

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031219\
 Data File : VD061033.D
 Acq On : 12 Mar 2019 19:23
 Operator : VA/AP
 Sample : K1824-19
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P-4

Quant Time: Mar 13 04:09:56 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	7.05	168	183	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	183	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.36	117	1608	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	1327	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/l	
Spiked Amount						
			Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount						
			Recovery	=	0.00%	
50) Toluene-d8	10.39	98	760	222.84	ug/l	0.00
Spiked Amount						
			Recovery	=	445.68%	
62) 4-Bromofluorobenzene	13.55	95	1032	779.86	ug/l	0.00
Spiked Amount						
			Recovery	=	1559.72%	

Target Compounds

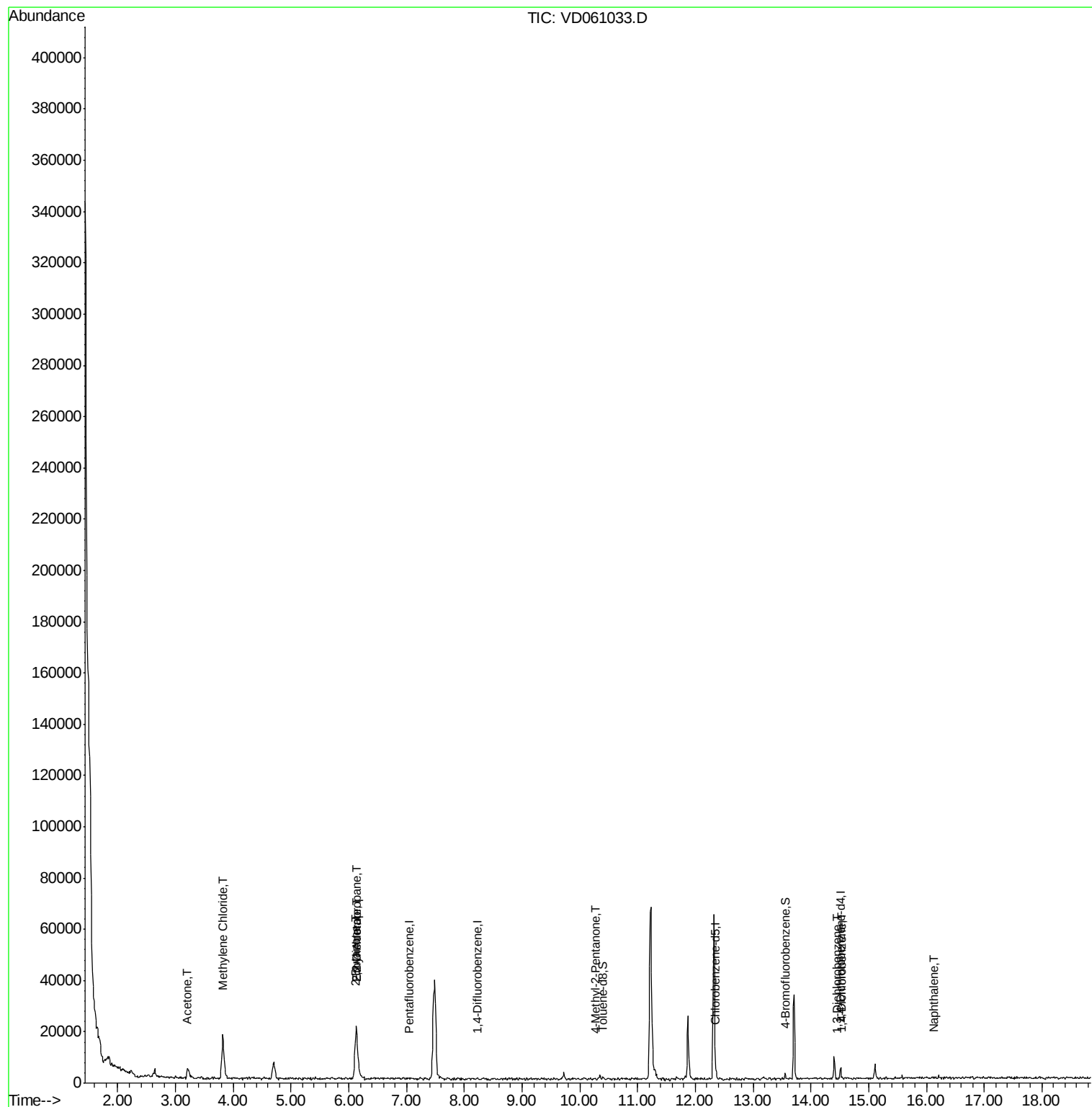
					Qvalue	
16) Acetone	3.21	43	8239	18914.533	ug/l	92
20) Methylene Chloride	3.82	84	12160	6747.168	ug/l	87
25) 2-Butanone	6.11	43	251	507.814	ug/l #	55
26) 2,2-Dichloropropane	6.12	77	1044	400.052	ug/l #	50
37) Ethyl Acetate	6.14	43	187	252.623	ug/l #	66
51) 4-Methyl-2-Pentanone	10.28	43	181	288.172	ug/l #	37
87) 1,3-Dichlorobenzene	14.45	146	194	4.450	ug/l #	25
88) 1,4-Dichlorobenzene	14.54	146	178	4.155	ug/l #	25
95) Naphthalene	16.12	128	231	9.017	ug/l #	70

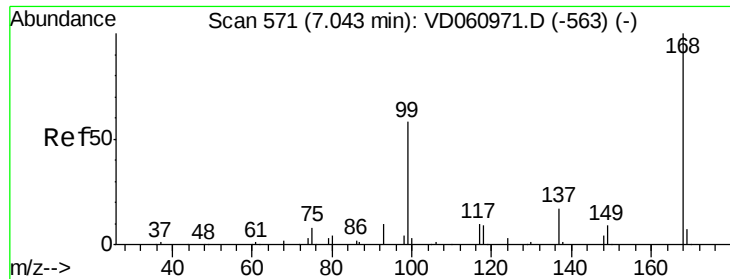
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD031219\
Data File : VD061033.D
Acq On : 12 Mar 2019 19:23
Operator : VA/AP
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Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P-4

Quant Time: Mar 13 04:09:56 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
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: 7.05 min Scan# 571

Delta R.T. 0.00 min

Lab File: VD061033.D

Acq: 12 Mar 2019 19:23

Instrument :

MSVOA_D

ClientSampleId :

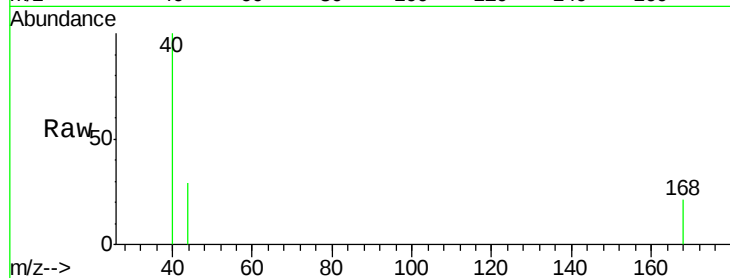
P-4

Tot Ion:168 Resp: 183

Ion Ratio Lower Upper

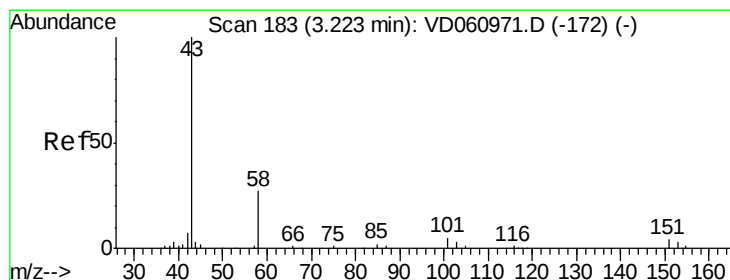
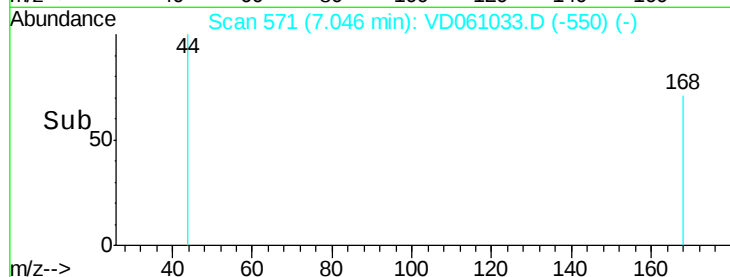
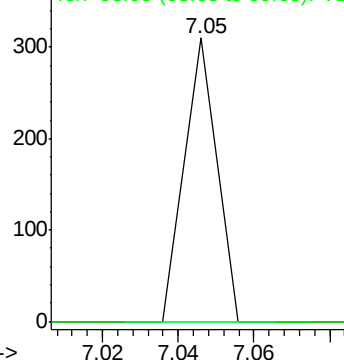
168 100

99 0.0 47.3 70.9#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 18914.533 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.02 min

Lab File: VD061033.D

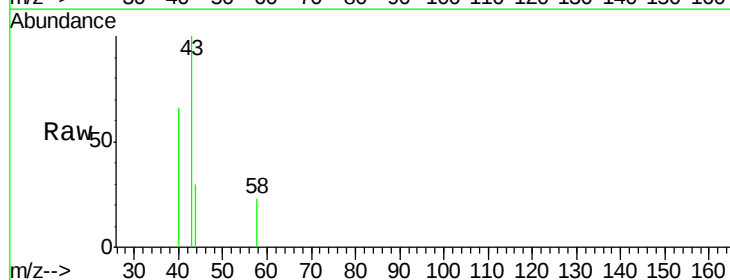
Acq: 12 Mar 2019 19:23

Tgt Ion: 43 Resp: 8239

Ion Ratio Lower Upper

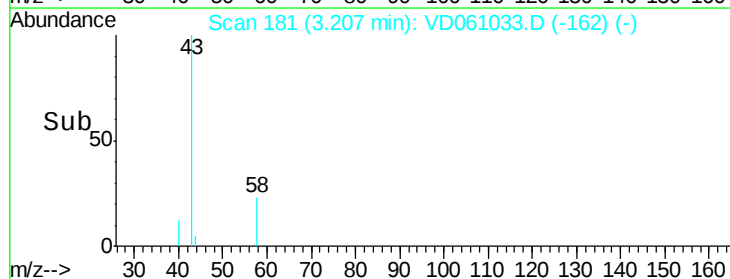
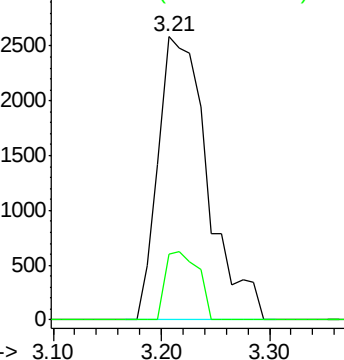
43 100

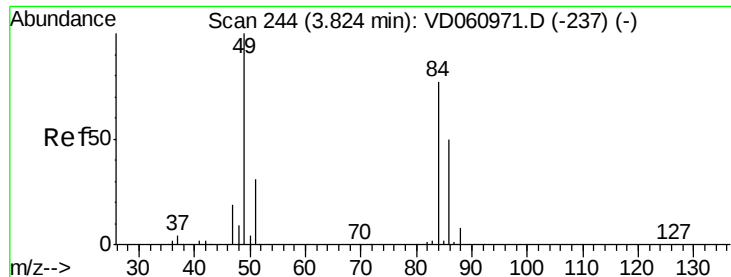
58 23.1 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

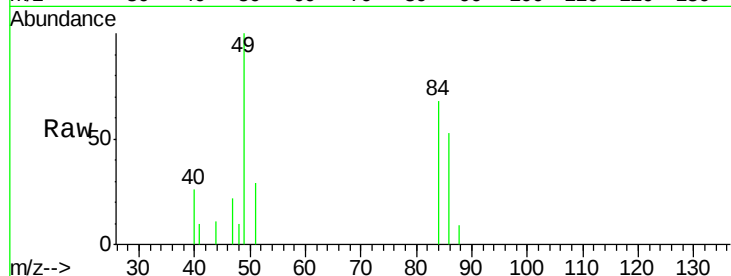




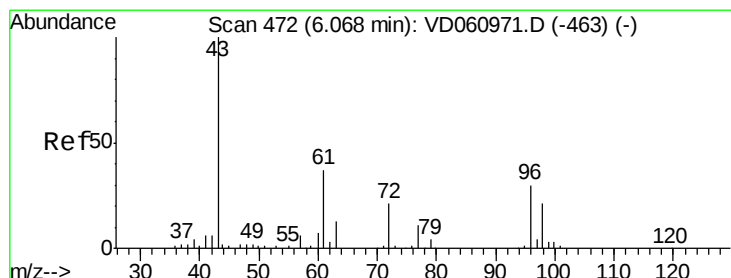
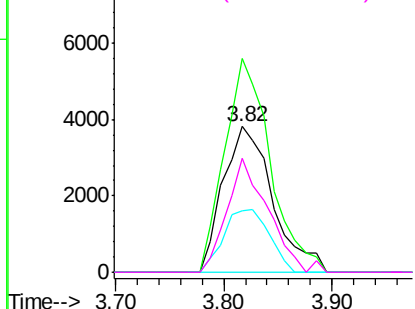
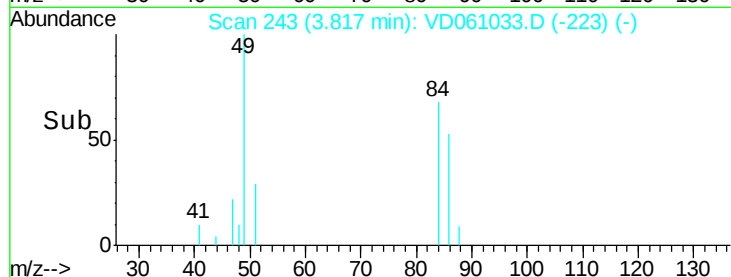
#20
Methylene Chloride
Concen: 6747.168 ug/l
RT: 3.82 min Scan# 243
Delta R.T. -0.01 min
Lab File: VD061033.D
Acq: 12 Mar 2019 19:23

Instrument :
MSVOA_D
ClientSampleId :
P-4

Tot Ion: 84 Resp: 12160
Ion Ratio Lower Upper
84 100
49 146.5 104.2 156.2
51 42.0 32.3 48.5
86 78.4 52.3 78.5

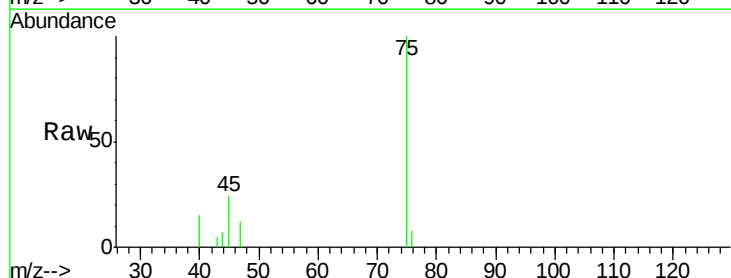


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

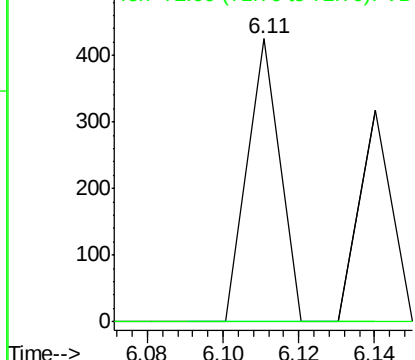
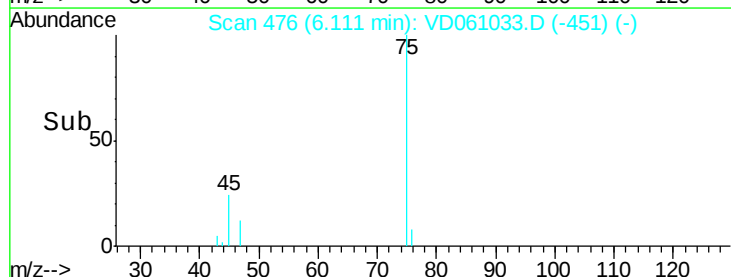


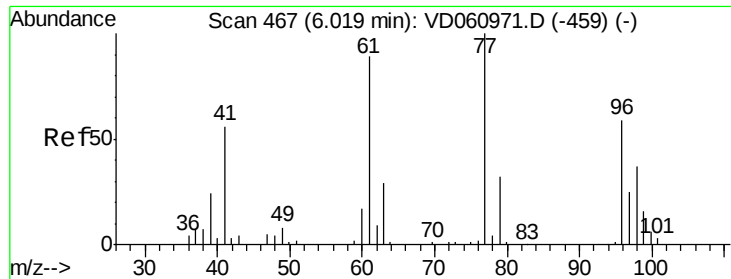
#25
2-Butanone
Concen: 507.814 ug/l
RT: 6.11 min Scan# 476
Delta R.T. 0.04 min
Lab File: VD061033.D
Acq: 12 Mar 2019 19:23

Tgt Ion: 43 Resp: 251
Ion Ratio Lower Upper
43 100
72 0.0 16.7 25.1#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 72.00 (71.70 to 72.70): VDC

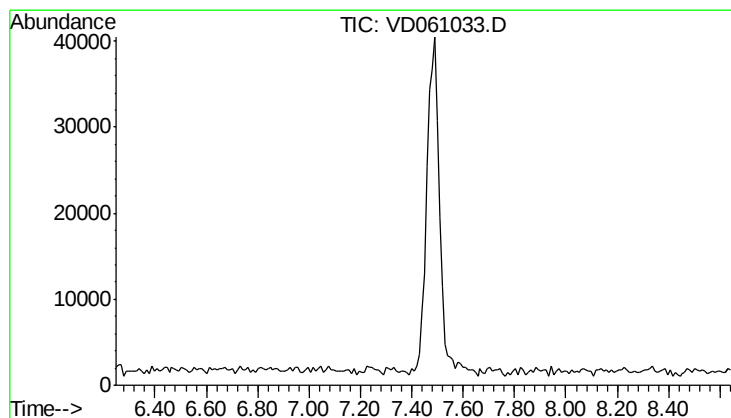
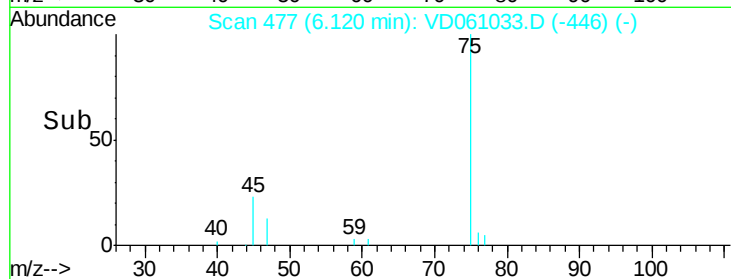
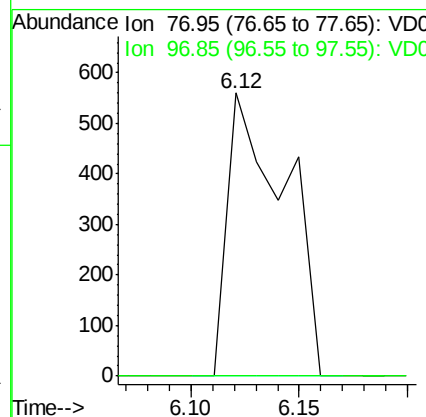
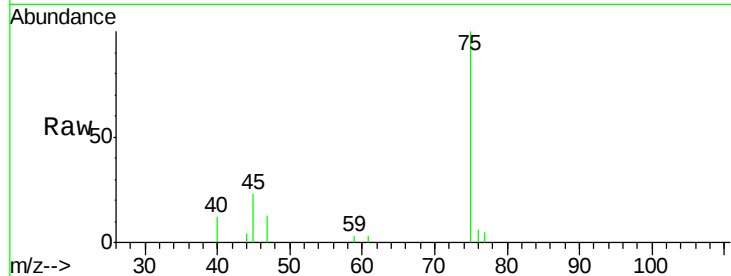




#26
 2,2-Dichloropropane
 Concen: 400.052 ug/l
 RT: 6.12 min Scan# 477
 Delta R.T. 0.10 min
 Lab File: VD061033.D
 Acq: 12 Mar 2019 19:23

Instrument :
 MSVOA_D
 ClientSampleId :
 P-4

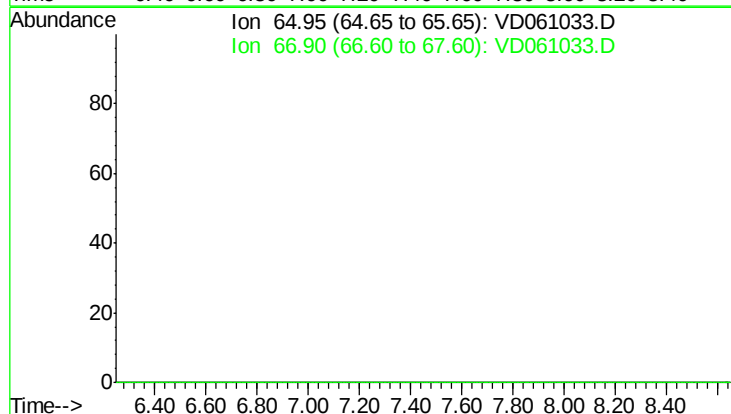
Tot Ion: 77 Resp: 1044
 Ion Ratio Lower Upper
 77 100
 97 0.0 12.6 37.6#

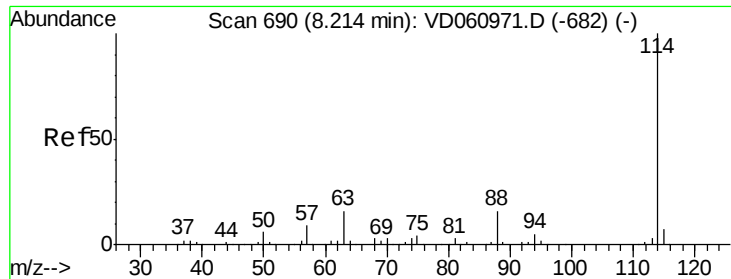


#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 Expected RT: 7.45 min

Lab File: VD061033.D
 Acq: 12 Mar 2019 19:23

Tgt Ion: 65
 Sig Exp Ratio
 65 100
 67 52.6

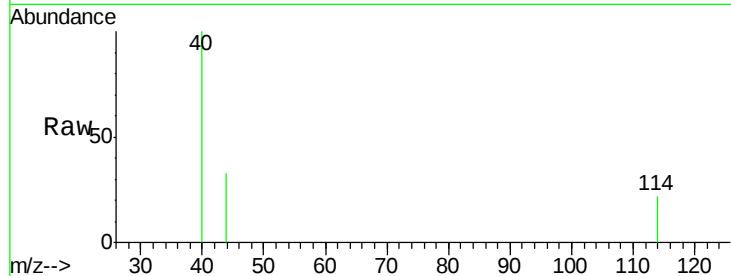




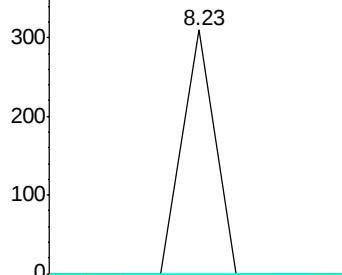
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD061033.D
 Acq: 12 Mar 2019 19:23

Instrument :
 MSVOA_D
 ClientSampleId :
 P-4

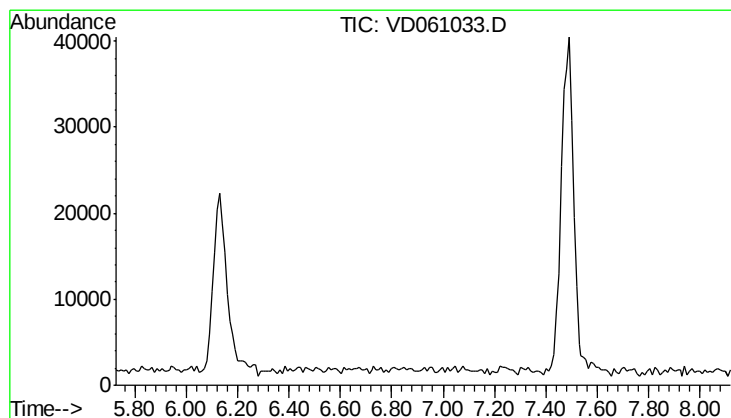
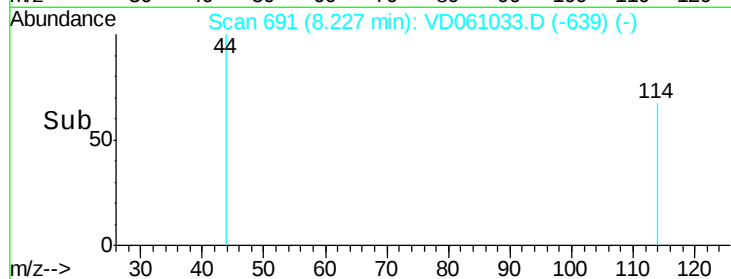
Tot Ion: 114 Resp: 183
 Ion Ratio Lower Upper
 114 100
 63 0.0 0.0 31.4
 88 0.0 0.0 33.0



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

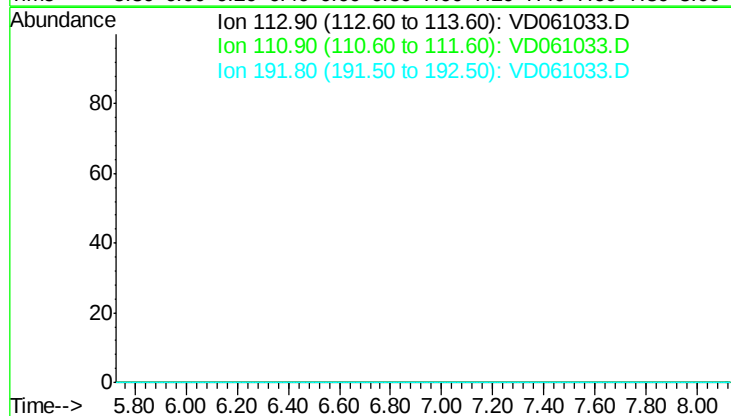


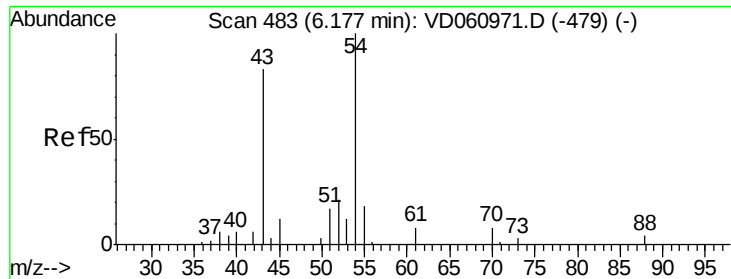
Time-->



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 Expected RT: 6.92 min
 Lab File: VD061033.D
 Acq: 12 Mar 2019 19:23

Tgt Ion: 113
 Sig Exp Ratio
 113 100
 111 105.3
 192 16.4

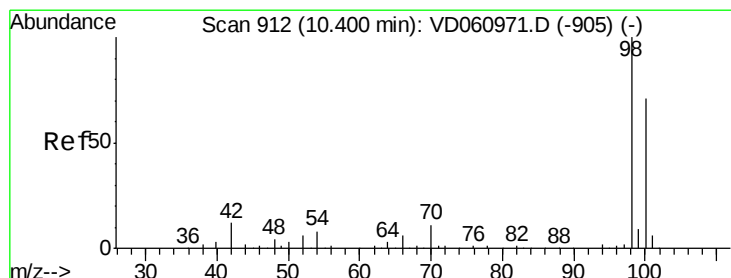
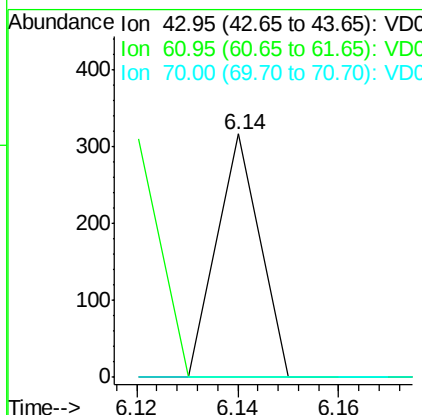
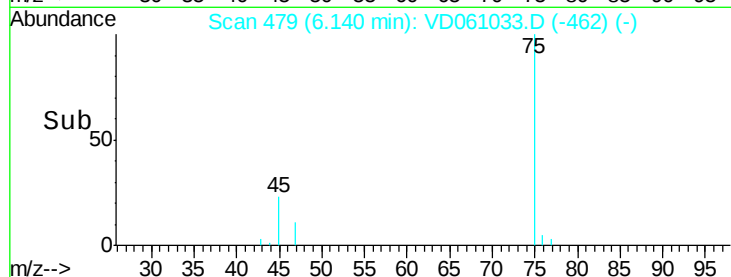
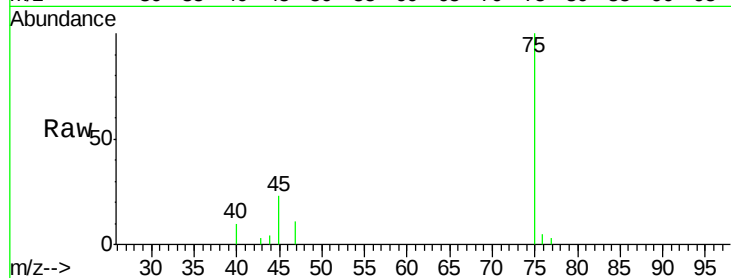




#37
Ethyl Acetate
Concen: 252.623 ug/l
RT: 6.14 min Scan# 479
Delta R.T. -0.04 min
Lab File: VD061033.D
Acq: 12 Mar 2019 19:23

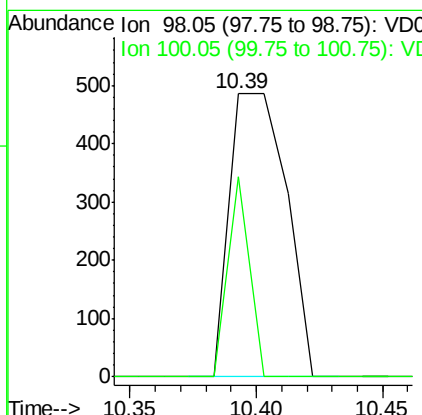
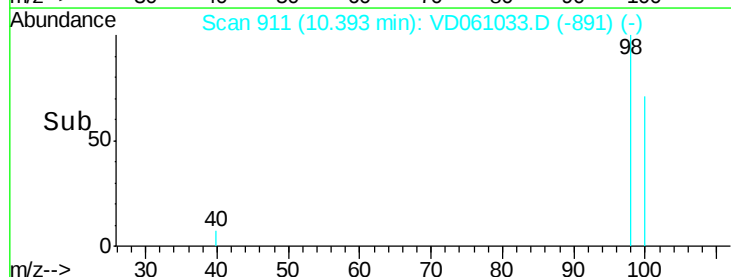
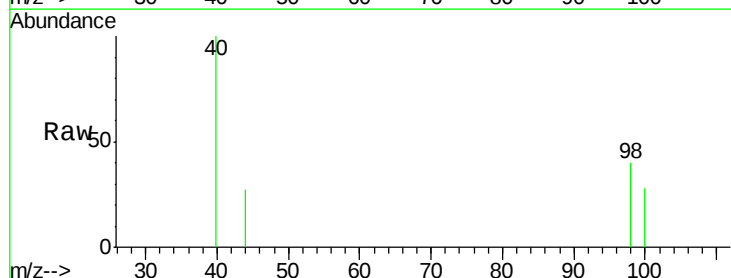
Instrument :
MSVOA_D
ClientSampleId :
P-4

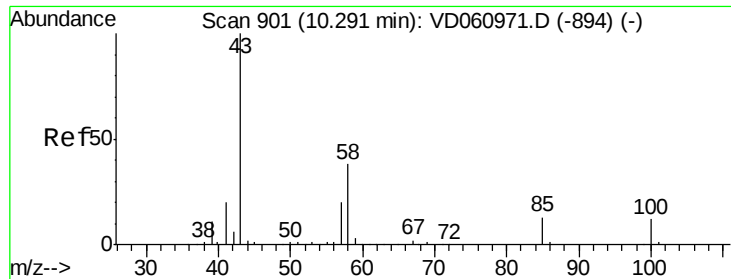
Tot Ion: 43 Resp: 187
Ion Ratio Lower Upper
43 100
61 0.0 13.7 20.5#
70 0.0 7.1 10.7#



#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.39 min Scan# 911
Delta R.T. -0.01 min
Lab File: VD061033.D
Acq: 12 Mar 2019 19:23

Tgt Ion: 98 Resp: 760
Ion Ratio Lower Upper
98 100
100 70.8 57.4 86.2





#51

4-Methyl-2-Pentanone

Concen: 288.172 ug/l

RT: 10.28 min Scan# 900

Delta R.T. -0.01 min

Lab File: VD061033.D

Acq: 12 Mar 2019 19:23

Instrument :

MSVOA_D

ClientSampleId :

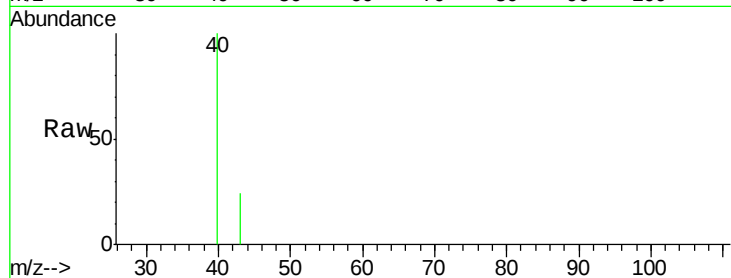
P-4

Tot Ion: 43 Resp: 181

Ion Ratio Lower Upper

43 100

58 0.0 30.2 45.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

10.28

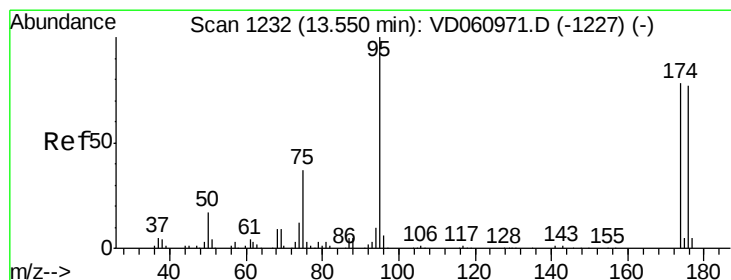
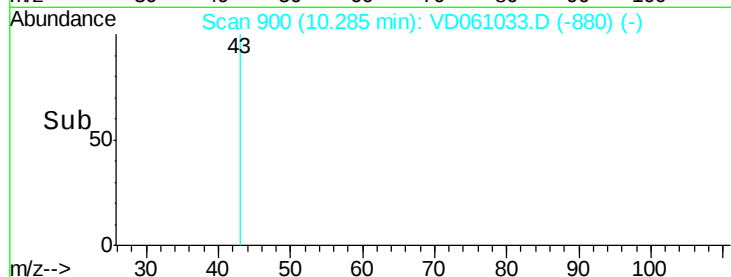
300

200

100

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD061033.D

Acq: 12 Mar 2019 19:23

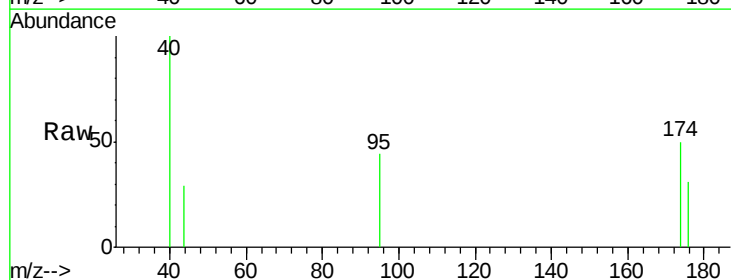
Tgt Ion: 95 Resp: 1032

Ion Ratio Lower Upper

95 100

174 111.8 0.0 155.6

176 69.3 0.0 153.8



Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

1000

800

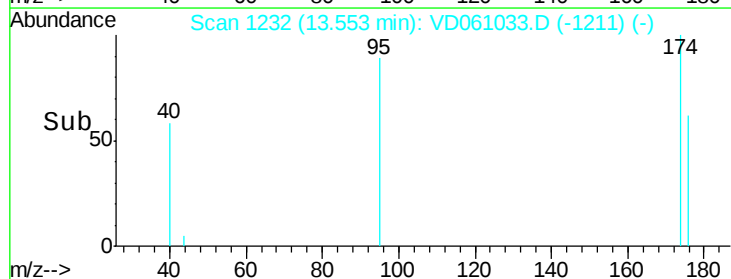
600

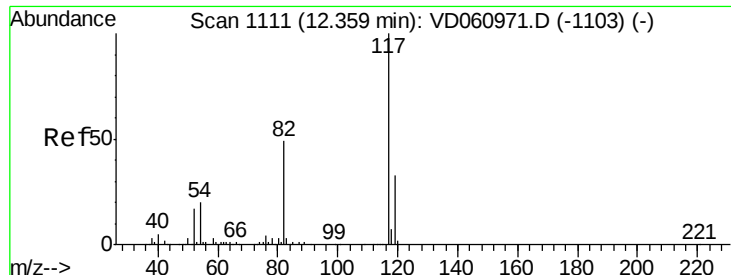
400

200

0

Time-->

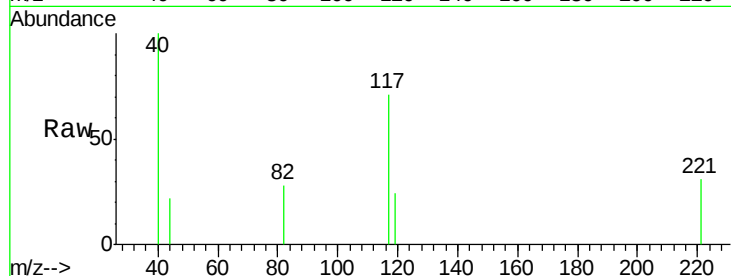




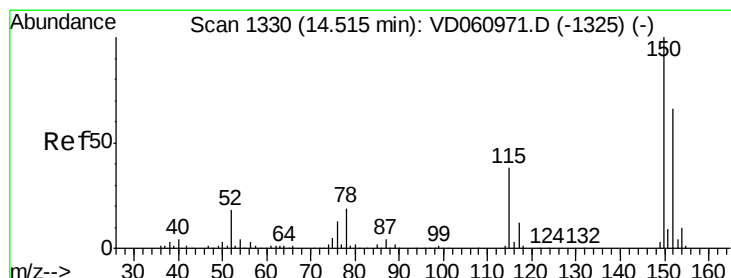
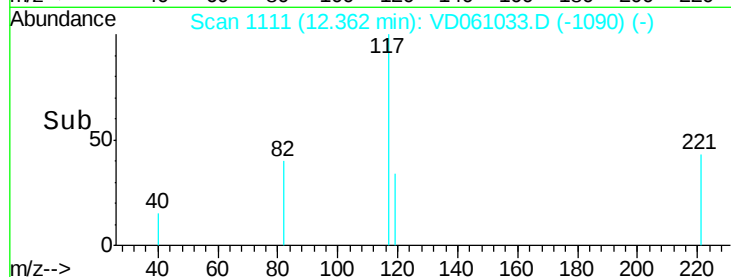
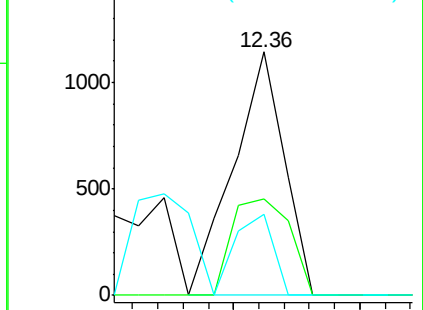
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD061033.D
Acq: 12 Mar 2019 19:23

Instrument :
MSVOA_D
ClientSampled :
P-4

Tot Ion:117 Resp: 1608
Ion Ratio Lower Upper
117 100
82 39.7 38.9 58.3
119 33.6 26.6 39.8

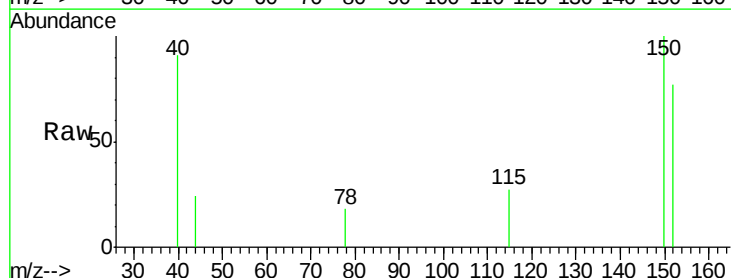


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

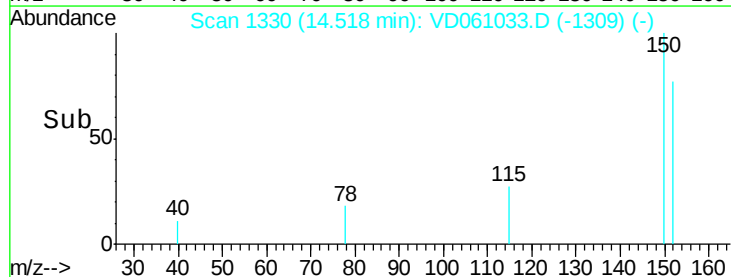
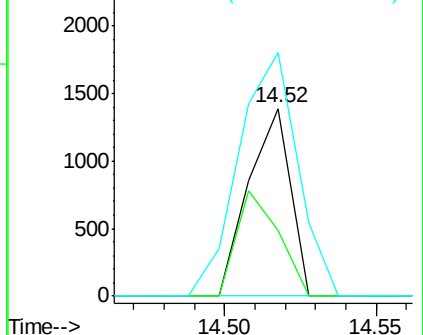


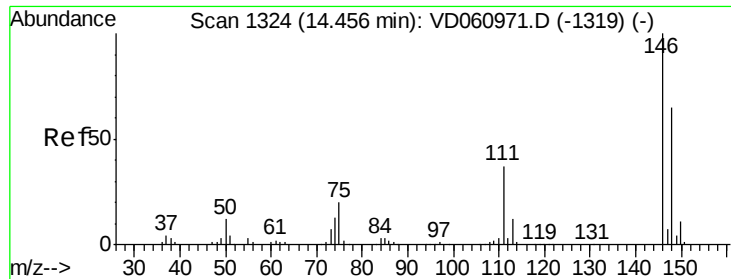
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD061033.D
Acq: 12 Mar 2019 19:23

Tgt Ion:152 Resp: 1327
Ion Ratio Lower Upper
152 100
115 35.0 28.6 85.9
150 129.6 0.0 310.6



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

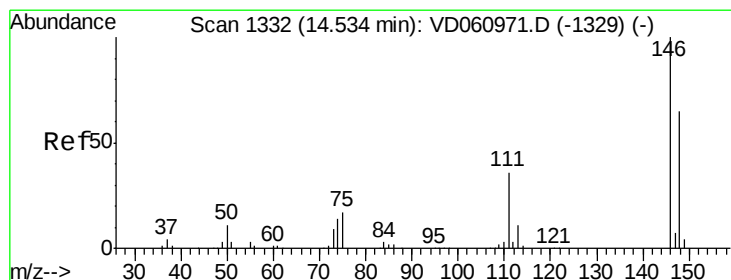
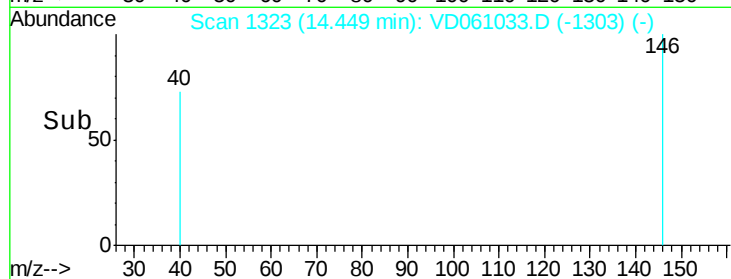
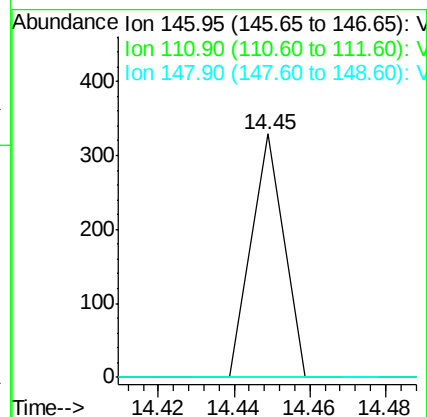
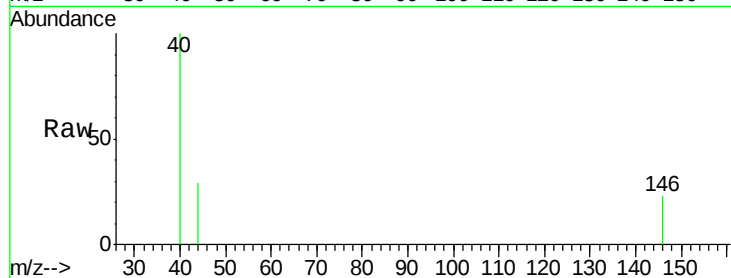




#87
 1,3-Dichlorobenzene
 Concen: 4.450 ug/l
 RT: 14.45 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: VD061033.D
 Acq: 12 Mar 2019 19:23

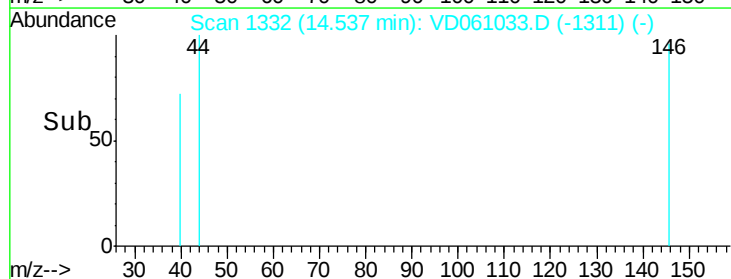
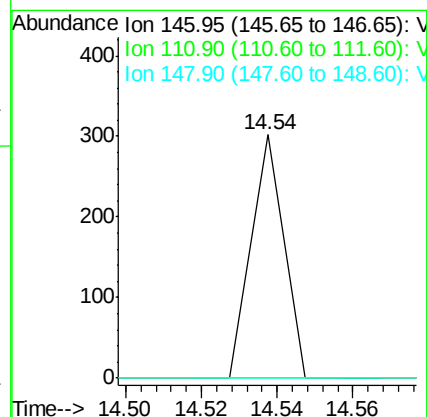
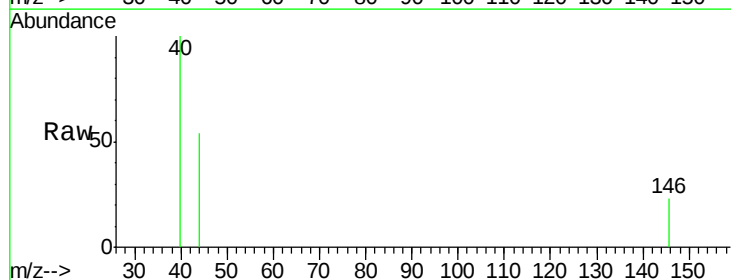
Instrument :
 MSVOA_D
 ClientSampleId :
 P-4

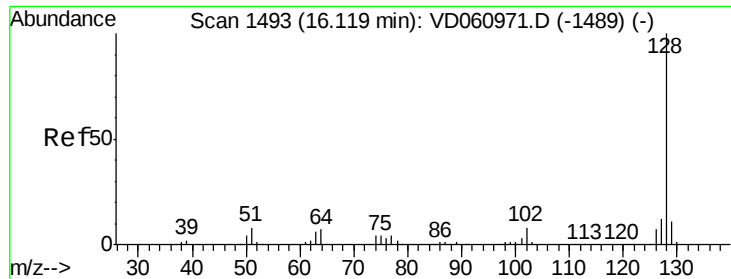
Tot Ion:146 Resp: 194
 Ion Ratio Lower Upper
 146 100
 111 0.0 18.4 55.4#
 148 0.0 32.5 97.4#



#88
 1,4-Dichlorobenzene
 Concen: 4.155 ug/l
 RT: 14.54 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: VD061033.D
 Acq: 12 Mar 2019 19:23

Tgt Ion:146 Resp: 178
 Ion Ratio Lower Upper
 146 100
 111 0.0 18.4 55.2#
 148 0.0 32.5 97.5#





#95

Naphthalene

Concen: 9.017 ug/l

RT: 16.12 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VD061033.D

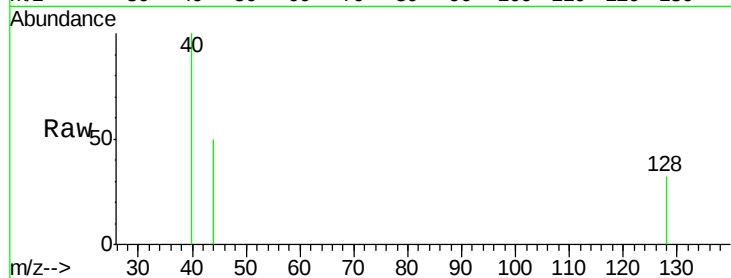
Acq: 12 Mar 2019 19:23

Instrument :

MSVOA_D

ClientSampleId :

P-4



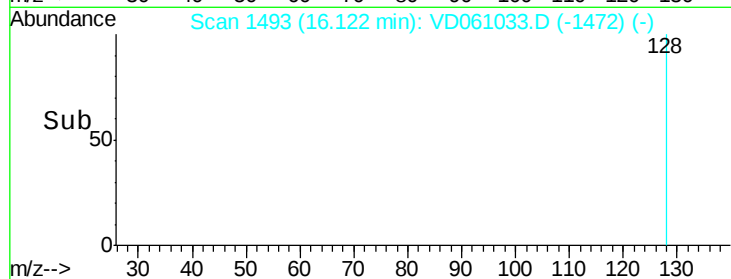
Tot Ion:128 Resp: 231

Ion Ratio Lower Upper

128 100

127 0.0 9.8 14.8#

129 0.0 8.5 12.7#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

