

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032519\
 Data File : VD061316.D
 Acq On : 26 Mar 2019 00:08
 Operator : VA/AP
 Sample : VD0325SBL02
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0325SBL02

Quant Time: Mar 26 04:31:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 03:31:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	681965	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1205486	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1034872	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	445263	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	316886	53.86	ug/l	0.00
Spiked Amount			Recovery	=	107.72%	
35) Dibromofluoromethane	6.93	113	486025	52.69	ug/l	0.00
Spiked Amount			Recovery	=	105.38%	
50) Toluene-d8	10.40	98	1107008	49.49	ug/l	0.00
Spiked Amount			Recovery	=	98.98%	
62) 4-Bromofluorobenzene	13.55	95	425411	48.76	ug/l	0.00
Spiked Amount			Recovery	=	97.52%	

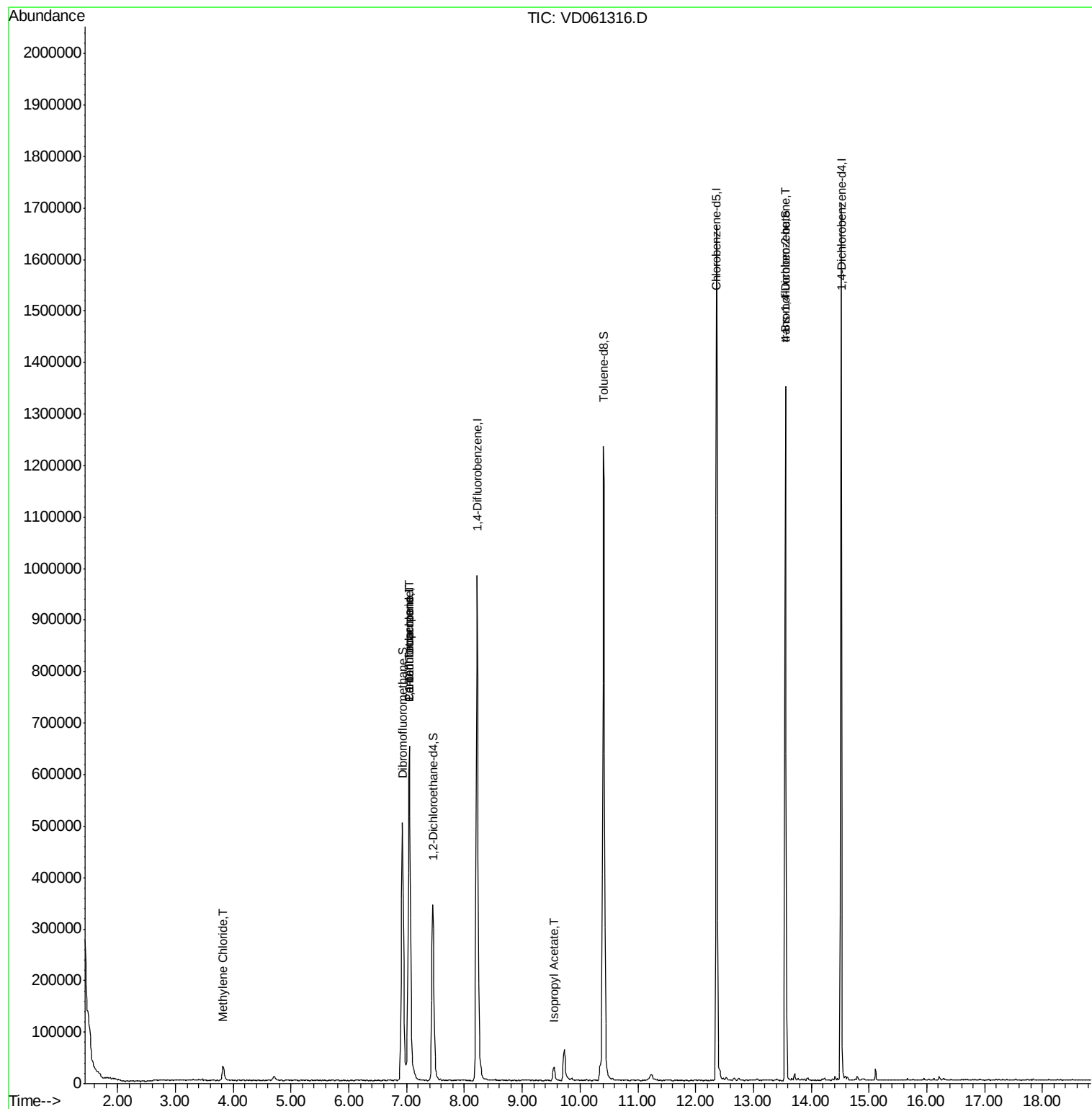
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	3.82	84	21291	2.665	ug/l	95
36) 1,1-Dichloropropene	7.05	75	48918	4.960	ug/l #	45
38) Carbon Tetrachloride	7.05	117	64675	5.737	ug/l #	13
43) Isopropyl Acetate	9.55	43	21283	3.583	ug/l #	43
81) trans-1,4-Dichloro-2-buten	13.55	75	153861	88.045	ug/l #	17

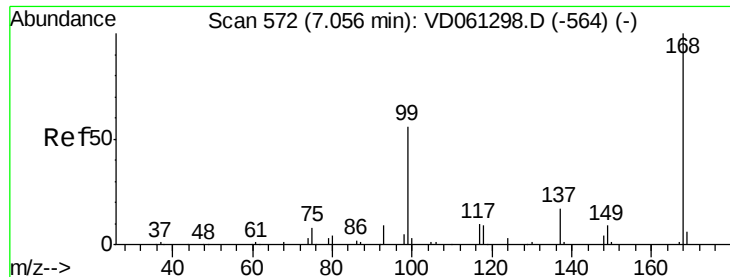
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032519\
Data File : VD061316.D
Acq On : 26 Mar 2019 00:08
Operator : VA/AP
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Misc : 5.00µl/5ml/MSVOA D/SOIL
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ClientSampleId :
VD0325SBL02

Quant Time: Mar 26 04:31:05 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032519S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 26 03:31:57 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.01 min

Lab File: VD061316.D

Acq: 26 Mar 2019 00:08

Instrument :

MSVOA_D

ClientSampleId :

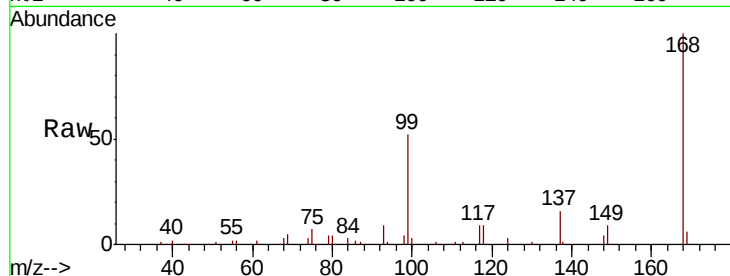
VD0325SBL02

Tot Ion:168 Resp: 681965

Ion Ratio Lower Upper

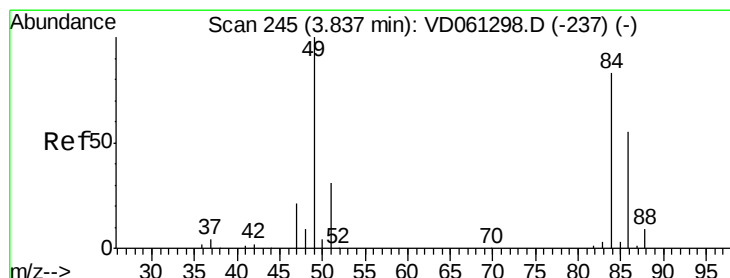
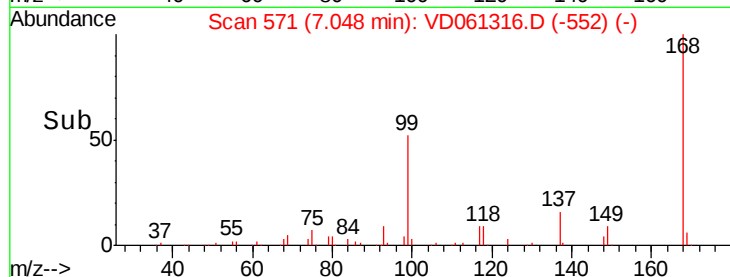
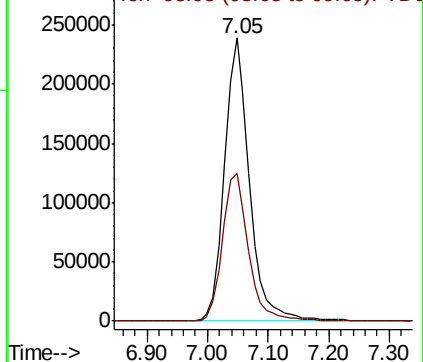
168 100

99 52.4 45.8 68.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 2.665 ug/l

RT: 3.82 min Scan# 243

Delta R.T. -0.02 min

Lab File: VD061316.D

Acq: 26 Mar 2019 00:08

Tgt Ion: 84 Resp: 21291

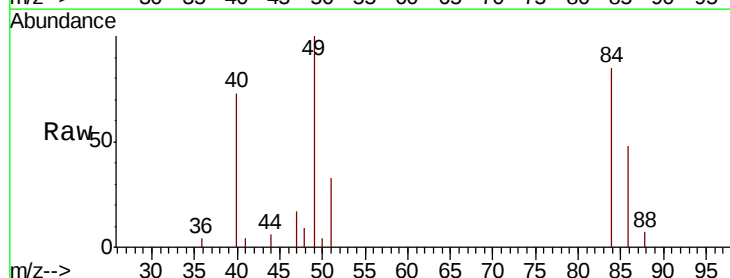
Ion Ratio Lower Upper

84 100

49 118.3 96.8 145.2

51 39.1 29.9 44.9

86 56.9 53.1 79.7

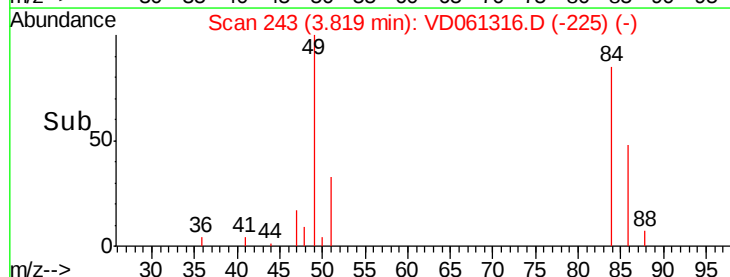
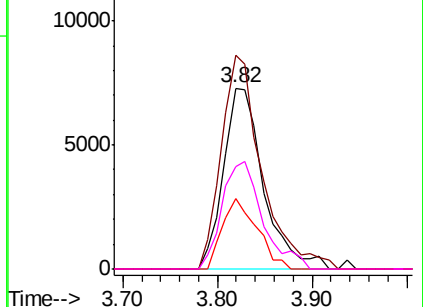


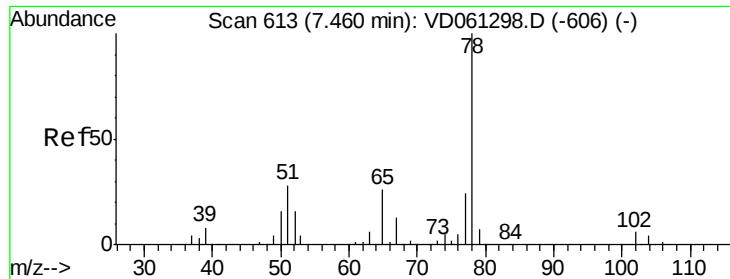
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

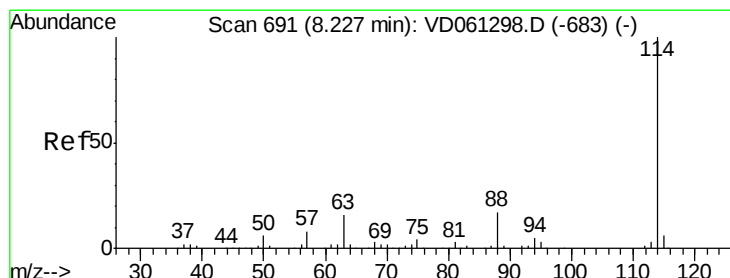
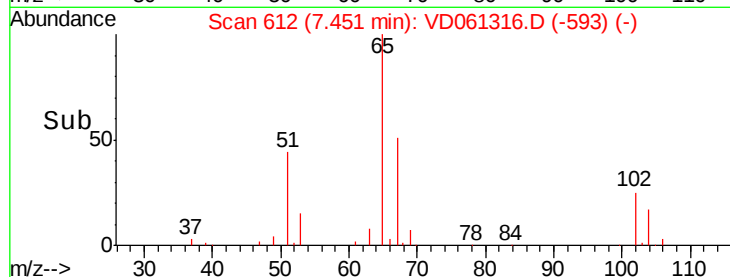
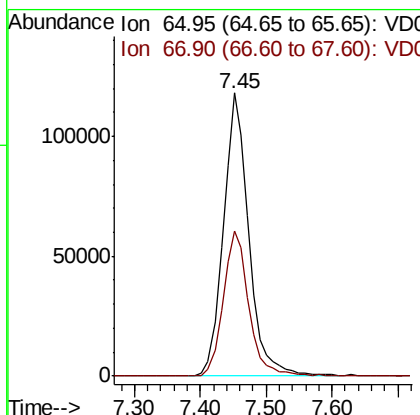
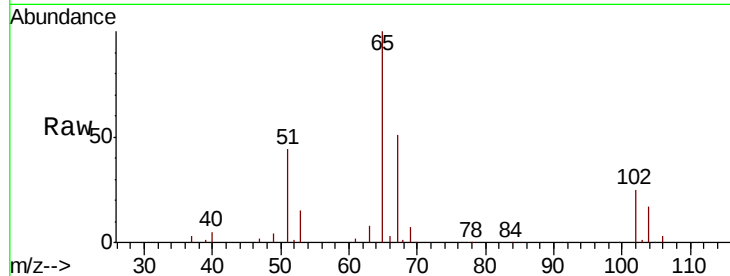




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: VD061316.D
 Acq: 26 Mar 2019 00:08

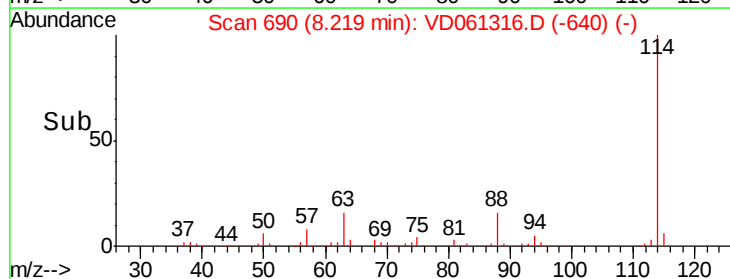
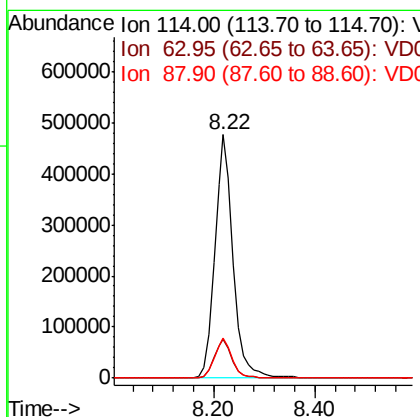
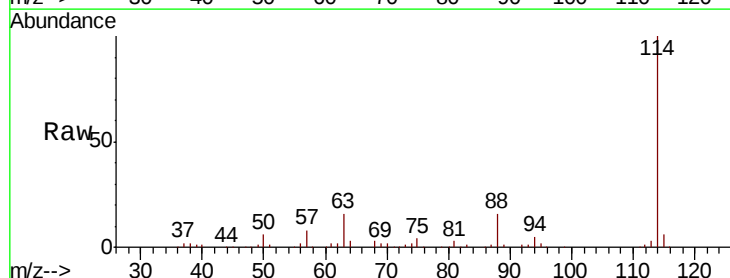
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0325SBL02

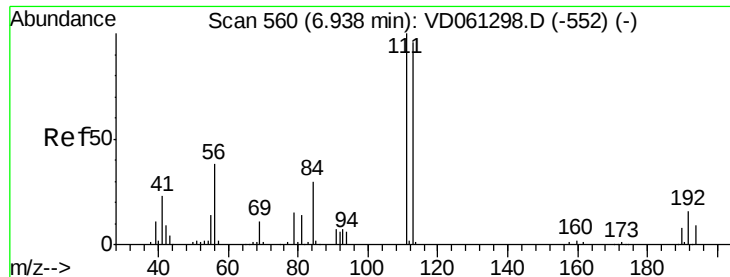
Tot Ion: 65 Resp: 316886
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: VD061316.D
 Acq: 26 Mar 2019 00:08

Tgt Ion: 114 Resp: 1205486
 Ion Ratio Lower Upper
 114 100
 63 15.8 0.0 31.4
 88 16.4 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD061316.D

Acq: 26 Mar 2019 00:08

Instrument :

MSVOA_D

ClientSampleId :

VD0325SBL02

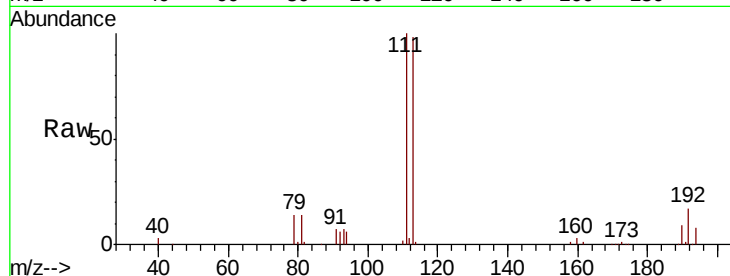
Tot Ion:113 Resp: 486025

Ion Ratio Lower Upper

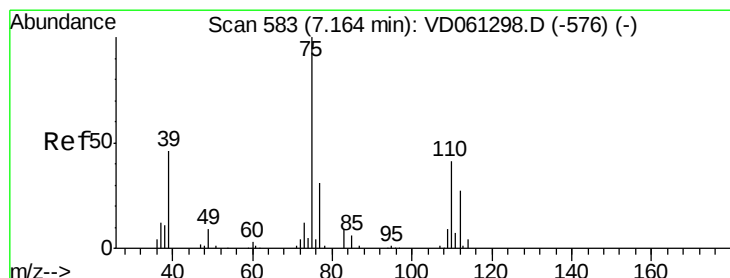
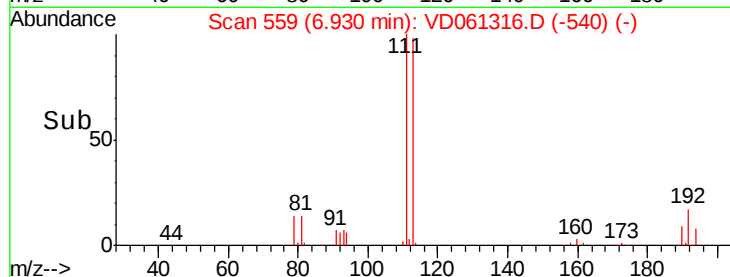
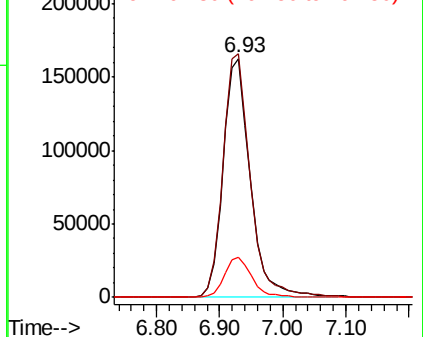
113 100

111 101.9 83.7 125.5

192 16.9 13.4 20.0



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



#36

1,1-Dichloropropene

Concen: 4.960 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.12 min

Lab File: VD061316.D

Acq: 26 Mar 2019 00:08

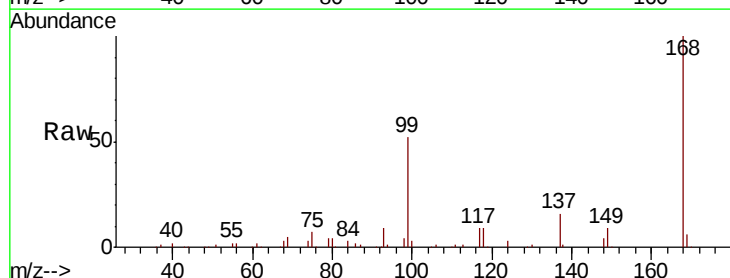
Tgt Ion: 75 Resp: 48918

Ion Ratio Lower Upper

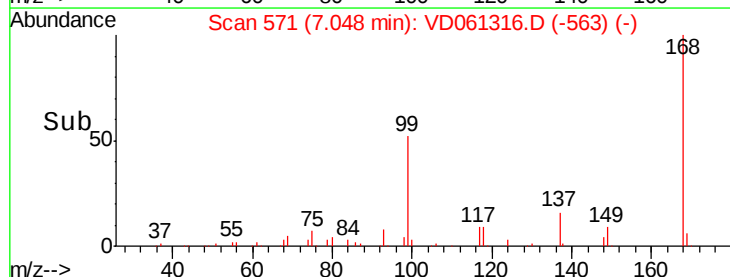
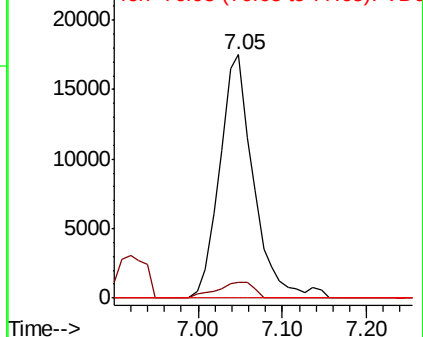
75 100

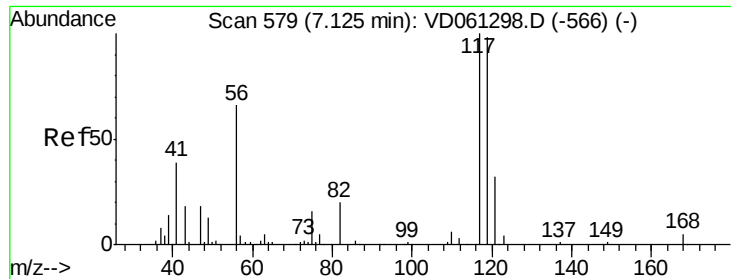
110 6.2 20.1 60.2#

77 0.0 24.3 36.5#



Abundance Ion 75.00 (74.70 to 75.70): V
Ion 109.90 (109.60 to 110.60): V
Ion 76.95 (76.65 to 77.65): V

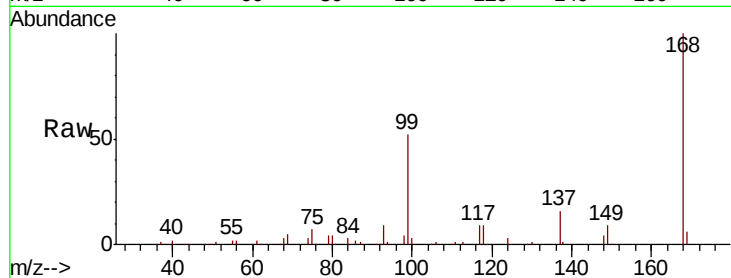




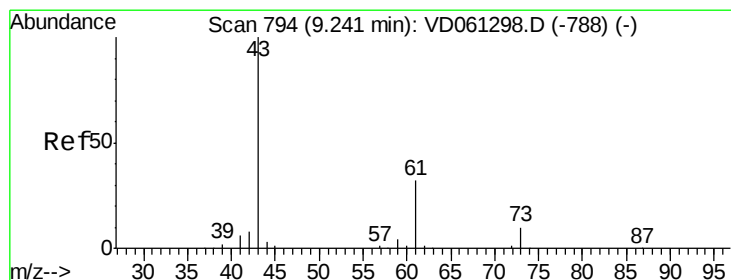
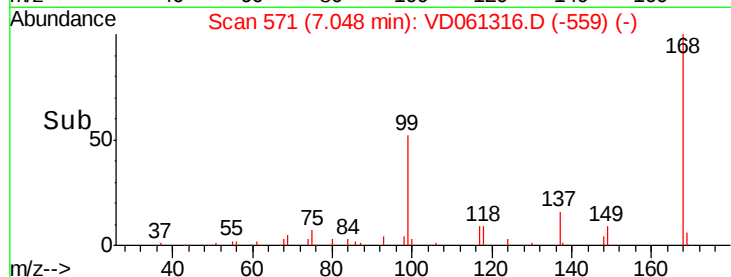
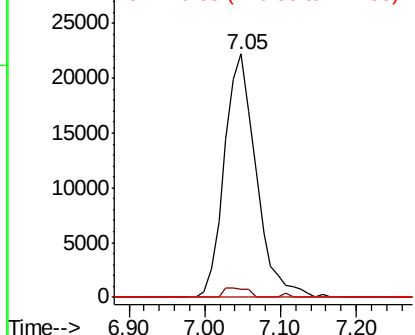
#38
Carbon Tetrachloride
Concen: 5.737 ug/l
RT: 7.05 min Scan# 571
Delta R.T. -0.08 min
Lab File: VD061316.D
Acq: 26 Mar 2019 00:08

Instrument :
MSVOA_D
ClientSampleId :
VD0325SBL02

Tot Ion:117 Resp: 64675
Ion Ratio Lower Upper
117 100
119 3.1 78.4 117.6#
121 0.0 25.1 37.7#

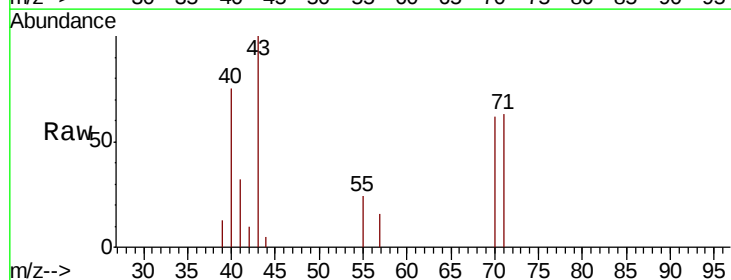


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

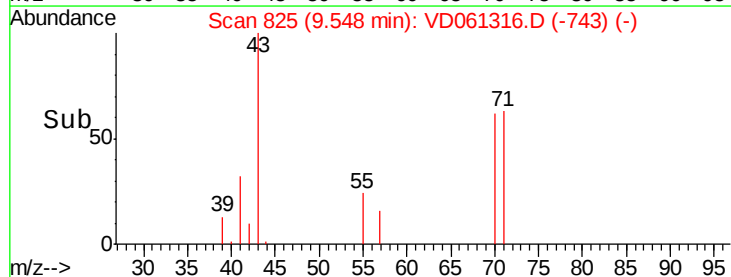
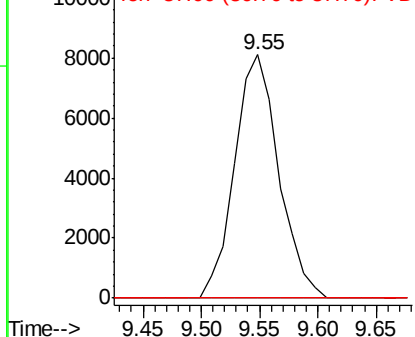


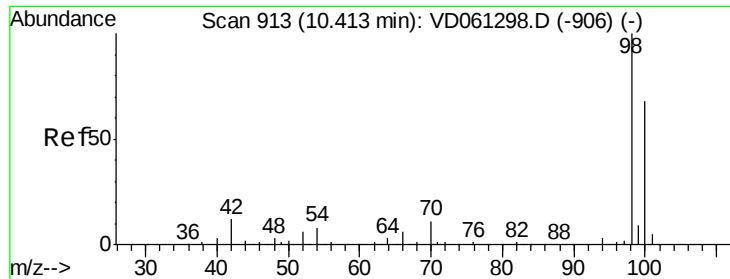
#43
Isopropyl Acetate
Concen: 3.583 ug/l
RT: 9.55 min Scan# 825
Delta R.T. 0.31 min
Lab File: VD061316.D
Acq: 26 Mar 2019 00:08

Tgt Ion: 43 Resp: 21283
Ion Ratio Lower Upper
43 100
61 0.0 25.8 38.8#
87 0.0 0.3 0.5#



Abundance Ion 42.95 (42.65 to 43.65): V
Ion 60.95 (60.65 to 61.65): V
Ion 87.00 (86.70 to 87.70): V

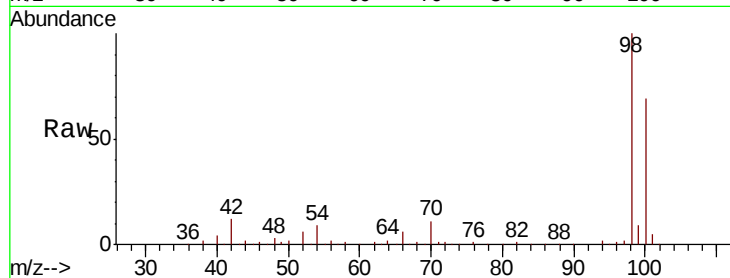




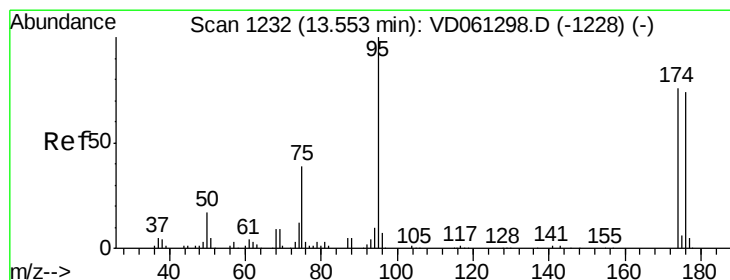
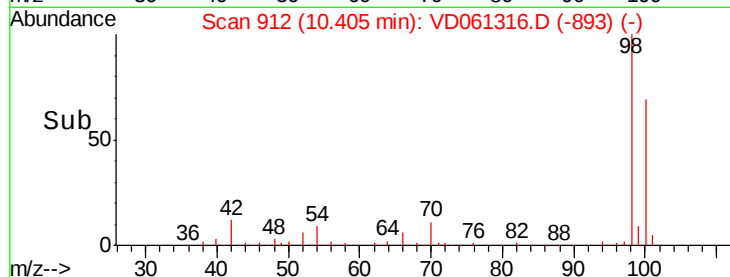
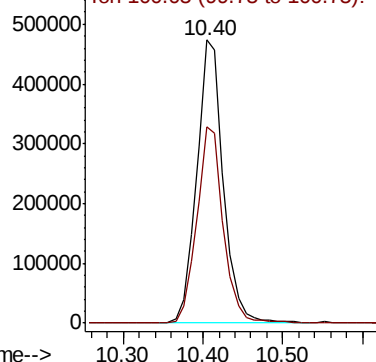
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD061316.D
Acq: 26 Mar 2019 00:08

Instrument :
MSVOA_D
ClientSampleId :
VD0325SBL02

Tot Ion: 98 Resp: 1107008
Ion Ratio Lower Upper
98 100
100 69.4 55.4 83.0

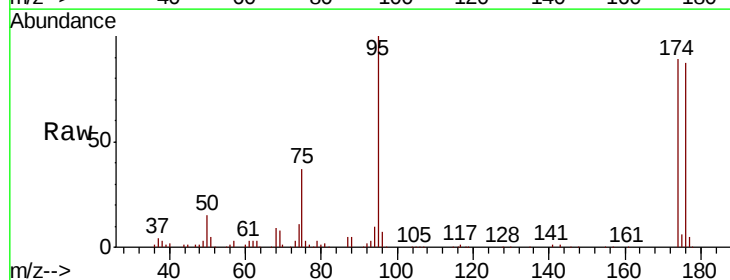


Abundance Ion 98.05 (97.75 to 98.75): VD061298.D (-906) (-)
Ion 100.05 (99.75 to 100.75): VD061298.D (-906) (-)

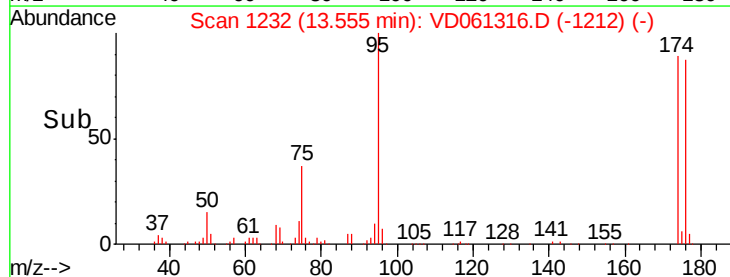
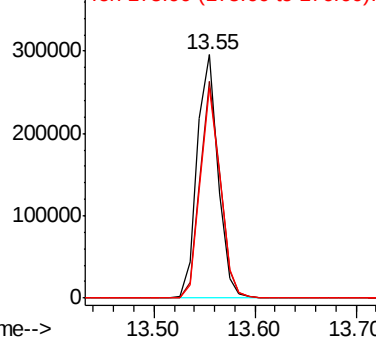


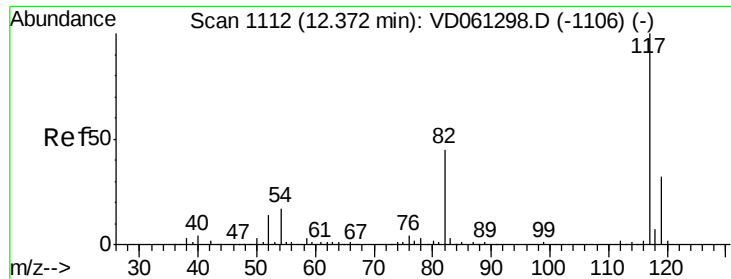
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD061316.D
Acq: 26 Mar 2019 00:08

Tgt Ion: 95 Resp: 425411
Ion Ratio Lower Upper
95 100
174 89.0 0.0 151.8
176 86.6 0.0 148.0



Abundance Ion 95.00 (94.70 to 95.70): VD061298.D (-1228) (-)
Ion 173.90 (173.60 to 174.60): VD061298.D (-1228) (-)
Ion 175.90 (175.60 to 176.60): VD061298.D (-1228) (-)

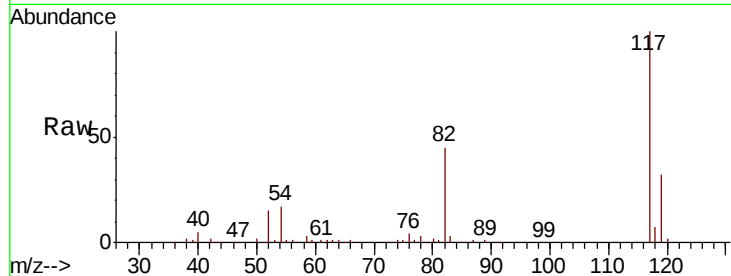




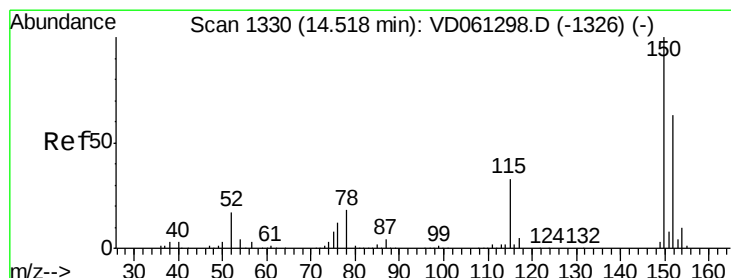
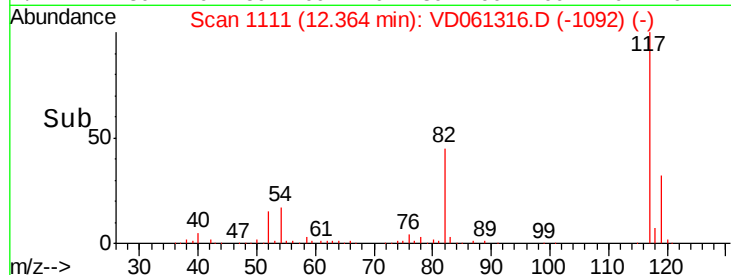
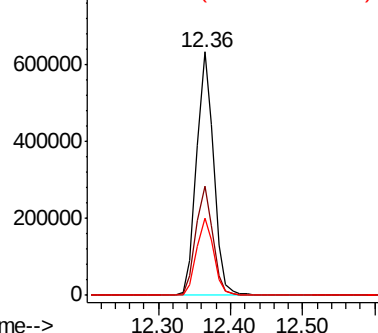
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD061316.D
Acq: 26 Mar 2019 00:08

Instrument :
MSVOA_D
ClientSampleId :
VD0325SBL02

Tot Ion:117 Resp: 1034872
Ion Ratio Lower Upper
117 100
82 45.1 35.7 53.5
119 31.9 25.9 38.9

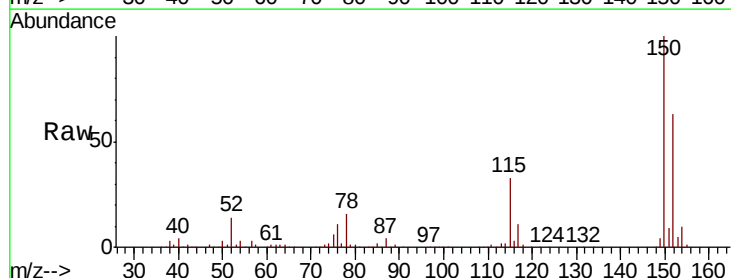


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

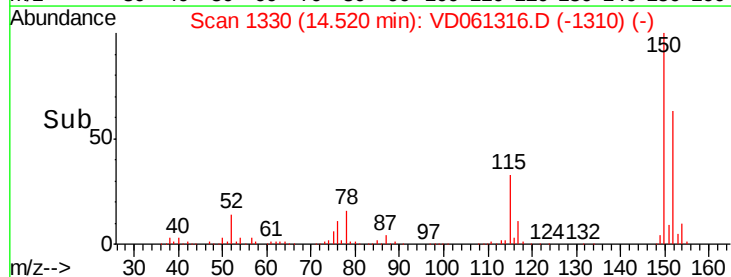
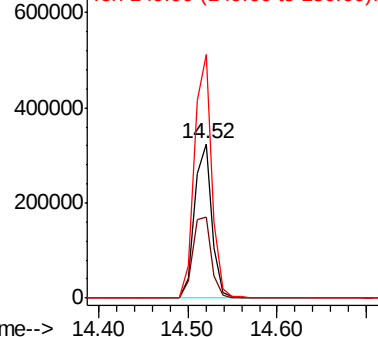


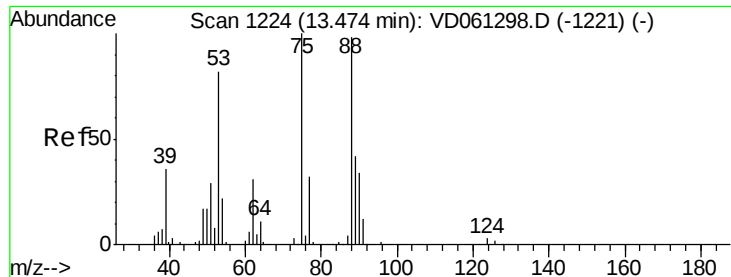
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD061316.D
Acq: 26 Mar 2019 00:08

Tgt Ion:152 Resp: 445263
Ion Ratio Lower Upper
152 100
115 52.2 29.2 87.6
150 157.8 0.0 319.6



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





#81

trans-1,4-Dichloro-2-butene

Concen: 88.045 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.08 min

Lab File: VD061316.D

Acq: 26 Mar 2019 00:08

Instrument :

MSVOA_D

ClientSampleId :

VD0325SBL02

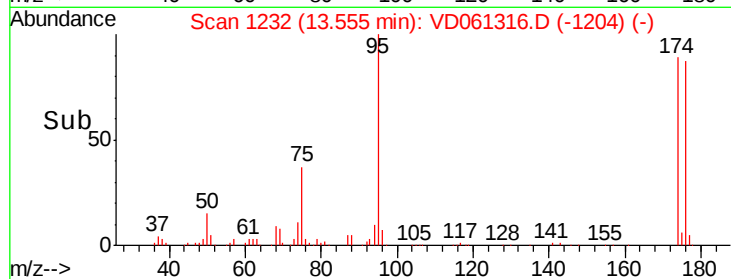
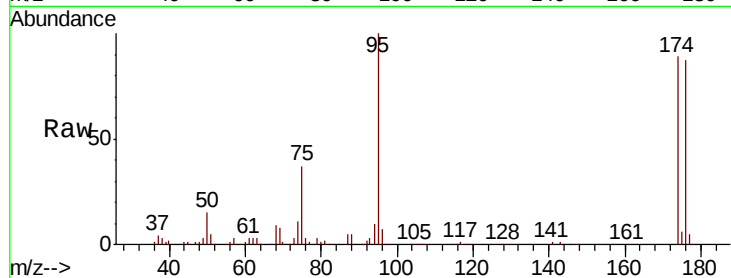
Tot Ion: 75 Resp: 153861

Ion Ratio Lower Upper

75 100

53 0.0 65.3 97.9#

89 0.0 33.8 50.6#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

