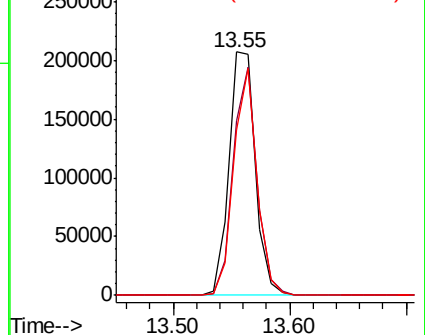
176 68.1 0.0 153.8



Abundance Ion 95.00 (94.70 to 95.70): V

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: VD061076.D

Acq: 14 Mar 2019 20:31

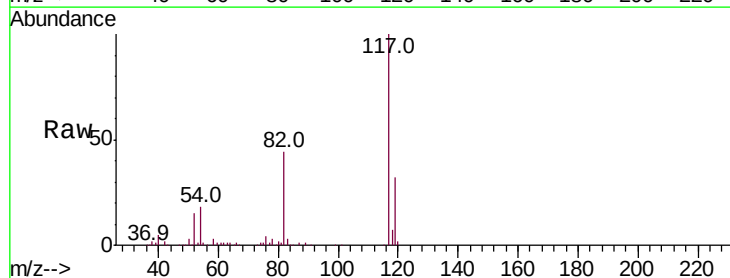
Tgt Ion: 117 Resp: 714701

Ion Ratio Lower Upper

117 100

82 44.4 38.9 58.3

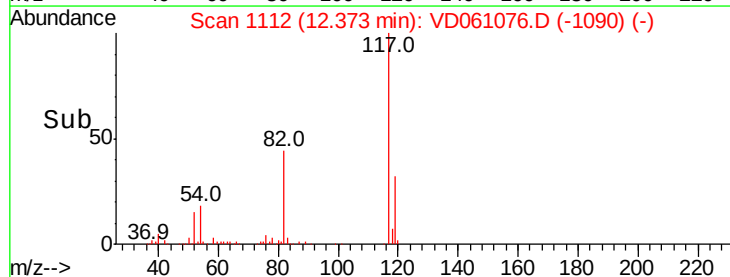
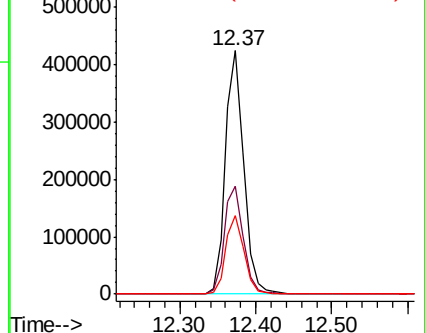
119 32.4 26.6 39.8

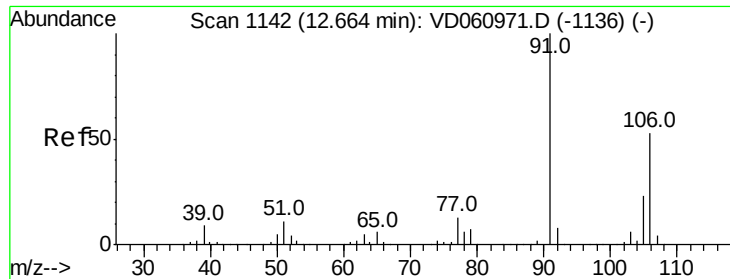


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

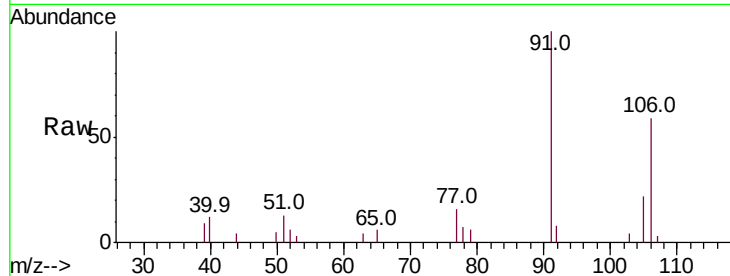




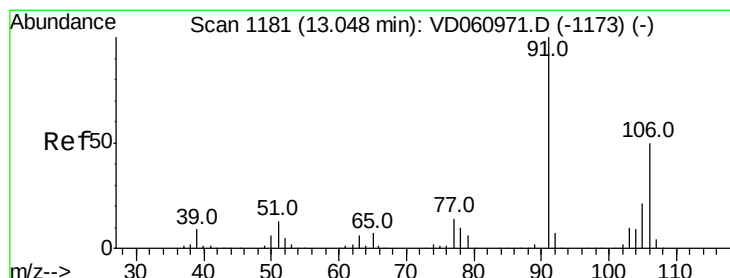
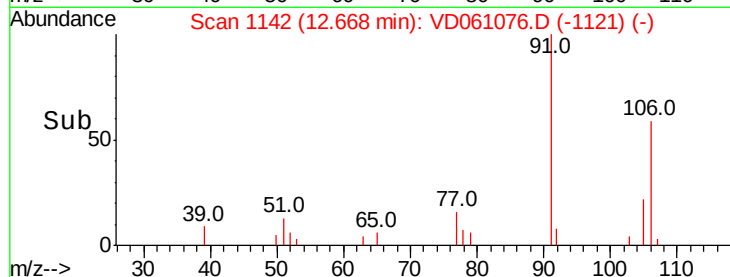
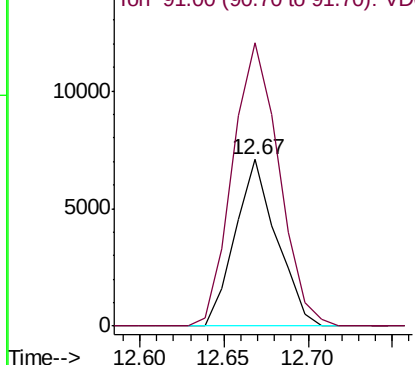
#68
m/p-Xylenes
Concen: 1.477 ug/l
RT: 12.67 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VD061076.D
Acq: 14 Mar 2019 20:31

Instrument :
MSVOA_D
ClientSampled :
101-102

Tot Ion:106 Resp: 12095
Ion Ratio Lower Upper
106 100
91 170.0 152.0 228.0

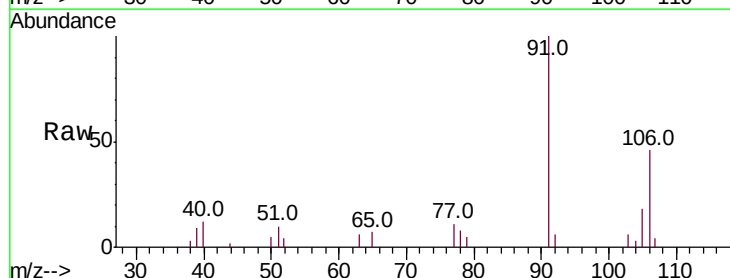


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

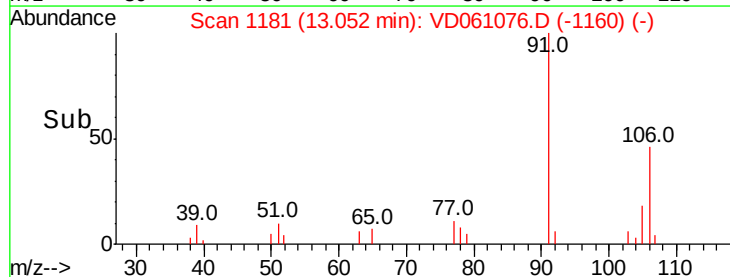
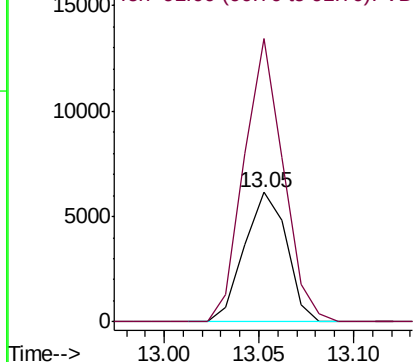


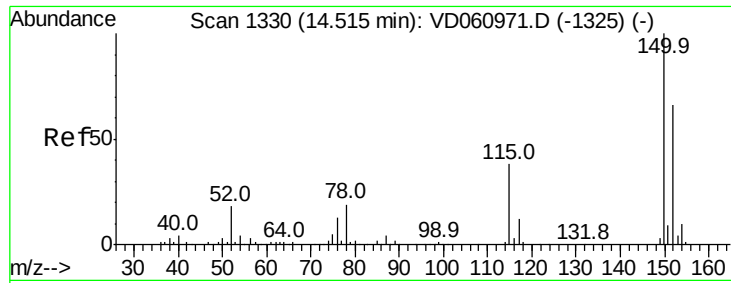
#69
o-Xylene
Concen: 1.181 ug/l
RT: 13.05 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VD061076.D
Acq: 14 Mar 2019 20:31

Tgt Ion:106 Resp: 9505
Ion Ratio Lower Upper
106 100
91 218.8 99.8 299.3



Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): VDC

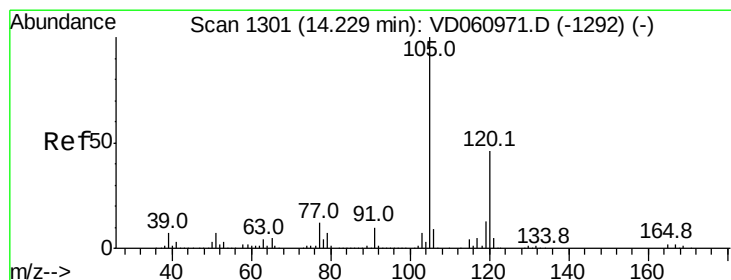
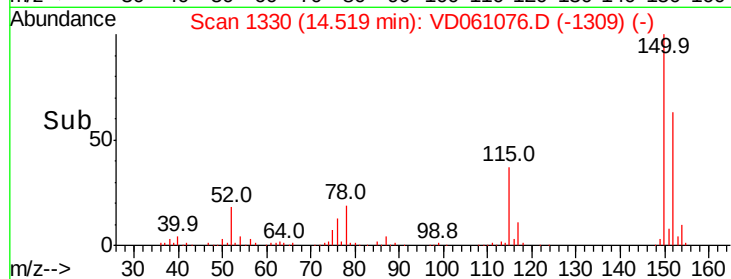
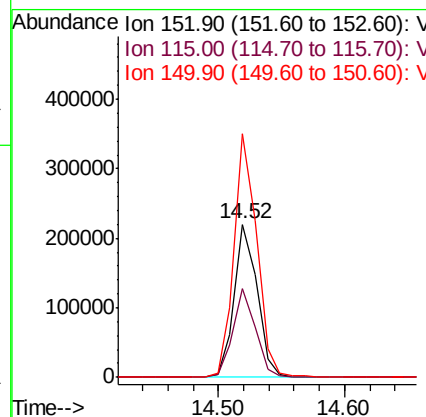
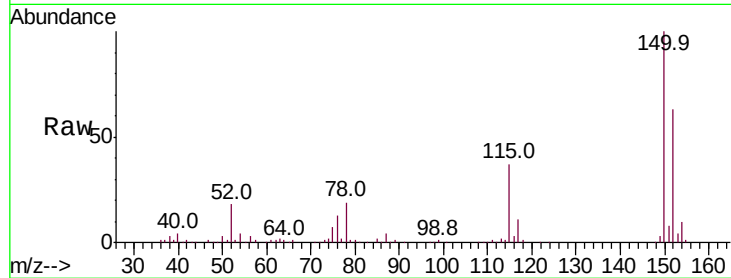




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VD061076.D
 Acq: 14 Mar 2019 20:31

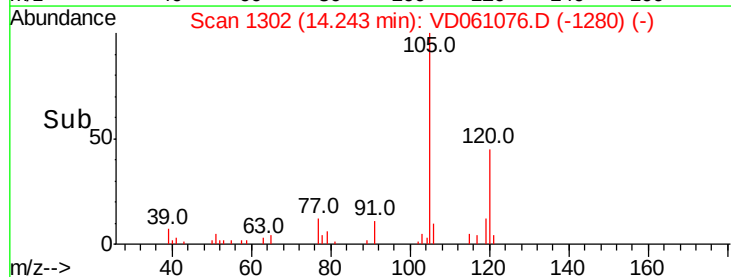
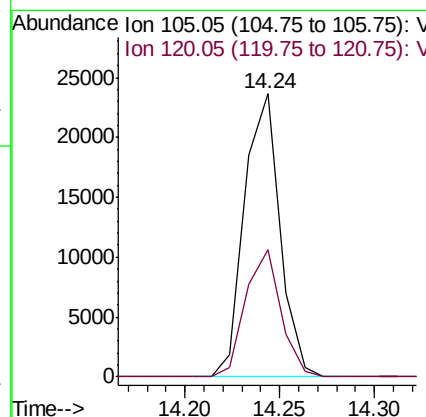
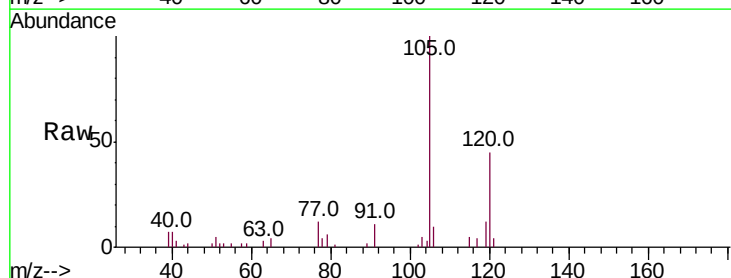
Instrument :
 MSVOA_D
 ClientSampleId :
 101-102

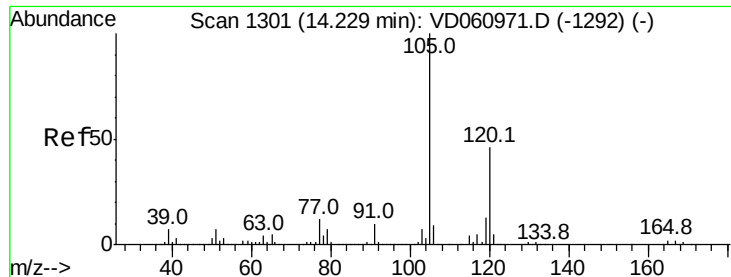
Tot Ion:152 Resp: 274710
 Ion Ratio Lower Upper
 152 100
 115 58.1 28.6 85.9
 150 158.7 0.0 310.6



#80
 1,3,5-Trimethylbenzene
 Concen: 2.035 ug/l
 RT: 14.24 min Scan# 1302
 Delta R.T. 0.01 min
 Lab File: VD061076.D
 Acq: 14 Mar 2019 20:31

Tgt Ion:105 Resp: 30585
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.9 68.5

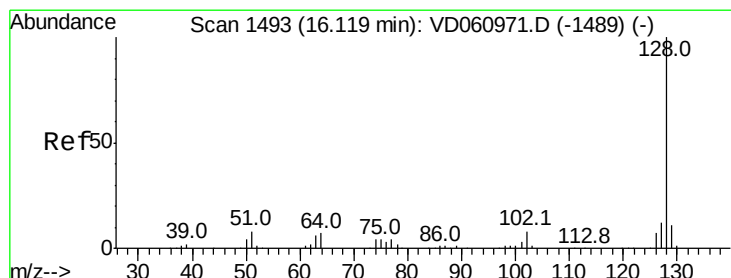
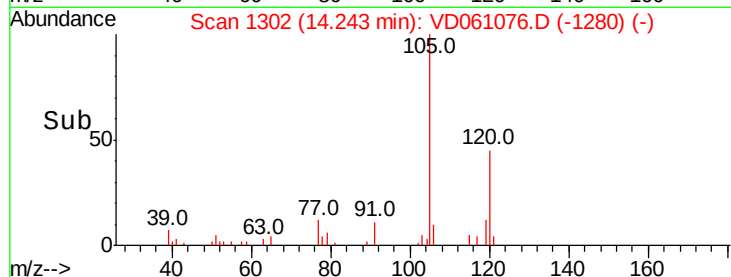
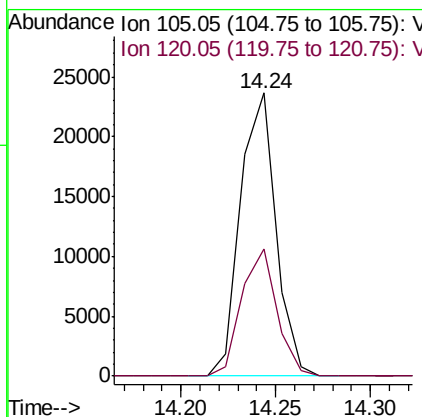
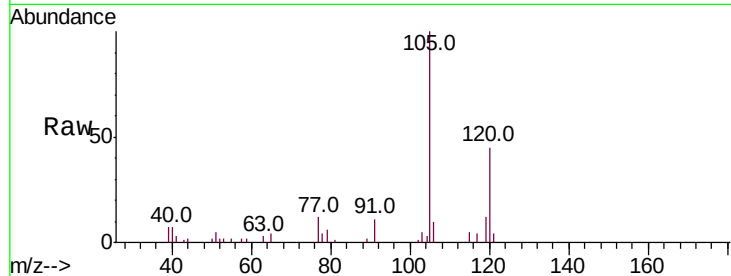




#84
 1,2,4-Trimethylbenzene
 Concen: 2.035 ug/l
 RT: 14.24 min Scan# 1302
 Delta R.T. 0.01 min
 Lab File: VD061076.D
 Acq: 14 Mar 2019 20:31

Instrument :
 MSVOA_D
 ClientSampled :
 101-102

Tot Ion:105 Resp: 30585
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.9 68.5



#95
 Naphthalene
 Concen: 15.988 ug/l
 RT: 16.12 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: VD061076.D
 Acq: 14 Mar 2019 20:31

Tgt Ion:128 Resp: 84793
 Ion Ratio Lower Upper
 128 100
 127 11.4 9.8 14.8
 129 10.3 8.5 12.7

