

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032719\
 Data File : VD061383.D
 Acq On : 28 Mar 2019 7:20
 Operator : VA/AP
 Sample : K2107-03
 Misc : 4.65µl/5ml/MSVOA D/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Quant Time: Mar 28 08:09:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 02:13:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	10836	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.20	114	25016	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.35	117	30789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.50	152	16113	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.43	65	9797	105.84	ug/l	0.00
Spiked Amount			Recovery	=	211.68%	
35) Dibromofluoromethane	6.89	113	10338	54.08	ug/l	0.00
Spiked Amount			Recovery	=	108.16%	
50) Toluene-d8	10.39	98	18400	40.13	ug/l	0.00
Spiked Amount			Recovery	=	80.26%	
62) 4-Bromofluorobenzene	13.54	95	11346	64.53	ug/l	0.00
Spiked Amount			Recovery	=	129.06%	

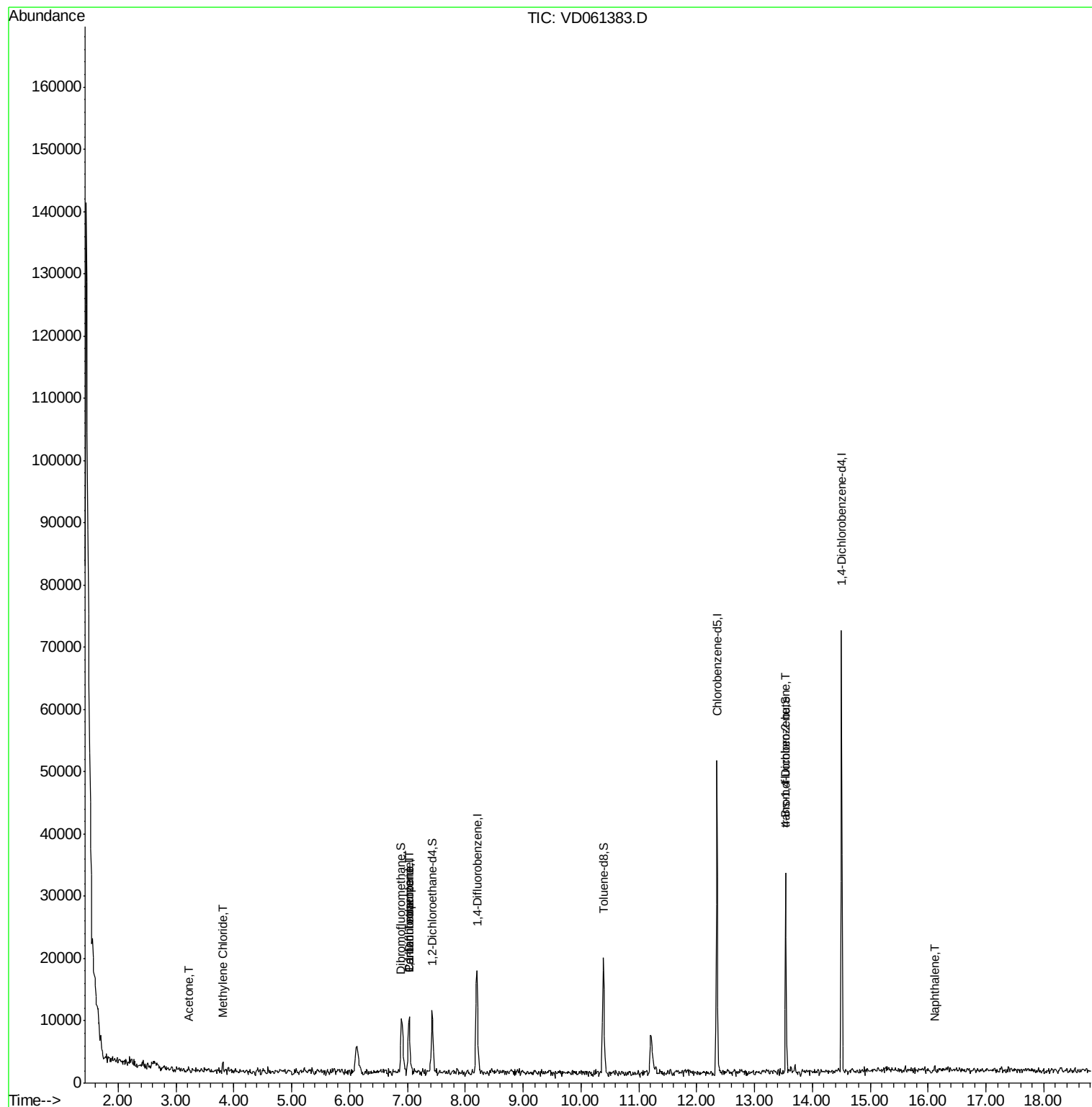
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.22	43	197	8.279	ug/l #	48
20) Methylene Chloride	3.81	84	504	1.935	ug/l #	58
36) 1,1-Dichloropropene	7.03	75	563	2.579	ug/l #	38
38) Carbon Tetrachloride	7.02	117	452	1.818	ug/l #	10
81) trans-1,4-Dichloro-2-buten	13.54	75	3870	54.532	ug/l #	18
95) Naphthalene	16.11	128	687	2.143	ug/l #	70

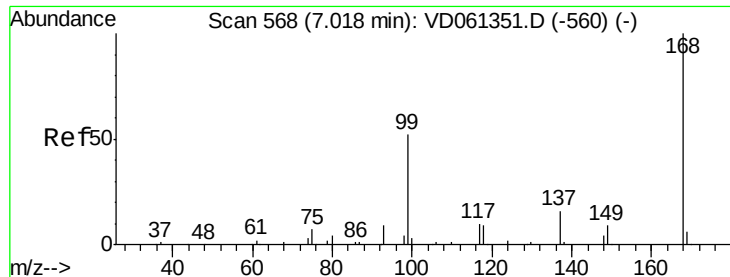
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032719\
Data File : VD061383.D
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Instrument :
MSVOA_D
ClientSampleId :
TP-2

Quant Time: Mar 28 08:09:31 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 28 02:13:53 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. 0.01 min

Lab File: VD061383.D

Acq: 28 Mar 2019 7:20

Instrument :

MSVOA_D

ClientSampleId :

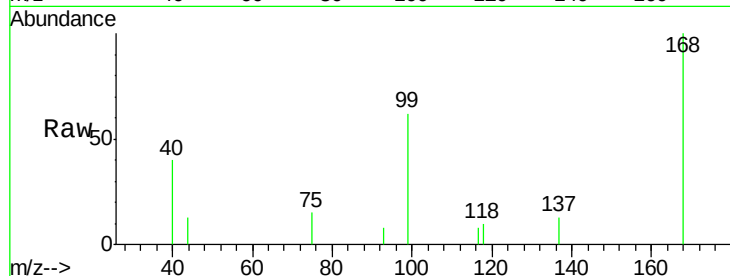
TP-2

Tot Ion:168 Resp: 10836

Ion Ratio Lower Upper

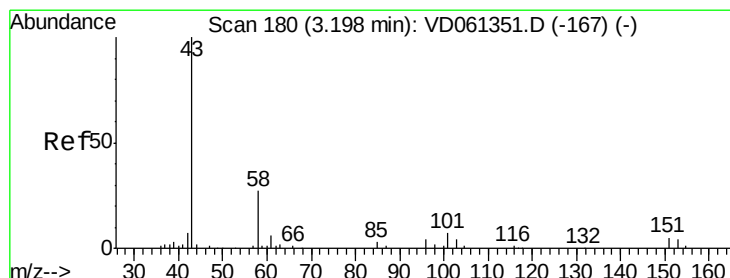
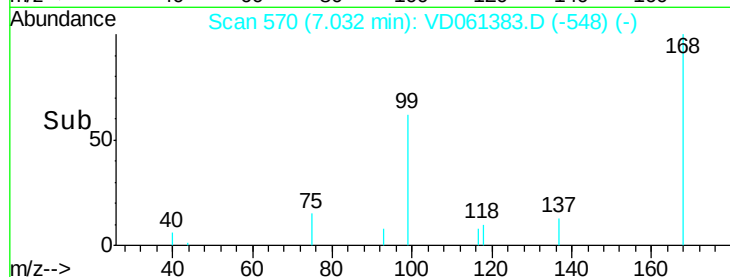
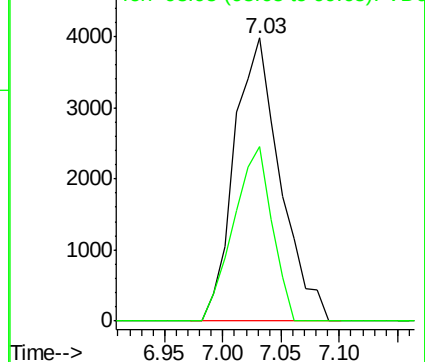
168 100

99 61.6 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 8.279 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.02 min

Lab File: VD061383.D

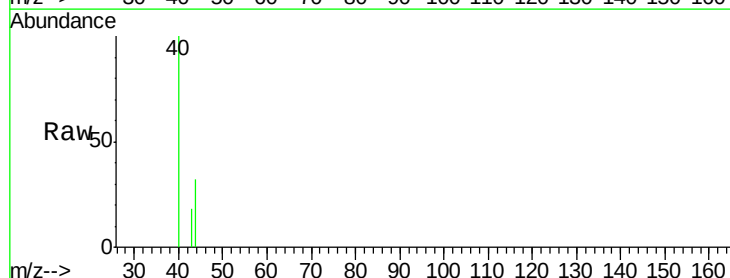
Acq: 28 Mar 2019 7:20

Tgt Ion: 43 Resp: 197

Ion Ratio Lower Upper

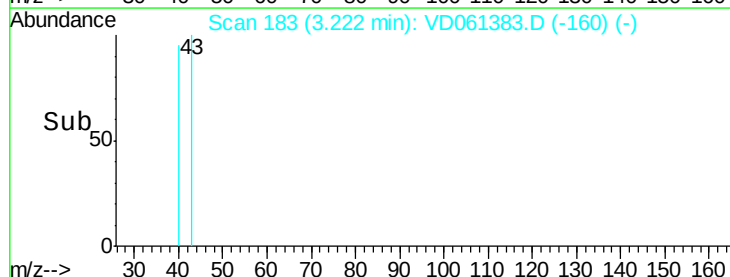
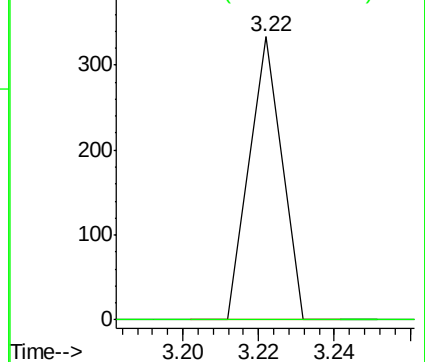
43 100

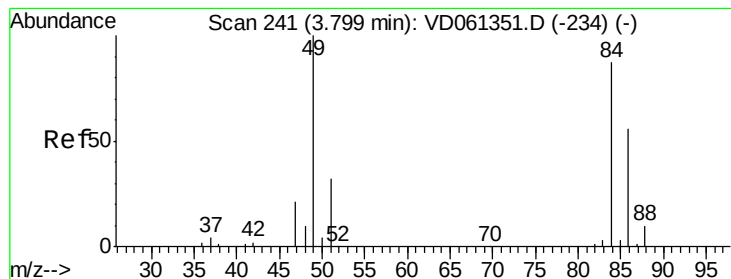
58 0.0 21.5 32.3#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 1.935 ug/l

RT: 3.81 min Scan# 243

Delta R.T. 0.01 min

Lab File: VD061383.D

Acq: 28 Mar 2019 7:20

Instrument :

MSVOA_D

ClientSampleId :

TP-2

Tot Ion: 84 Resp: 504

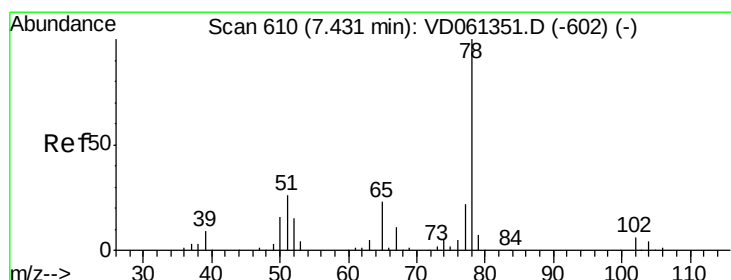
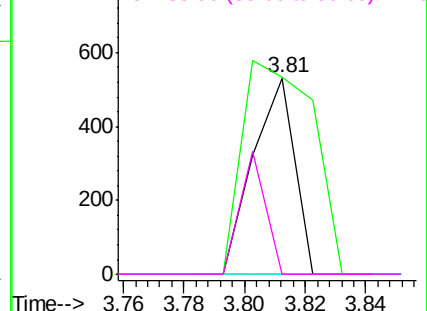
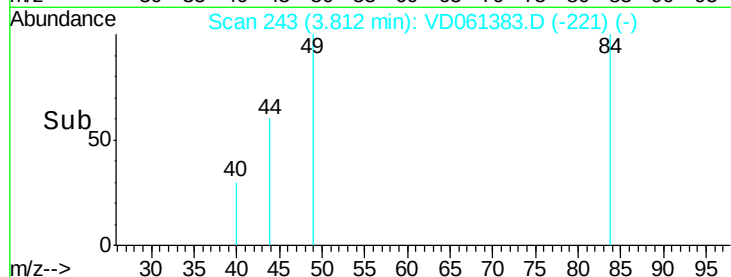
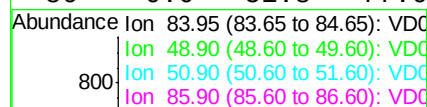
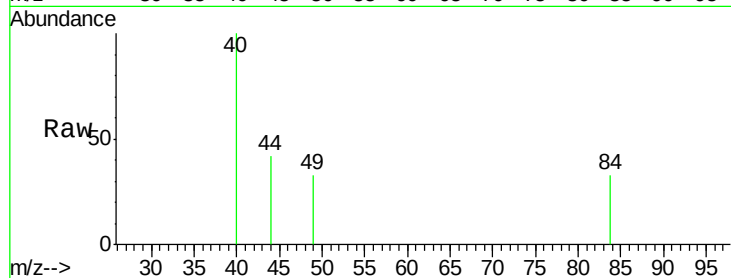
Ion Ratio Lower Upper

84 100

49 100.4 91.8 137.8

51 0.0 29.8 44.8#

86 0.0 51.8 77.6#



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.43 min Scan# 610

Delta R.T. -0.01 min

Lab File: VD061383.D

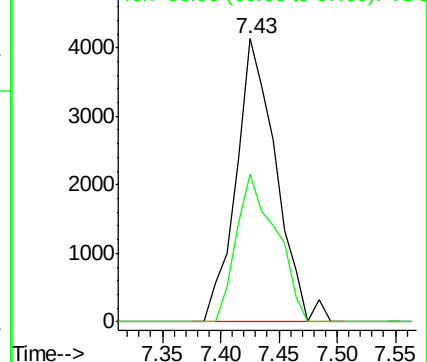
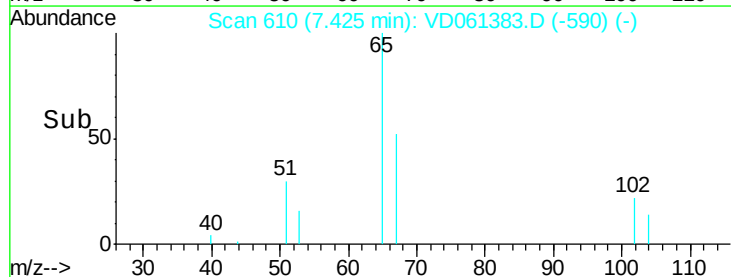
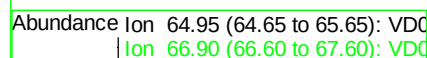
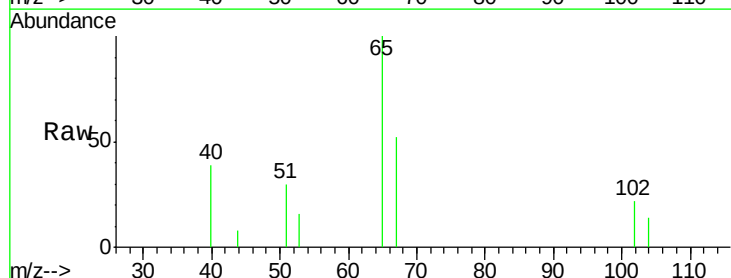
Acq: 28 Mar 2019 7:20

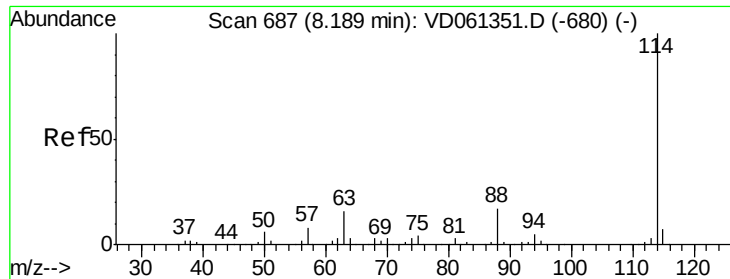
Tgt Ion: 65 Resp: 9797

Ion Ratio Lower Upper

65 100

67 52.0 0.0 99.8

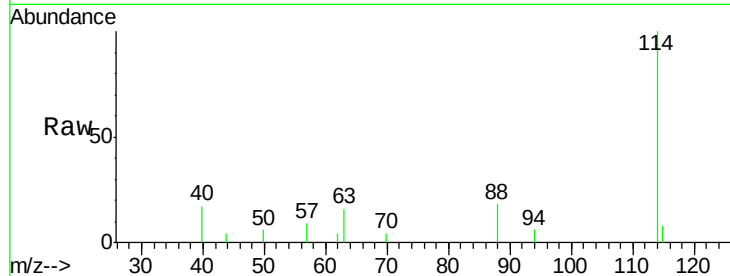




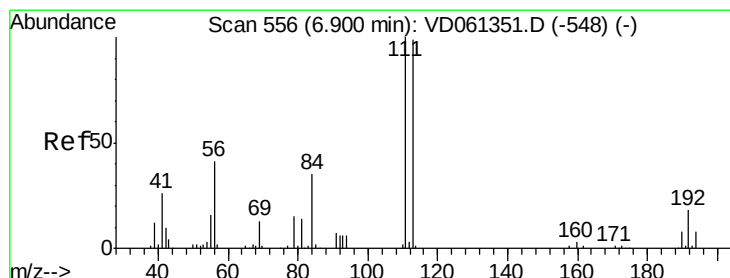
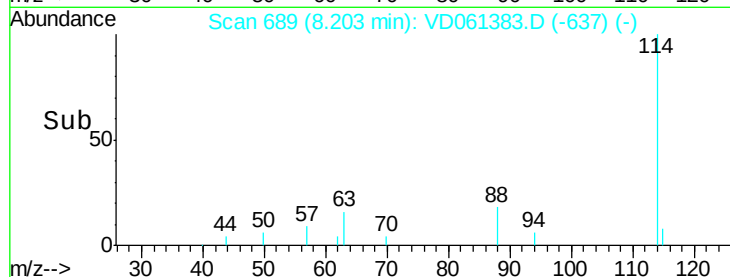
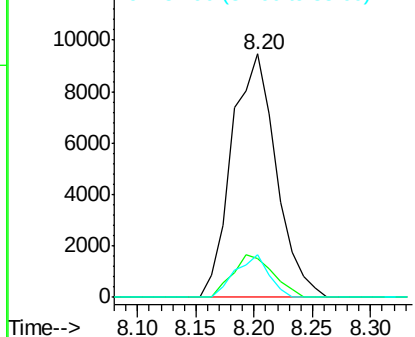
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 689
 Delta R.T. 0.01 min
 Lab File: VD061383.D
 Acq: 28 Mar 2019 7:20

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Tot Ion:114 Resp: 25016
 Ion Ratio Lower Upper
 114 100
 63 15.9 0.0 31.6
 88 17.7 0.0 33.4

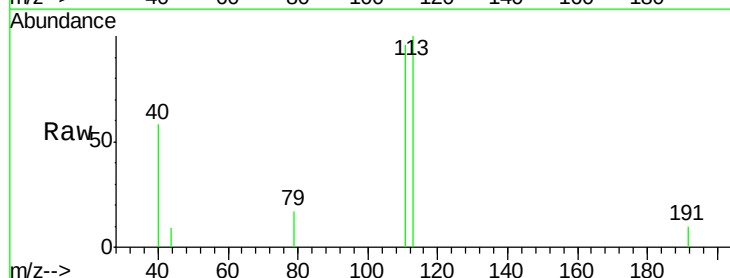


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

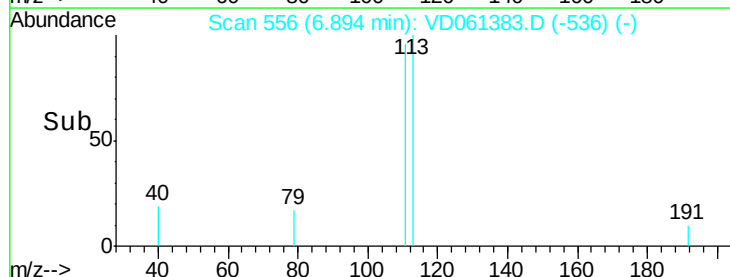
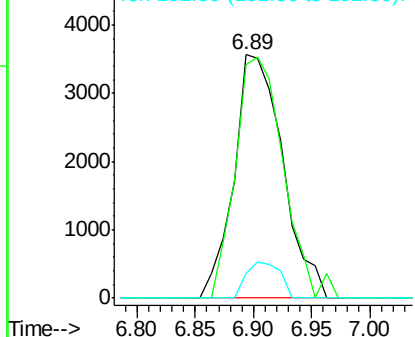


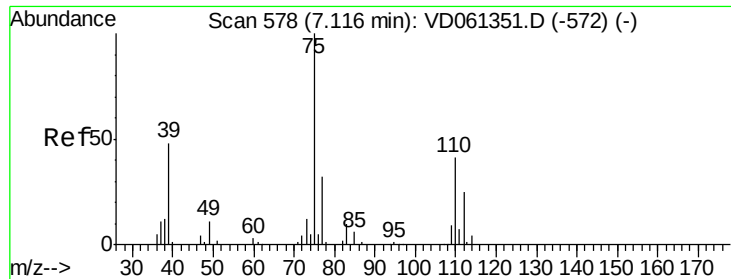
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.89 min Scan# 556
 Delta R.T. -0.01 min
 Lab File: VD061383.D
 Acq: 28 Mar 2019 7:20

Tgt Ion:113 Resp: 10338
 Ion Ratio Lower Upper
 113 100
 111 96.0 81.0 121.6
 192 10.0 14.4 21.6#



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

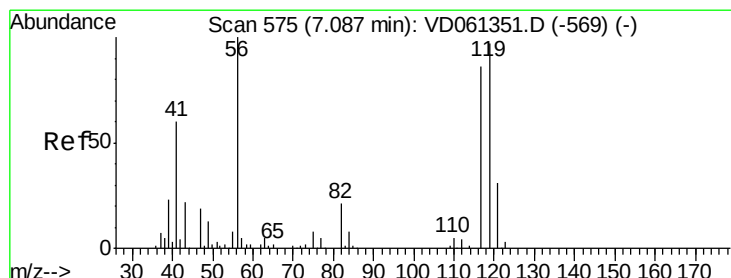
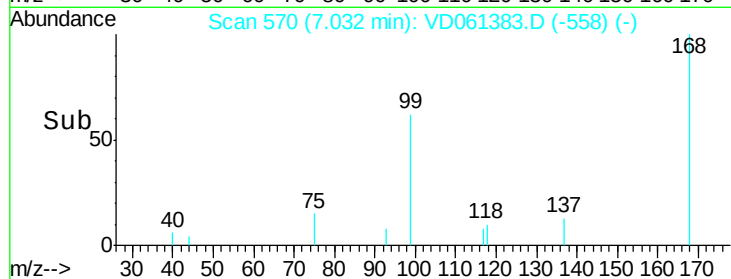
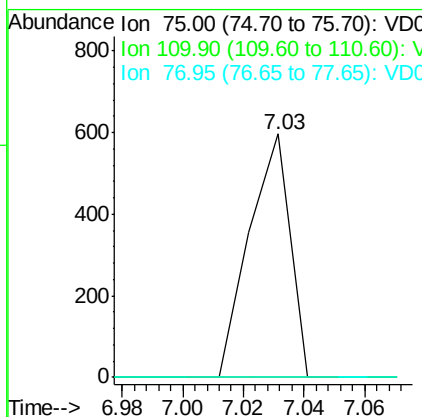
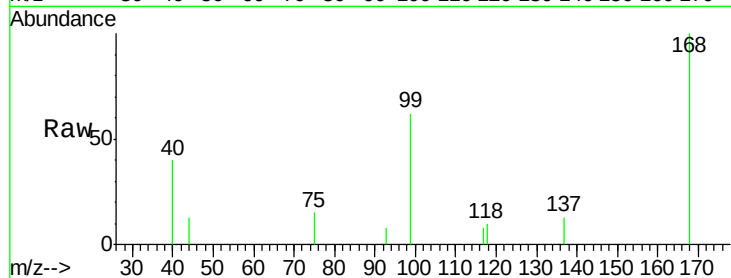




#36
 1,1-Dichloropropene
 Concen: 2.579 ug/l
 RT: 7.03 min Scan# 570
 Delta R.T. -0.08 min
 Lab File: VD061383.D
 Acq: 28 Mar 2019 7:20

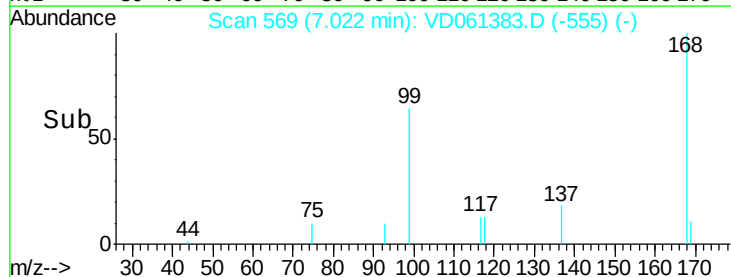
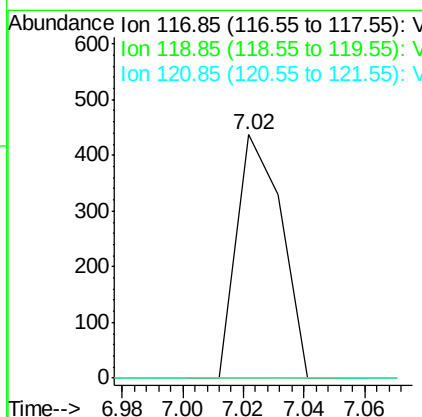
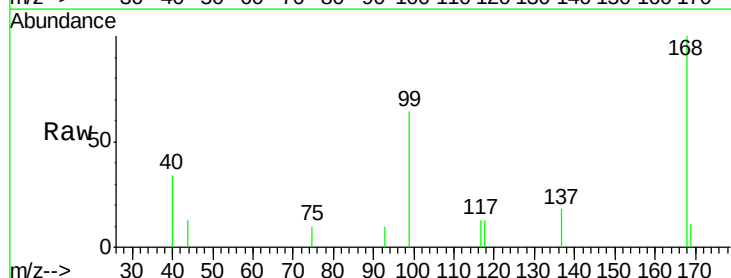
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

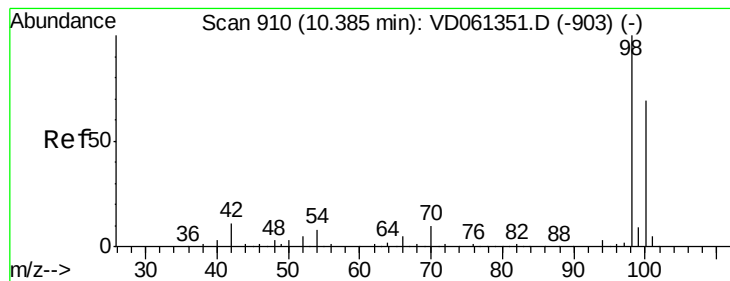
Tot Ion	Ratio	Lower	Upper
75	100		
110	0.0	20.4	61.3#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 1.818 ug/l
 RT: 7.02 min Scan# 569
 Delta R.T. -0.07 min
 Lab File: VD061383.D
 Acq: 28 Mar 2019 7:20

Tgt Ion	Ratio	Lower	Upper
117	100		
119	0.0	80.1	120.1#
121	0.0	25.6	38.4#





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.39 min Scan# 911

Delta R.T. 0.00 min

Lab File: VD061383.D

Acq: 28 Mar 2019 7:20

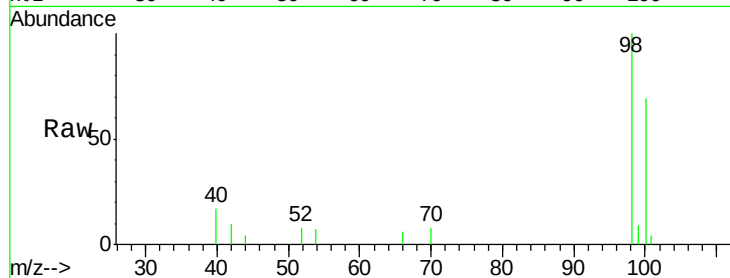
Instrument :
MSVOA_D
ClientSampleId :
TP-2

Tot Ion: 98 Resp: 18400

Ion Ratio Lower Upper

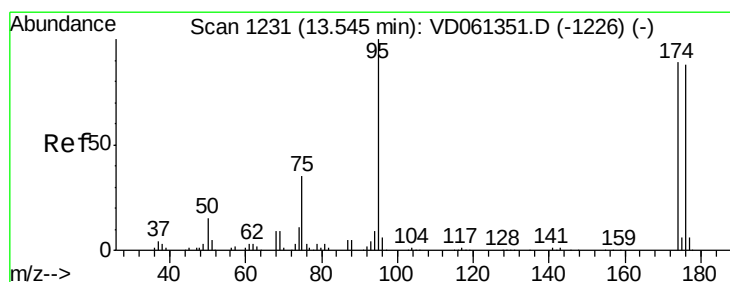
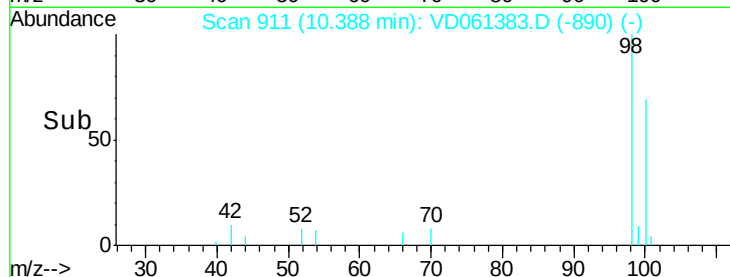
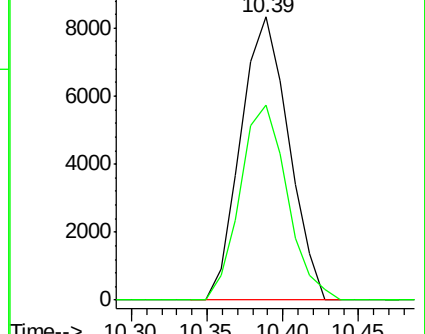
98 100

100 68.9 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): VD061351.D (-903) (-)

Ion 100.05 (99.75 to 100.75): VD061351.D (-903) (-)



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD061383.D

Acq: 28 Mar 2019 7:20

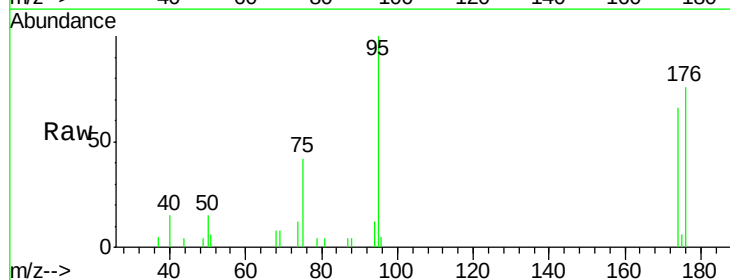
Tgt Ion: 95 Resp: 11346

Ion Ratio Lower Upper

95 100

174 65.8 0.0 178.0

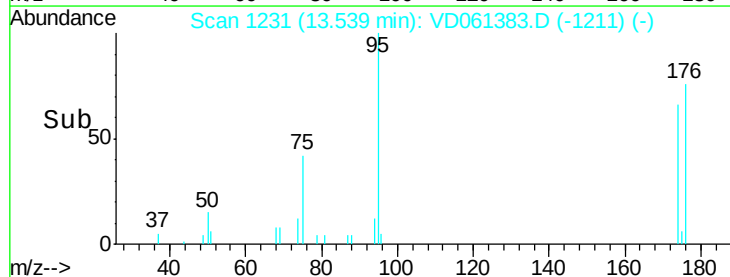
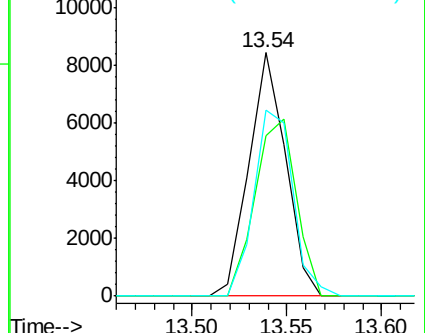
176 76.2 0.0 175.0

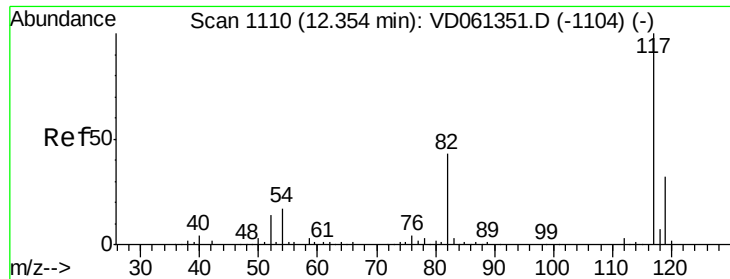


Abundance Ion 95.00 (94.70 to 95.70): VD061351.D (-1226) (-)

Ion 173.90 (173.60 to 174.60): VD061351.D (-1226) (-)

Ion 175.90 (175.60 to 176.60): VD061351.D (-1226) (-)

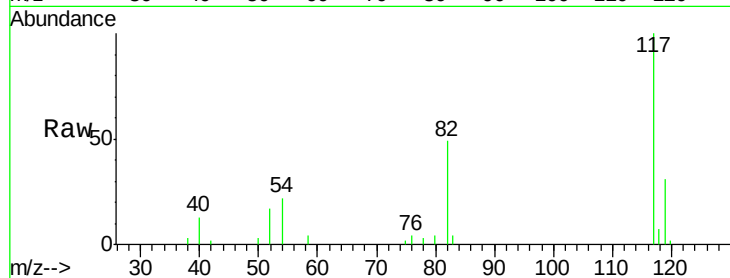




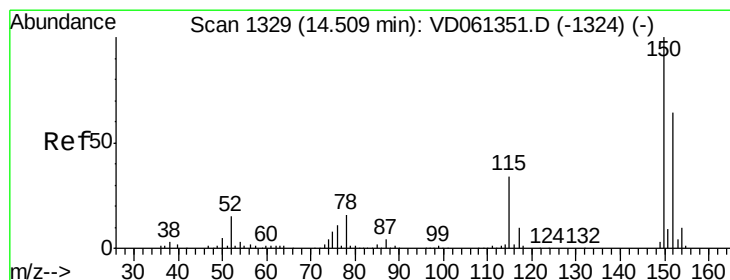
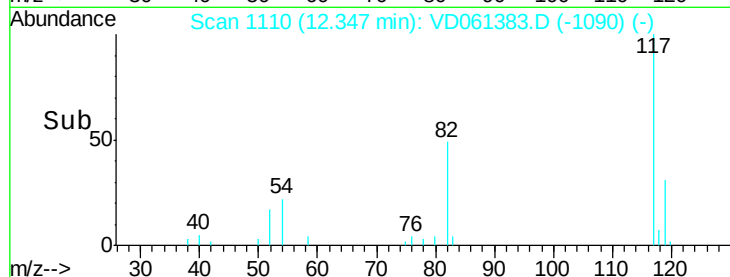
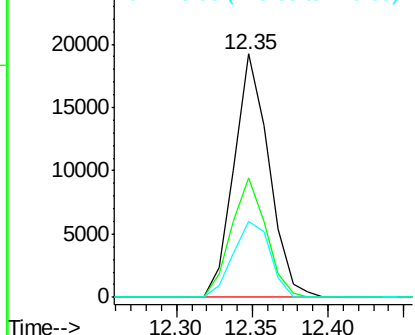
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VD061383.D
Acq: 28 Mar 2019 7:20

Instrument :
MSVOA_D
ClientSampled :
TP-2

Tot Ion:117 Resp: 30789
Ion Ratio Lower Upper
117 100
82 48.9 34.4 51.6
119 31.0 25.8 38.6

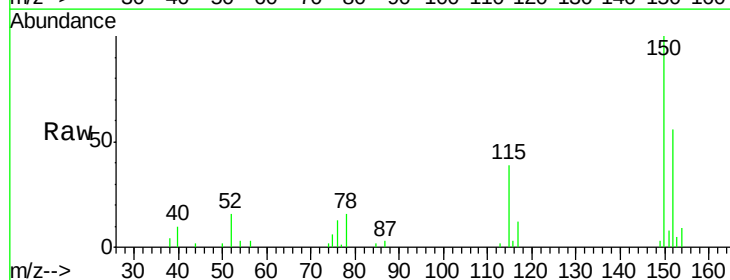


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

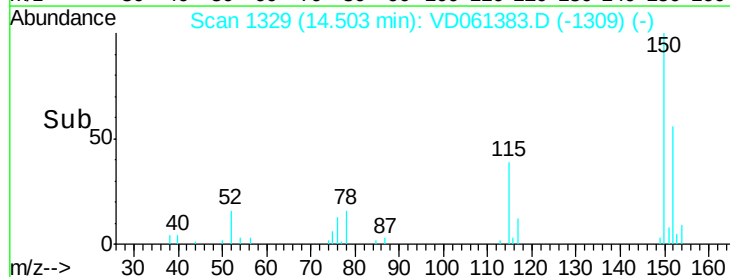
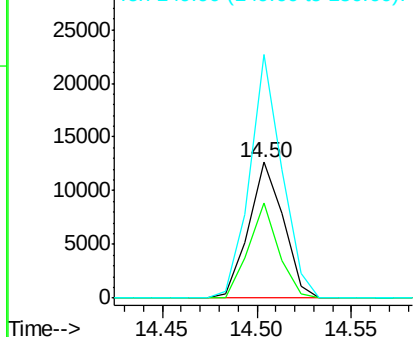


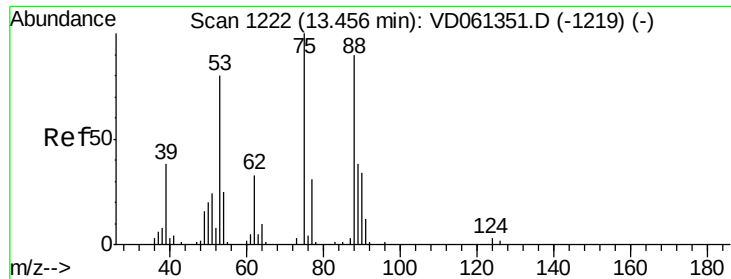
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.50 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD061383.D
Acq: 28 Mar 2019 7:20

Tgt Ion:152 Resp: 16113
Ion Ratio Lower Upper
152 100
115 70.5 26.9 80.6
150 179.5 0.0 318.0



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: 54.532 ug/l

RT: 13.54 min Scan# 1231

Delta R.T. 0.08 min

Lab File: VD061383.D

Acq: 28 Mar 2019 7:20

Instrument :

MSVOA_D

ClientSampleId :

TP-2

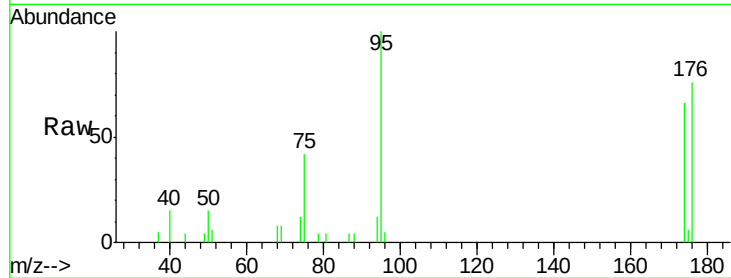
Tot Ion: 75 Resp: 3870

Ion Ratio Lower Upper

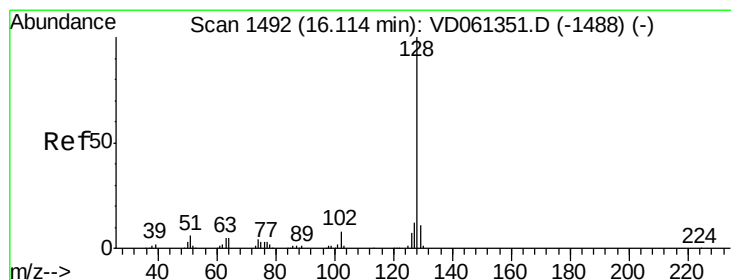
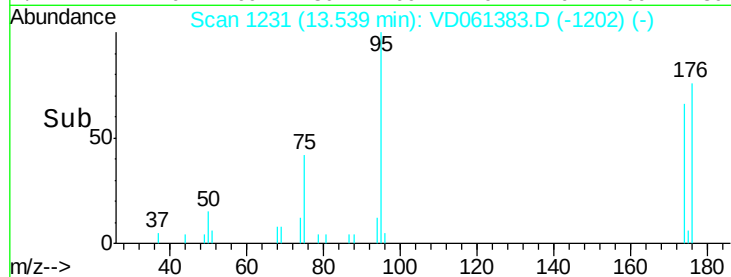
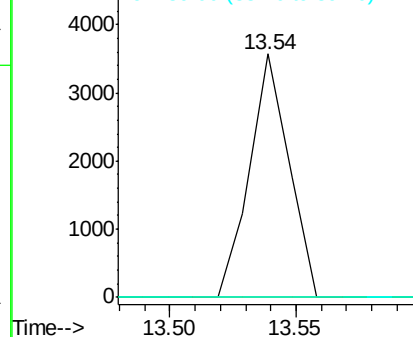
75 100

53 0.0 63.8 95.8#

89 0.0 30.5 45.7#



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



#95

Naphthalene

Concen: 2.143 ug/l

RT: 16.11 min Scan# 1492

Delta R.T. -0.01 min

Lab File: VD061383.D

Acq: 28 Mar 2019 7:20

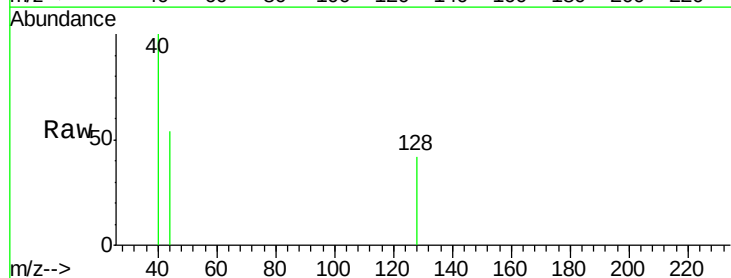
Tgt Ion: 128 Resp: 687

Ion Ratio Lower Upper

128 100

127 0.0 9.9 14.9#

129 0.0 8.9 13.3#



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

