

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD040419\
 Data File : VD061613.D
 Acq On : 5 Apr 2019 9:23
 Operator : VA/AP
 Sample : K2264-04
 Misc : 5.57g/5ml/MSVOA D/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 293-72-11966-238

Quant Time: Apr 05 23:20:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

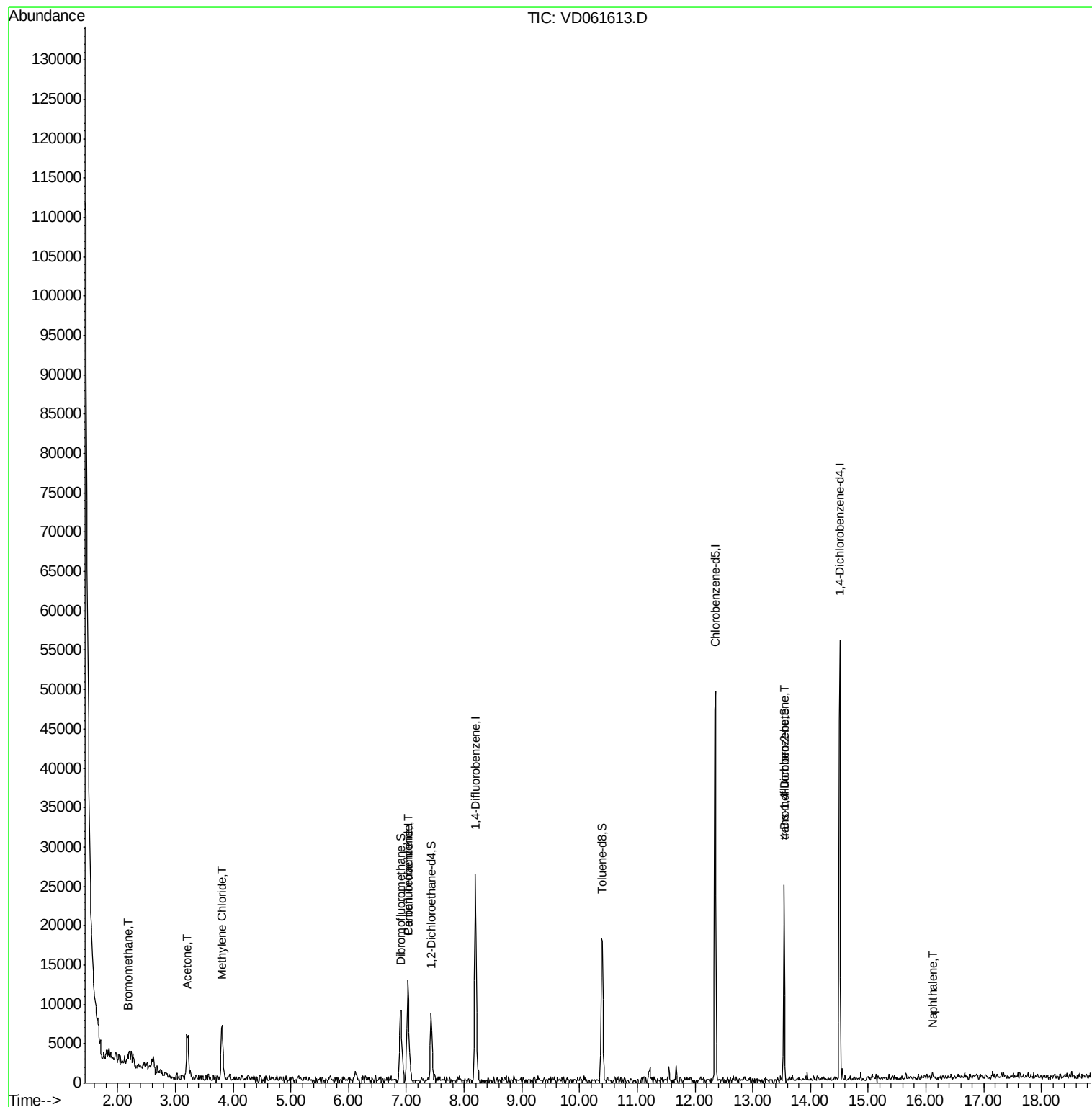
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	17068	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	35059	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	35120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	14463	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.42	65	9870	67.69	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	135.38%	
35) Dibromofluoromethane	6.91	113	10212	38.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.24%	
50) Toluene-d8	10.39	98	18948	29.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	58.98%	
62) 4-Bromofluorobenzene	13.54	95	9752	39.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.16%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.16	94	213	7.870	ug/l #	1
16) Acetone	3.20	43	11695	312.027	ug/l #	85
20) Methylene Chloride	3.81	84	5100	23.263	ug/l	90
38) Carbon Tetrachloride	7.02	117	783	2.227	ug/l #	10
81) trans-1,4-Dichloro-2-buten	13.53	75	3656	57.394	ug/l #	18
95) Naphthalene	16.11	128	298	1.035	ug/l #	70

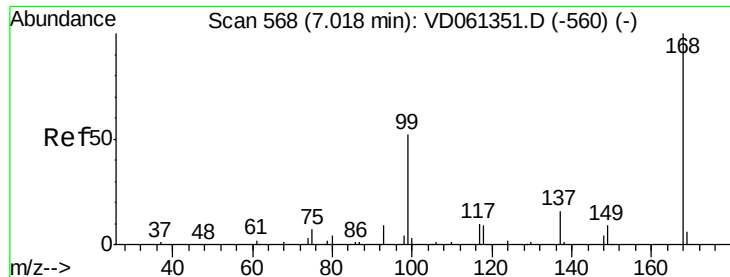
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 568

Delta R.T. -0.00 min

Lab File: VD061613.D

Acq: 5 Apr 2019 9:23

Instrument :

MSVOA_D

ClientSampleId :

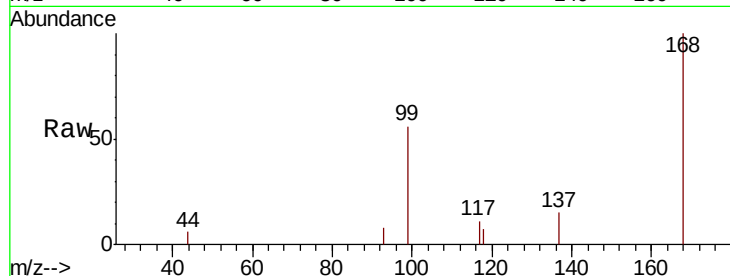
293-72-11966-238

Tot Ion:168 Resp: 17068

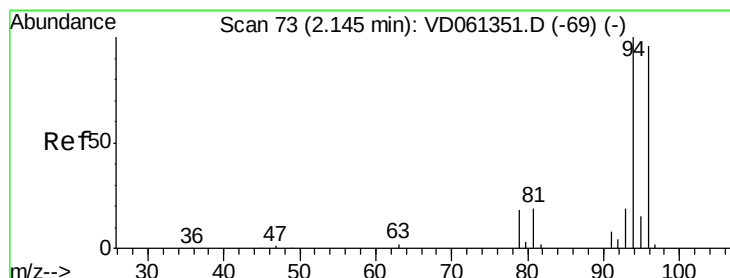
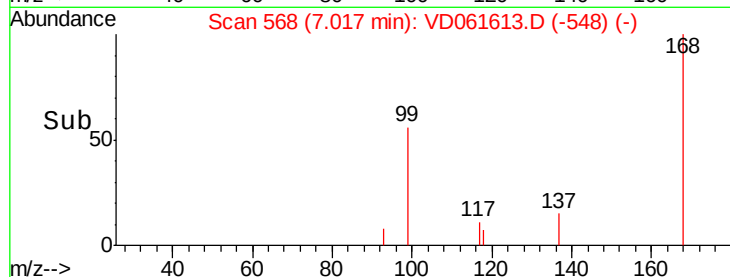
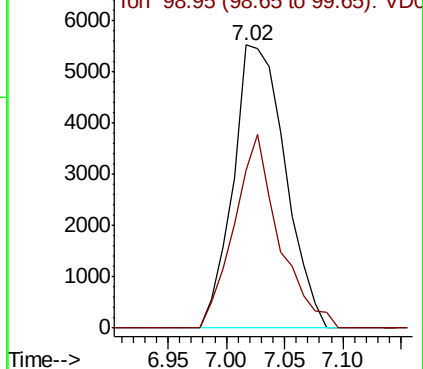
Ion Ratio Lower Upper

168 100

99 55.7 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V



#5

Bromomethane

Concen: 7.870 ug/l

RT: 2.16 min Scan# 75

Delta R.T. 0.02 min

Lab File: VD061613.D

Acq: 5 Apr 2019 9:23

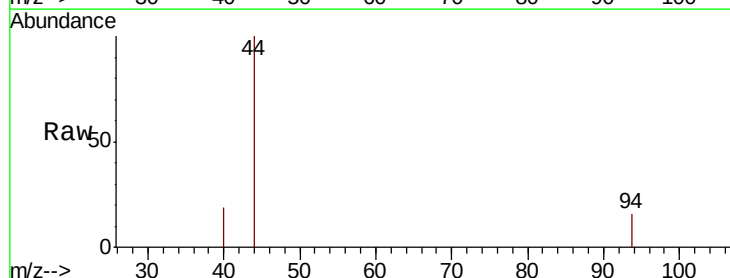
Tgt Ion: 94 Resp: 213

Ion Ratio Lower Upper

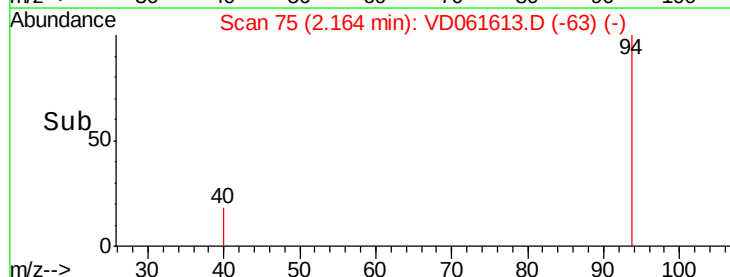
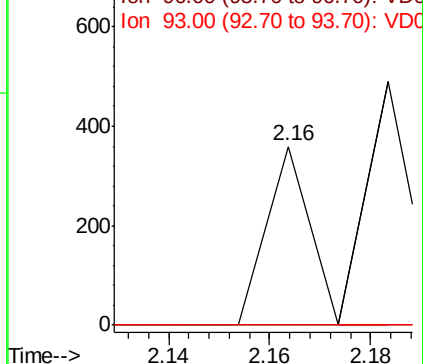
94 100

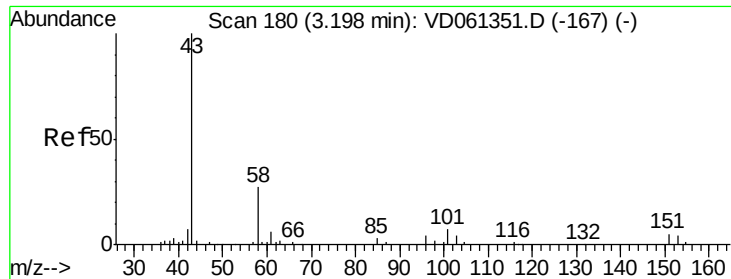
96 0.0 78.3 117.5#

93 100.0 15.6 23.4#



Abundance Ion 94.00 (93.70 to 94.70): VDC

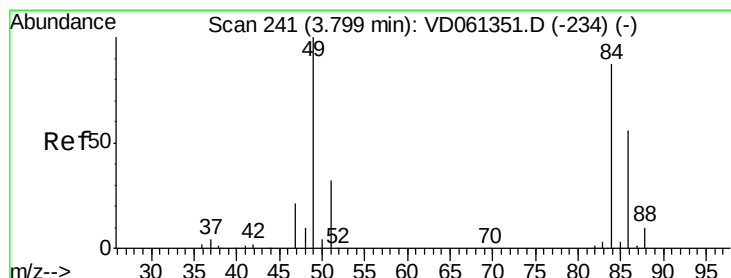
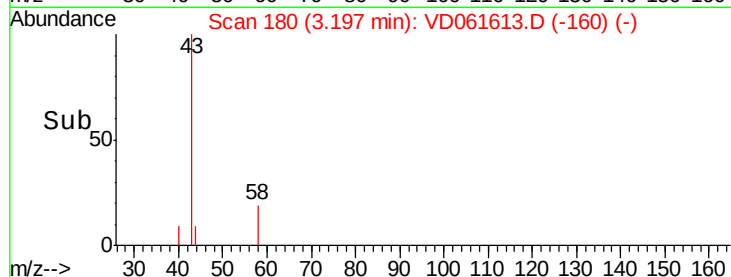
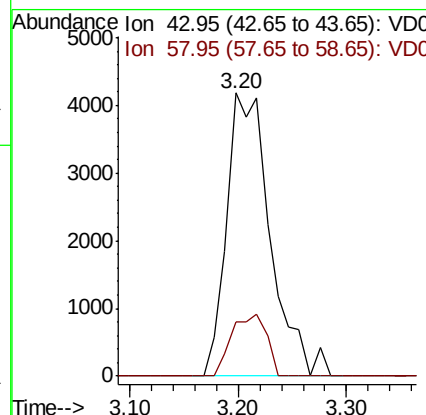
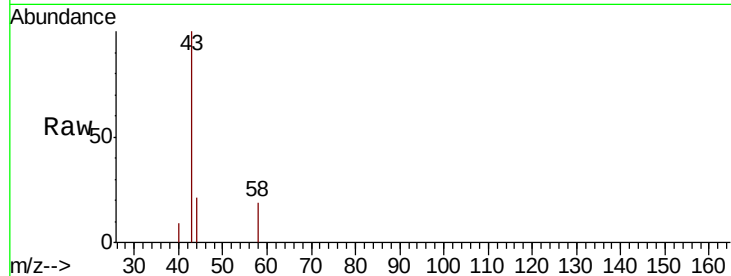




#16
Acetone
Concen: 312.027 ug/l
RT: 3.20 min Scan# 180
Delta R.T. -0.00 min
Lab File: VD061613.D
Acq: 5 Apr 2019 9:23

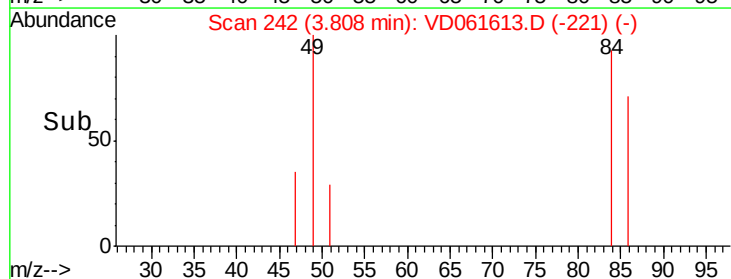
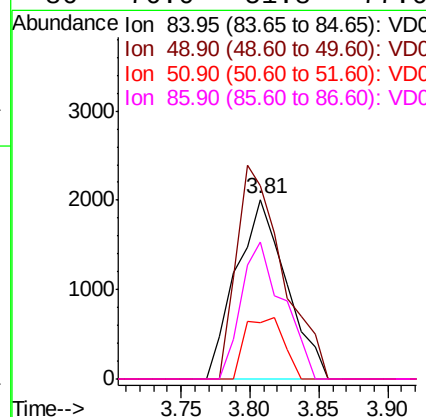
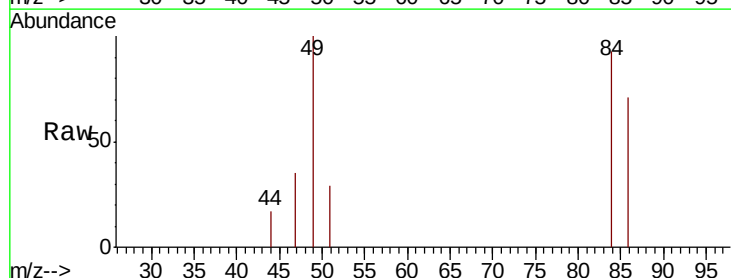
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MSVOA_D
ClientSampleId :
293-72-11966-238

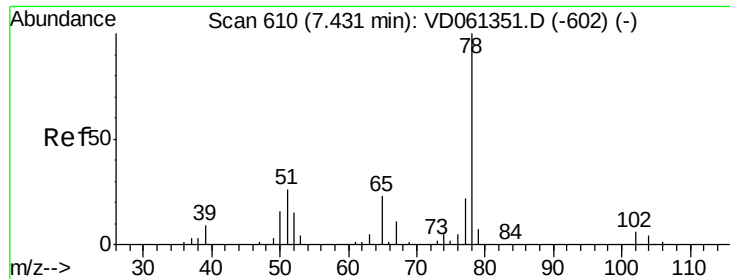
Tot Ion: 43 Resp: 11695
Ion Ratio Lower Upper
43 100
58 19.2 21.5 32.3#



#20
Methylene Chloride
Concen: 23.263 ug/l
RT: 3.81 min Scan# 242
Delta R.T. 0.01 min
Lab File: VD061613.D
Acq: 5 Apr 2019 9:23

Tgt Ion: 84 Resp: 5100
Ion Ratio Lower Upper
84 100
49 107.3 91.8 137.8
51 31.1 29.8 44.8
86 76.0 51.8 77.6

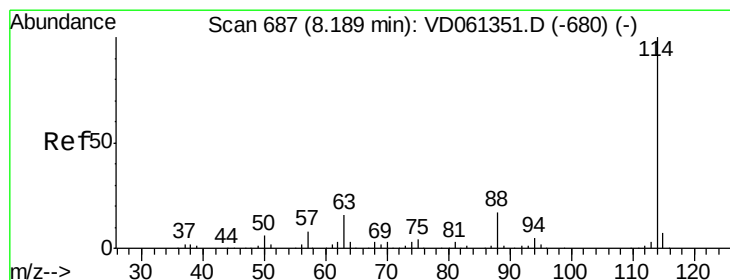
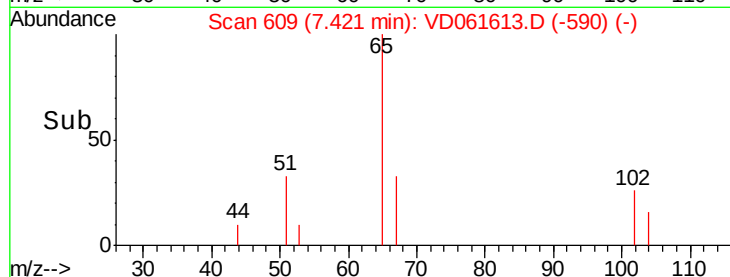
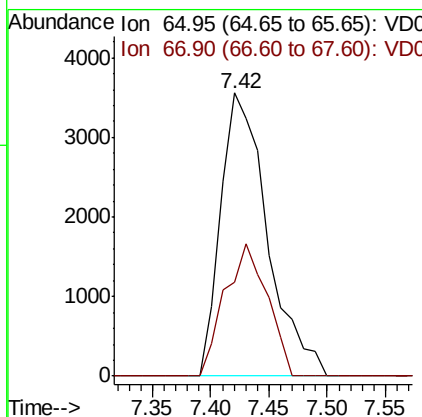
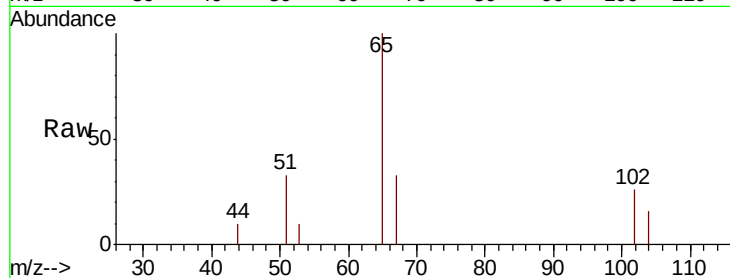




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.42 min Scan# 609
 Delta R.T. -0.01 min
 Lab File: VD061613.D
 Acq: 5 Apr 2019 9:23

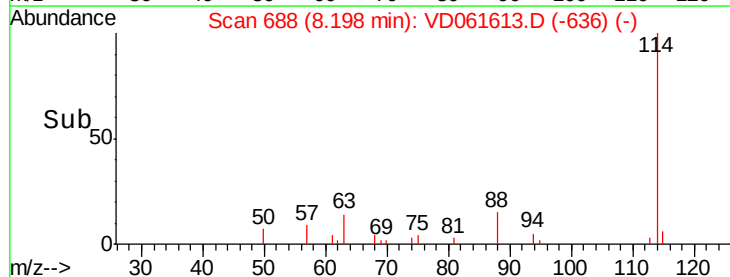
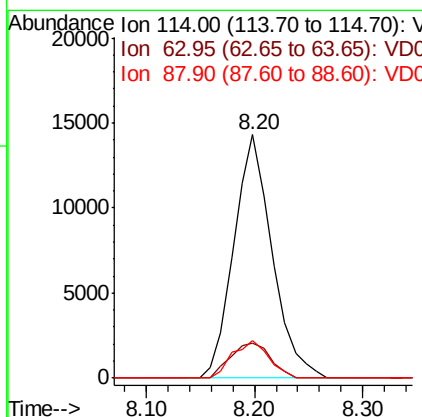
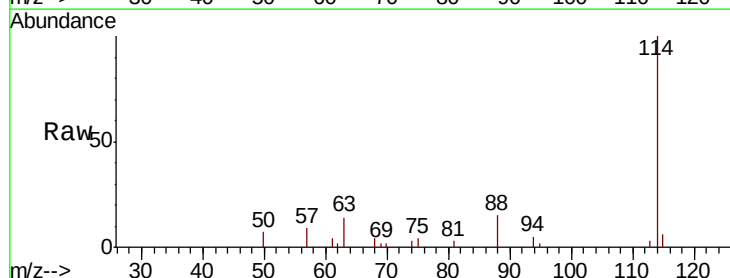
Instrument :
 MSVOA_D
 ClientSampleId :
 293-72-11966-238

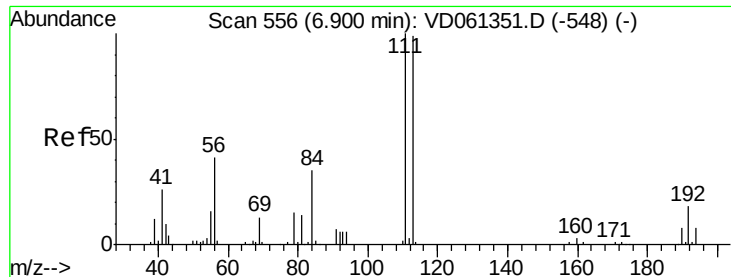
Tot Ion: 65 Resp: 9870
 Ion Ratio Lower Upper
 65 100
 67 33.0 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 688
 Delta R.T. 0.01 min
 Lab File: VD061613.D
 Acq: 5 Apr 2019 9:23

Tgt Ion: 114 Resp: 35059
 Ion Ratio Lower Upper
 114 100
 63 14.5 0.0 31.6
 88 15.5 0.0 33.4

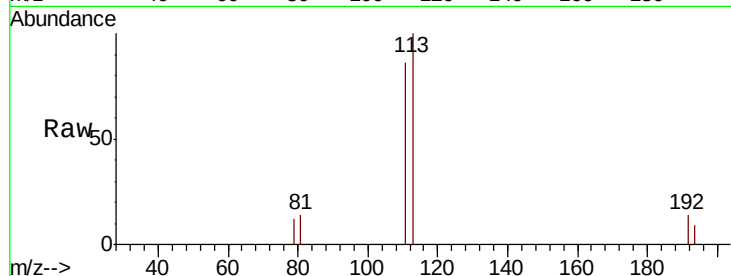




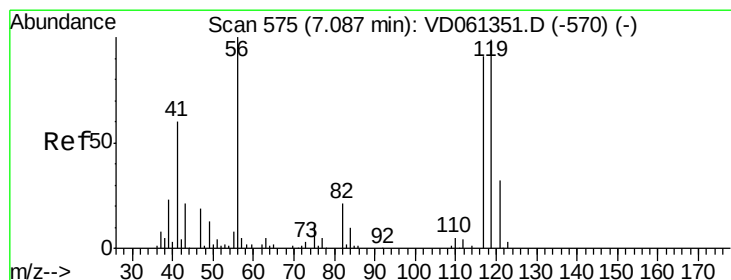
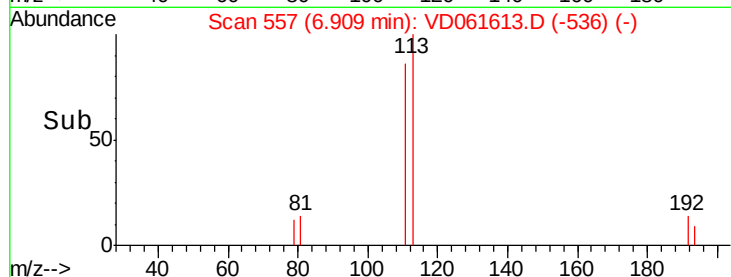
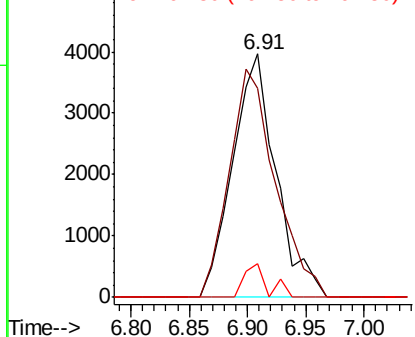
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. 0.01 min
 Lab File: VD061613.D
 Acq: 5 Apr 2019 9:23

Instrument :
 MSVOA_D
 ClientSampleId :
 293-72-11966-238

Tot Ion:113 Resp: 10212
 Ion Ratio Lower Upper
 113 100
 111 85.8 81.0 121.6
 192 13.6 14.4 21.6#

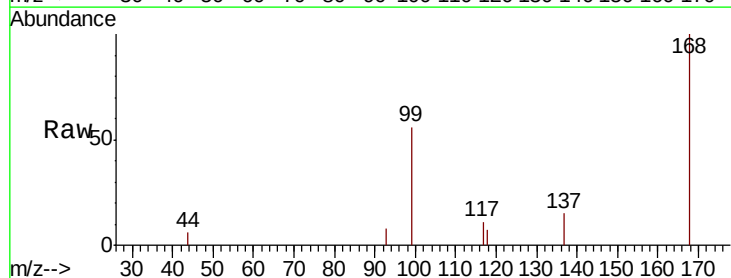


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

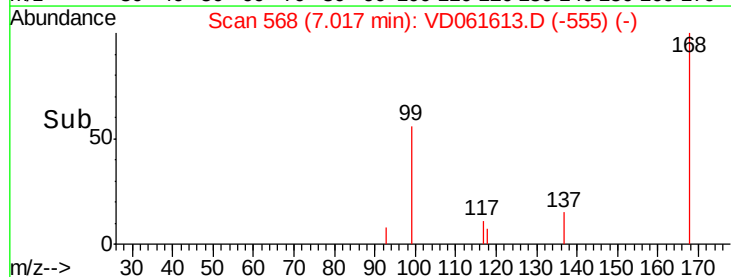
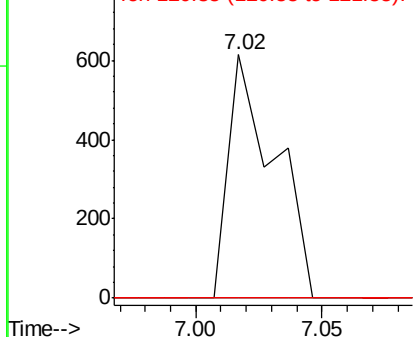


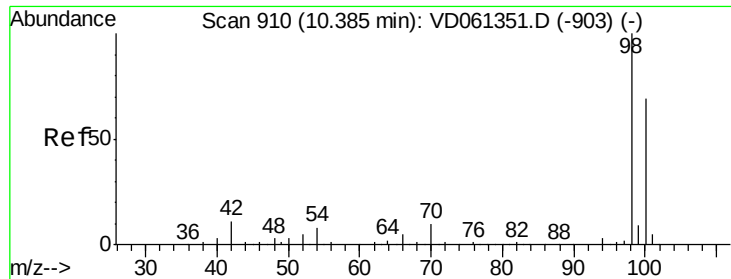
#38
 Carbon Tetrachloride
 Concen: 2.227 ug/l
 RT: 7.02 min Scan# 568
 Delta R.T. -0.07 min
 Lab File: VD061613.D
 Acq: 5 Apr 2019 9:23

Tgt Ion:117 Resp: 783
 Ion Ratio Lower Upper
 117 100
 119 0.0 80.1 120.1#
 121 0.0 25.6 38.4#



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

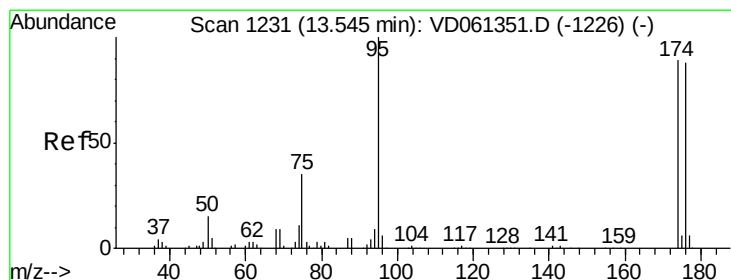
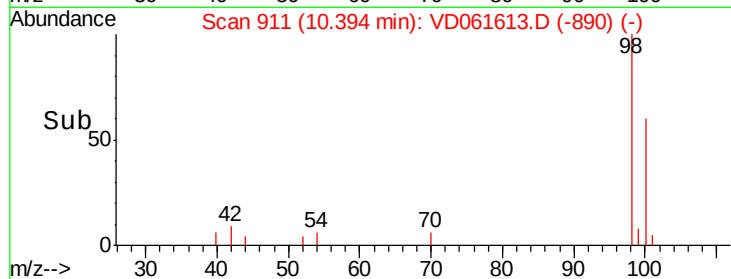
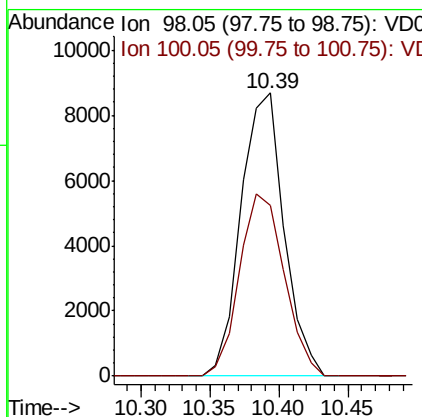
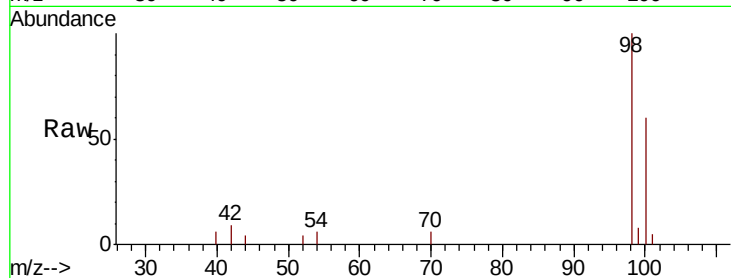




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.39 min Scan# 911
Delta R.T. 0.01 min
Lab File: VD061613.D
Acq: 5 Apr 2019 9:23

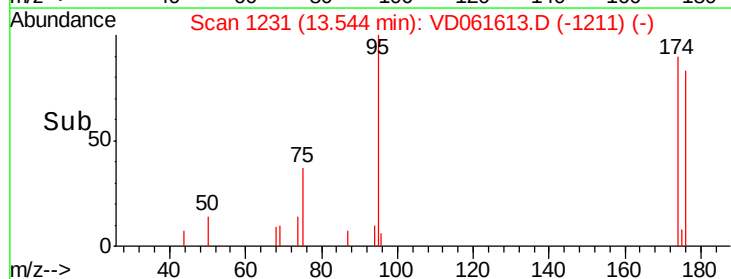
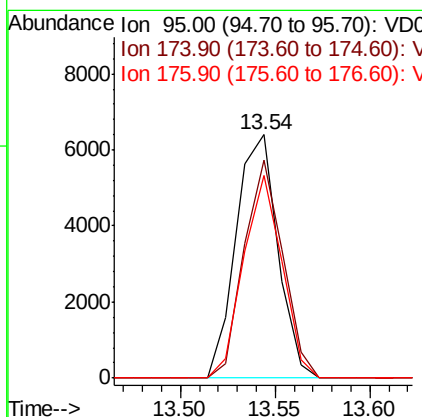
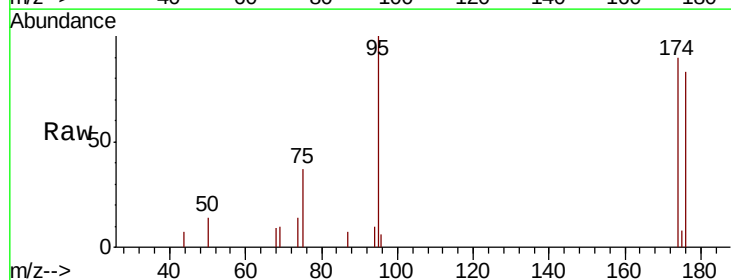
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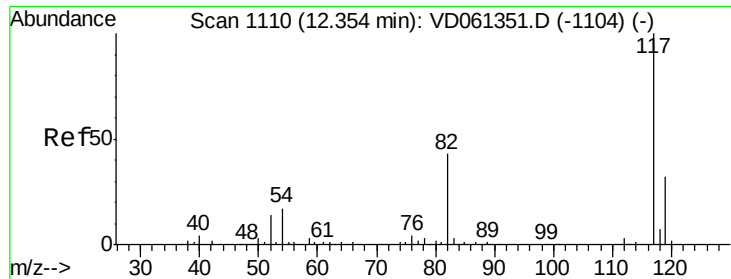
Tot Ion: 98 Resp: 18948
Ion Ratio Lower Upper
98 100
100 60.3 56.2 84.2



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VD061613.D
Acq: 5 Apr 2019 9:23

Tgt Ion: 95 Resp: 9752
Ion Ratio Lower Upper
95 100
174 89.7 0.0 178.0
176 83.5 0.0 175.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.35 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD061613.D

Acq: 5 Apr 2019 9:23

Instrument :

MSVOA_D

ClientSampleId :

293-72-11966-238

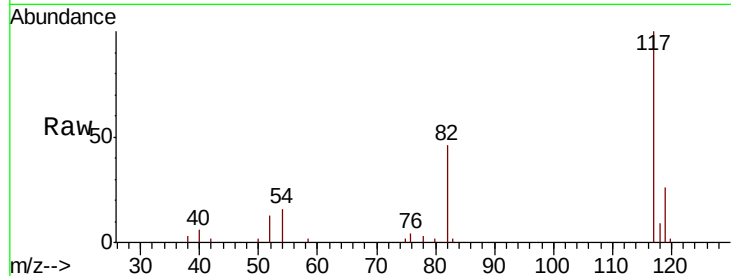
Tot Ion:117 Resp: 35120

Ion Ratio Lower Upper

117 100

82 45.6 34.4 51.6

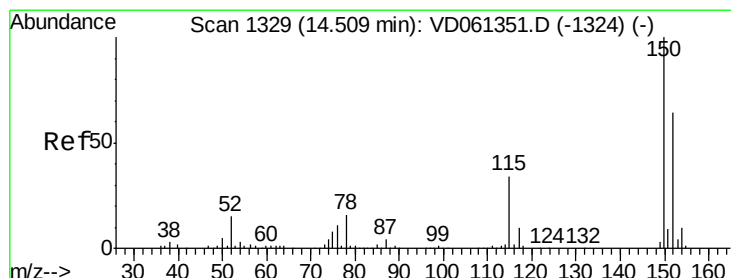
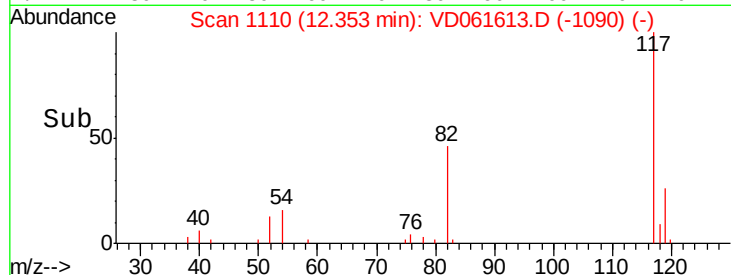
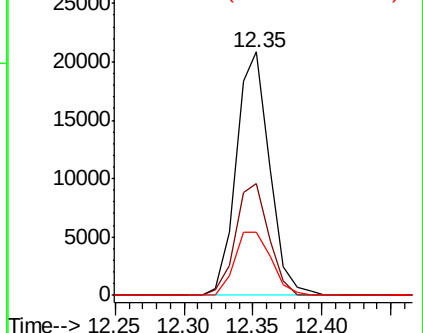
119 26.1 25.8 38.6



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: 14.51 min Scan# 1329

Delta R.T. -0.00 min

Lab File: VD061613.D

Acq: 5 Apr 2019 9:23

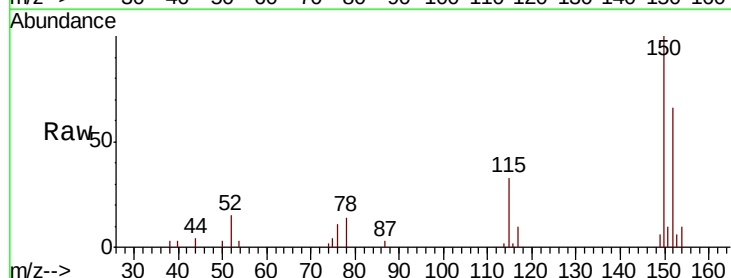
Tgt Ion:152 Resp: 14463

Ion Ratio Lower Upper

152 100

115 49.3 26.9 80.6

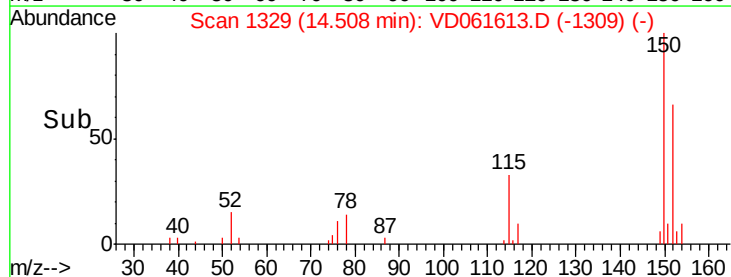
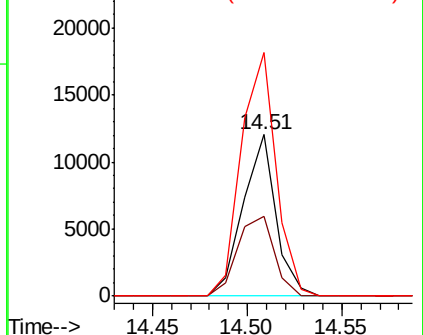
150 151.1 0.0 318.0

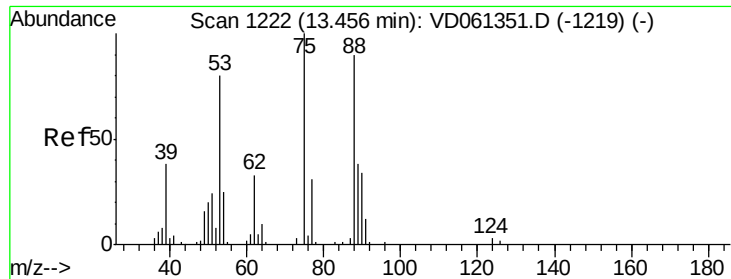


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V

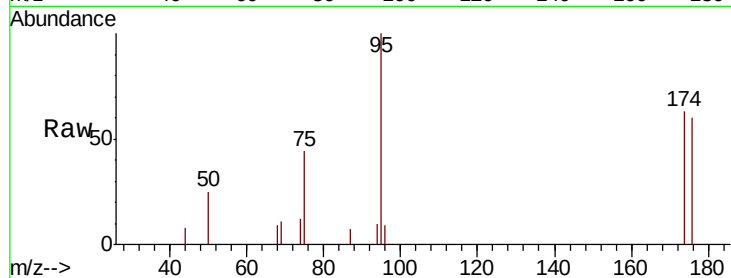




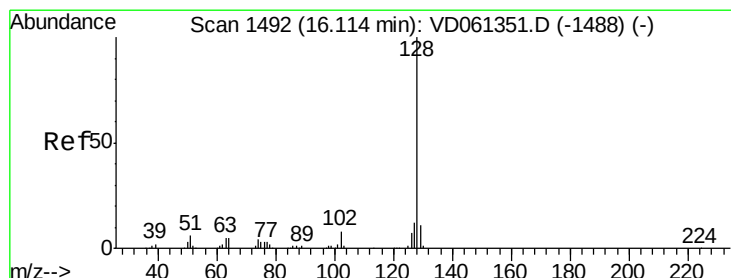
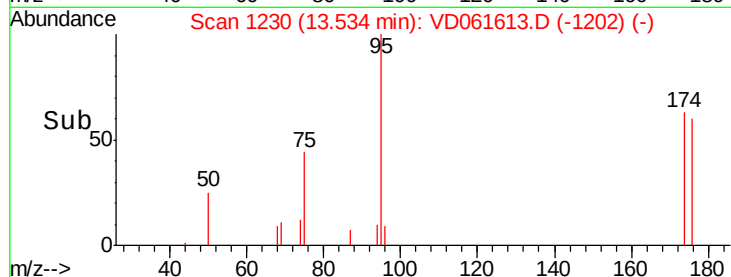
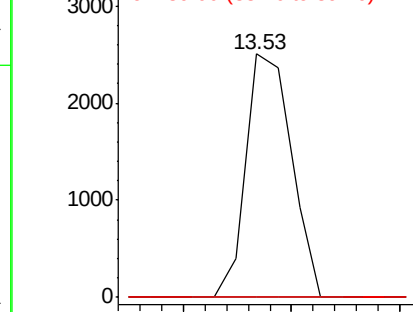
#81
trans-1,4-Dichloro-2-butene
Concen: 57.394 ug/l
RT: 13.53 min Scan# 1230
Delta R.T. 0.08 min
Lab File: VD061613.D
Acq: 5 Apr 2019 9:23

Instrument :
MSVOA_D
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293-72-11966-238

Tot Ion: 75 Resp: 3656
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.8#
89 0.0 30.5 45.7#

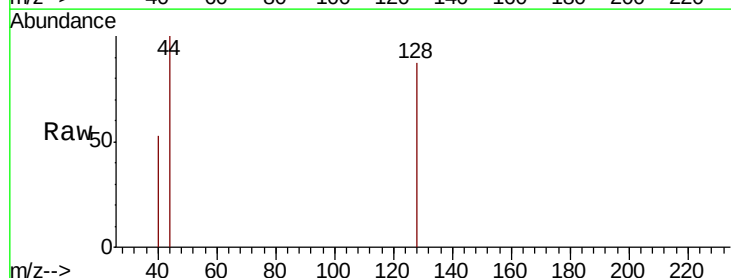


Abundance Ion 75.00 (74.70 to 75.70): V
Ion 53.00 (52.70 to 53.70): V
Ion 89.00 (88.70 to 89.70): V



#95
Naphthalene
Concen: 1.035 ug/l
RT: 16.11 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VD061613.D
Acq: 5 Apr 2019 9:23

Tgt Ion: 128 Resp: 298
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

