

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091718\
 Data File : VD060019.D
 Acq On : 17 Sep 2018 14:13
 Operator : JC/SY
 Sample : J4775-05RE
 Misc : 6.78g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-091418-ARE

Quant Time: Sep 17 16:48:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 13 16:17:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1177698	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.43	114	1737165	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.28	117	1112026	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	311653	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.77	65	443391	48.28	ug/l	0.00
Spiked Amount			Recovery	=	96.56%	
35) Dibromofluoromethane	6.31	113	547026	40.31	ug/l	0.00
Spiked Amount			Recovery	=	80.62%	
50) Toluene-d8	9.45	98	1311972	34.88	ug/l	0.00
Spiked Amount			Recovery	=	69.76%	
62) 4-Bromofluorobenzene	12.42	95	364295	25.35	ug/l	0.00
Spiked Amount			Recovery	=	50.70%	

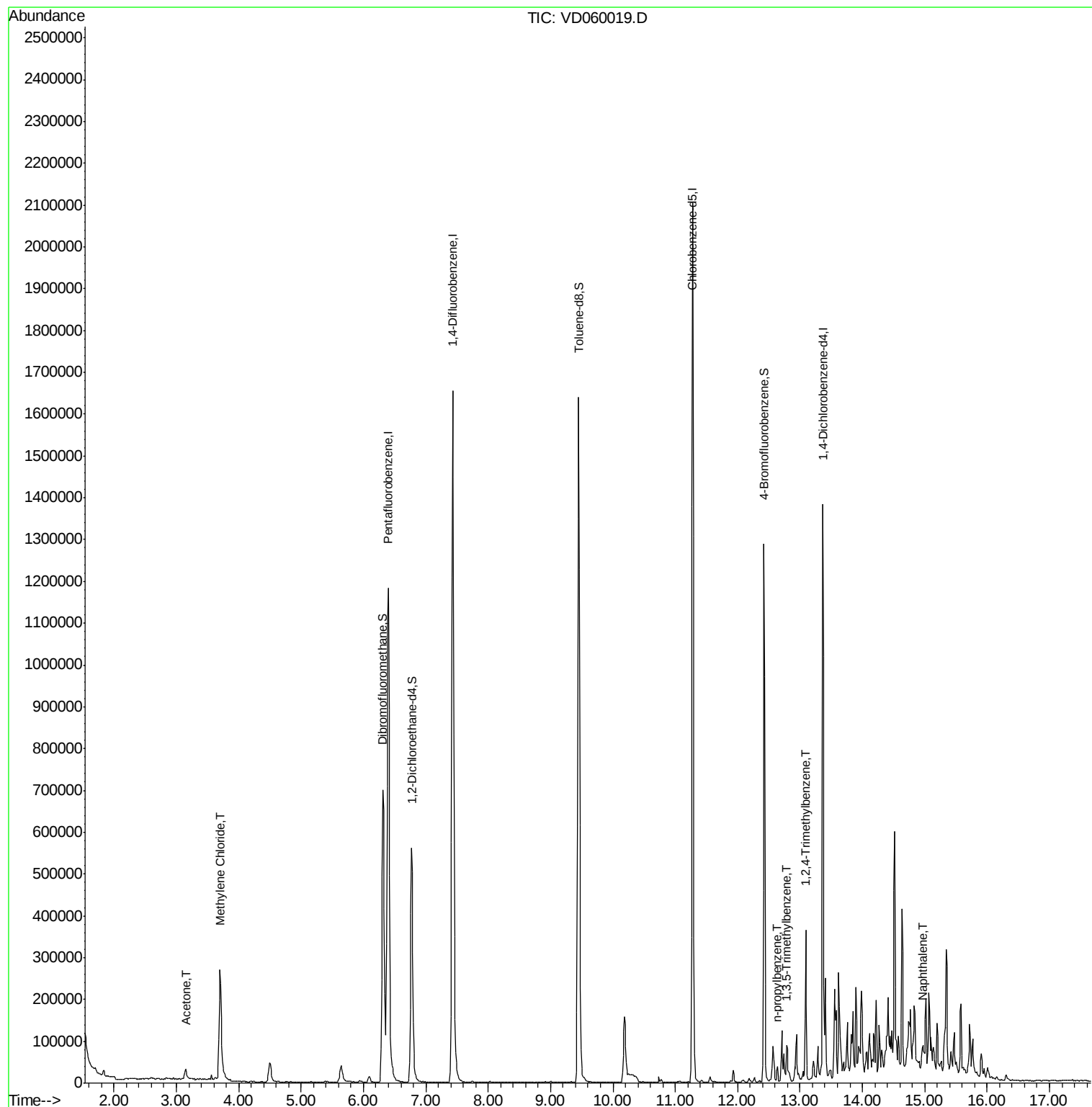
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	3.15	43	49700	28.03	ug/l	98
20) Methylene Chloride	3.70	84	159285	6.33	ug/l	96
78) n-propylbenzene	12.64	91	25708	1.00	ug/l	99
80) 1,3,5-Trimethylbenzene	12.79	105	38093	2.43	ug/l	100
84) 1,2,4-Trimethylbenzene	13.09	105	147651	8.83	ug/l	99
95) Naphthalene	14.96	128	28508	2.53	ug/l	98

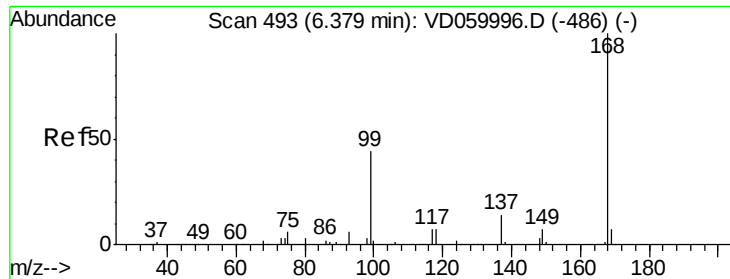
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091718\
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OR-03-091418-ARE

Quant Time: Sep 17 16:48:01 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 13 16:17:40 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.40 min Scan# 495

Delta R.T. 0.02 min

Lab File: VD060019.D

Acq: 17 Sep 2018 14:13

Instrument :

MSVOA_D

ClientSampleId :

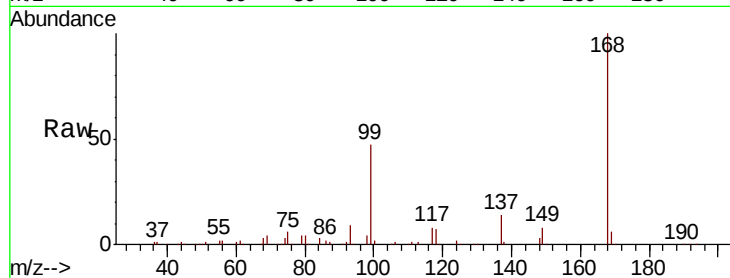
OR-03-091418-ARE

Tot Ion:168 Resp: 1177698

Ion Ratio Lower Upper

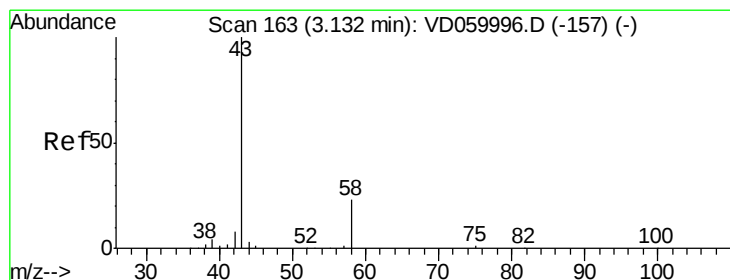
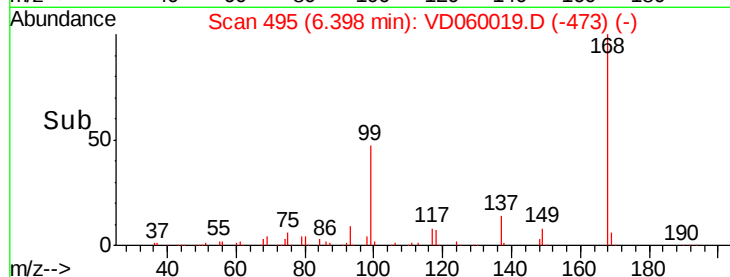
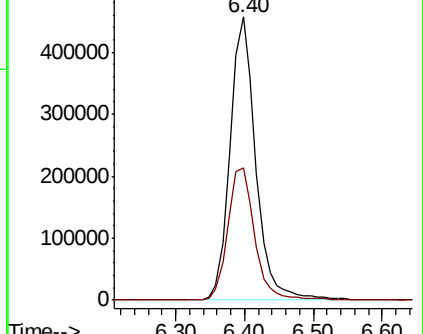
168 100

99 46.9 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 28.03 ug/l

RT: 3.15 min Scan# 165

Delta R.T. 0.02 min

Lab File: VD060019.D

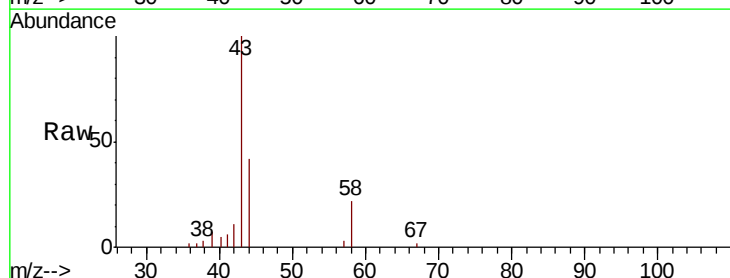
Acq: 17 Sep 2018 14:13

Tgt Ion: 43 Resp: 49700

Ion Ratio Lower Upper

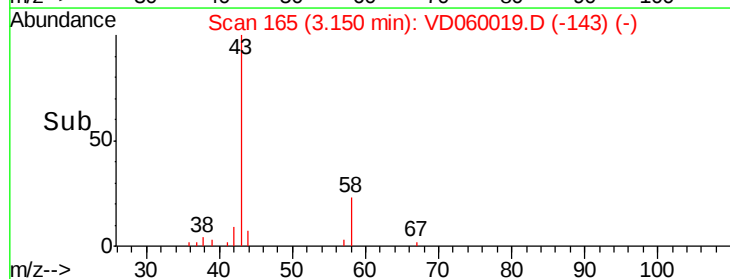
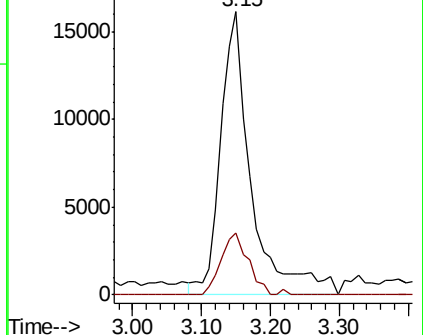
43 100

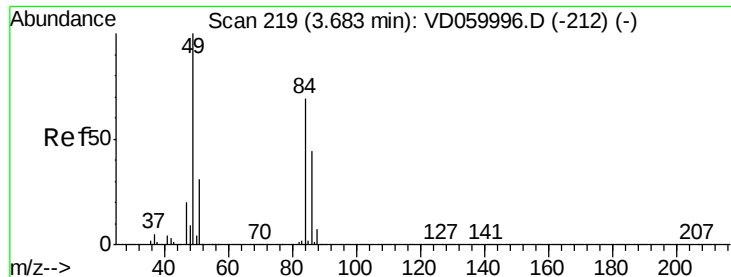
58 21.9 18.1 27.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

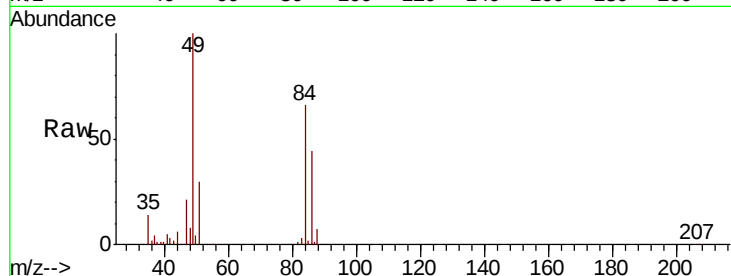




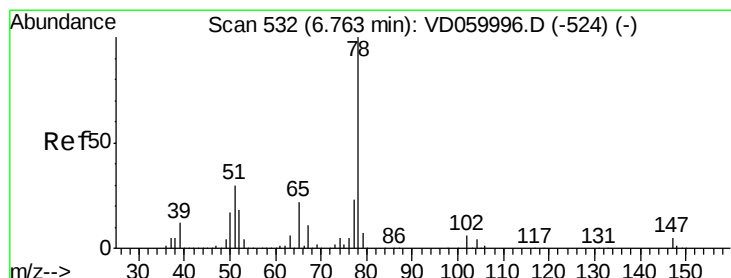
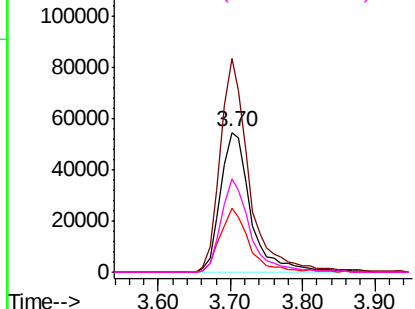
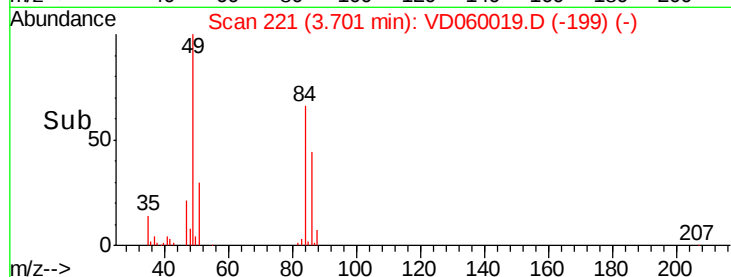
#20
Methvlene Chloride
Concen: 6.33 ug/l
RT: 3.70 min Scan# 221
Delta R.T. 0.02 min
Lab File: VD060019.D
Acq: 17 Sep 2018 14:13

Instrument :
MSVOA_D
ClientSampleId :
OR-03-091418-ARE

Tot Ion: 84 Resp: 159285
Ion Ratio Lower Upper
84 100
49 152.6 116.6 175.0
51 46.0 35.9 53.9
86 66.5 51.8 77.6

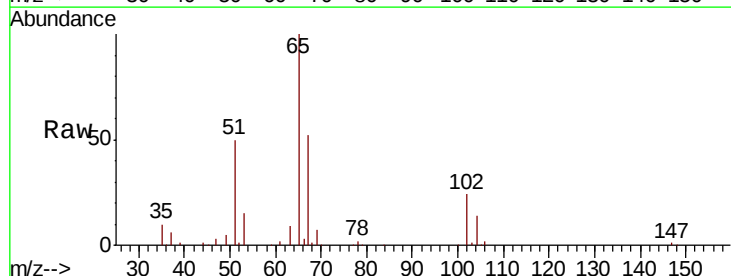


Abundance Ion 83.95 (83.65 to 84.65): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

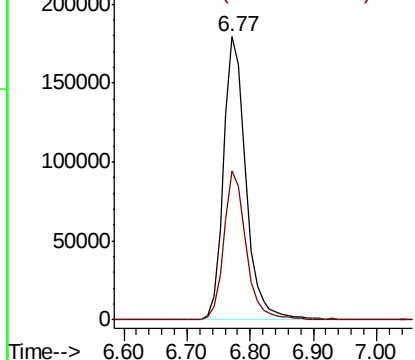
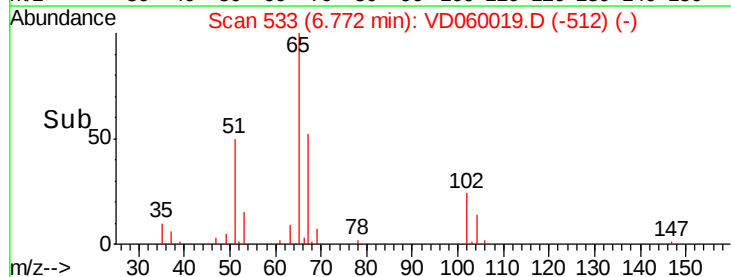


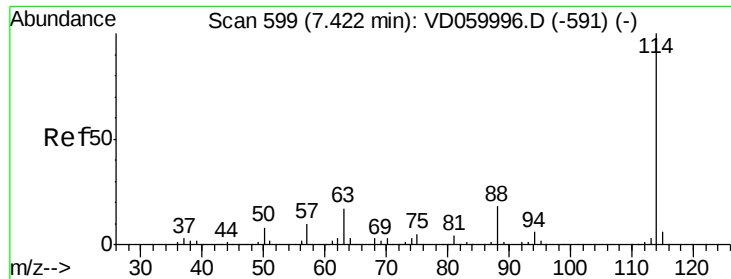
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.77 min Scan# 533
Delta R.T. 0.01 min
Lab File: VD060019.D
Acq: 17 Sep 2018 14:13

Tgt Ion: 65 Resp: 443391
Ion Ratio Lower Upper
65 100
67 52.5 0.0 104.8



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

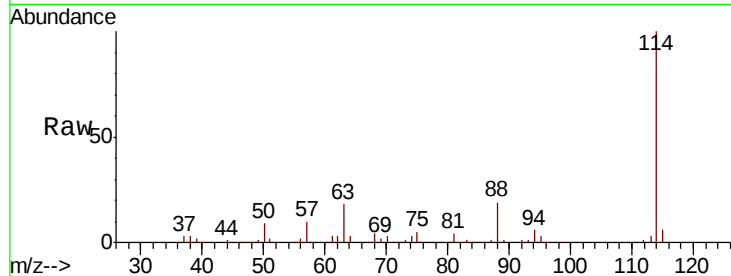




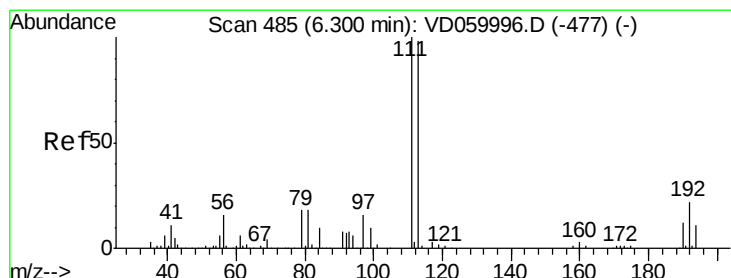
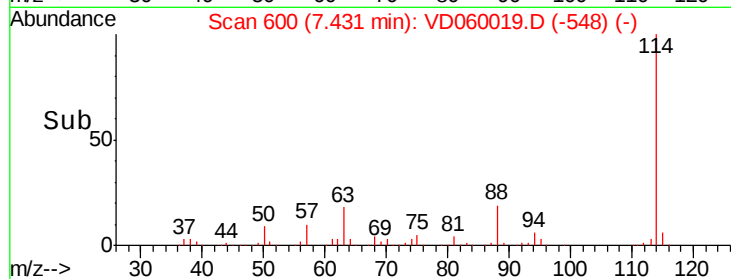
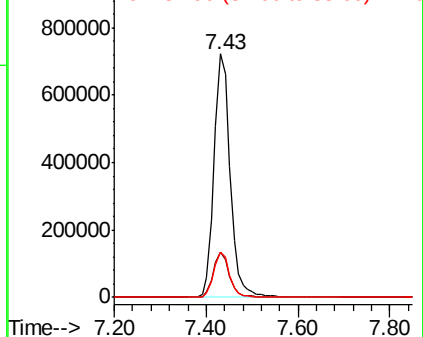
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 7.43 min Scan# 600
 Delta R.T. 0.01 min
 Lab File: VD060019.D
 Acq: 17 Sep 2018 14:13

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-091418-ARE

Tot Ion:114 Resp: 1737165
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 34.4
 88 18.6 0.0 35.8

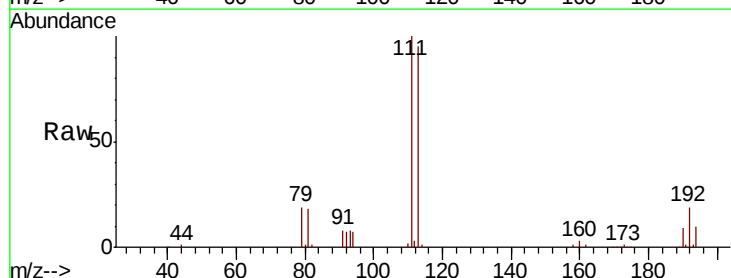


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

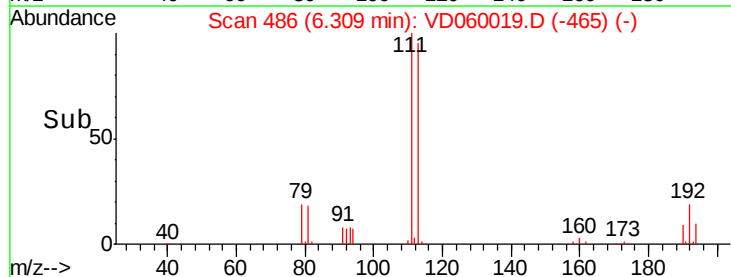
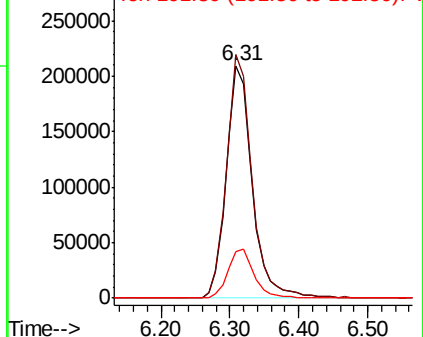


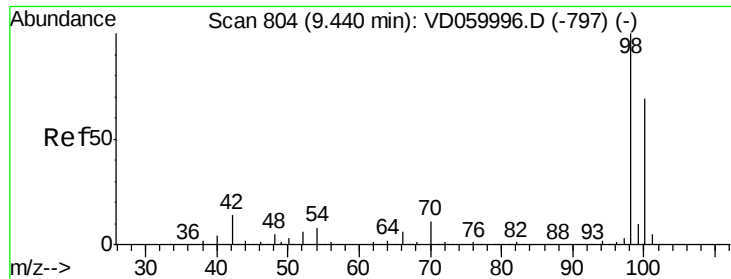
#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 6.31 min Scan# 486
 Delta R.T. 0.01 min
 Lab File: VD060019.D
 Acq: 17 Sep 2018 14:13

Tgt Ion:113 Resp: 547026
 Ion Ratio Lower Upper
 113 100
 111 104.8 81.3 121.9
 192 20.3 18.1 27.1



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





#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.45 min Scan# 805

Delta R.T. 0.01 min

Lab File: VD060019.D

Acq: 17 Sep 2018 14:13

Instrument :

MSVOA_D

ClientSampleId :

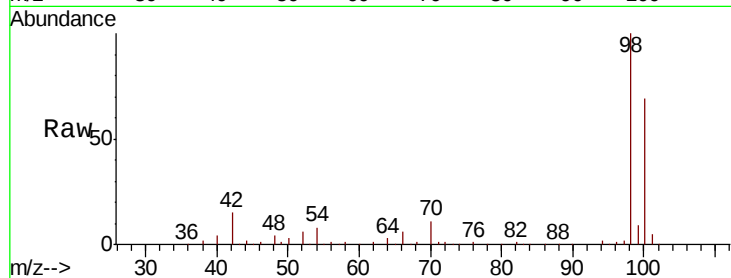
OR-03-091418-ARE

Tot Ion: 98 Resp: 1311972

Ion Ratio Lower Upper

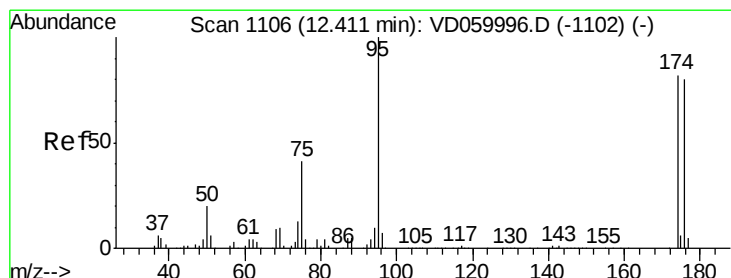
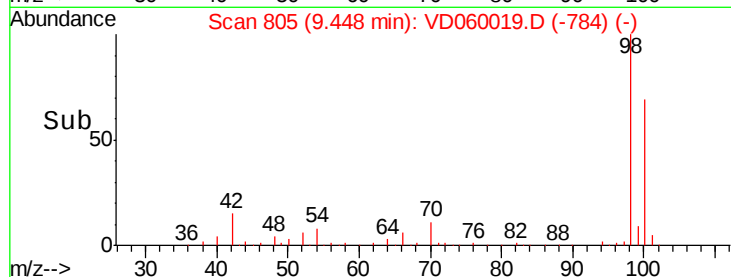
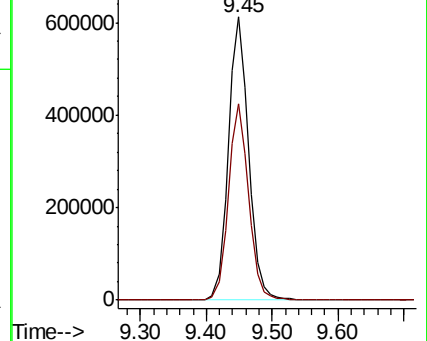
98 100

100 69.5 55.8 83.6



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.42 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VD060019.D

Acq: 17 Sep 2018 14:13

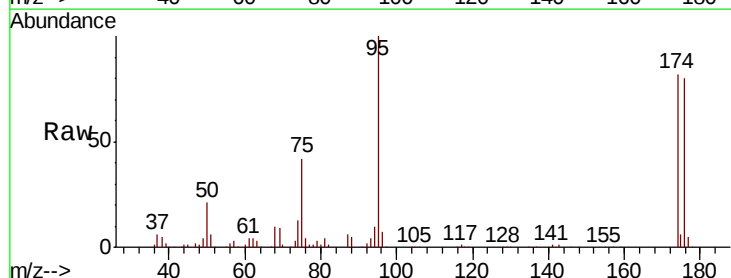
Tgt Ion: 95 Resp: 364295

Ion Ratio Lower Upper

95 100

174 81.9 0.0 165.0

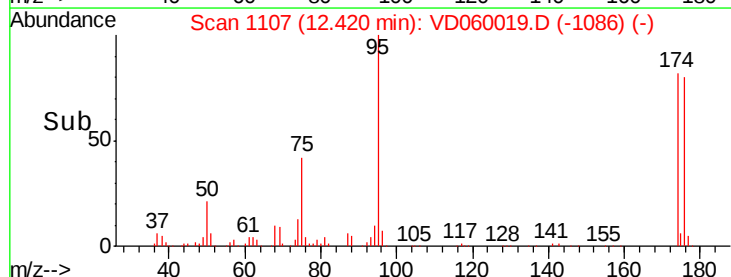
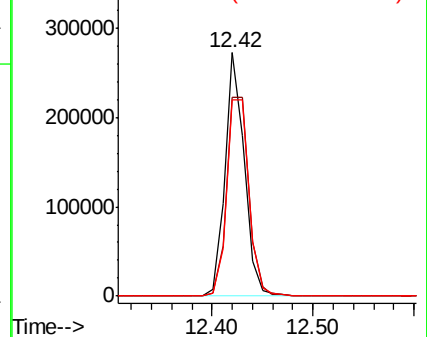
176 80.4 0.0 160.2

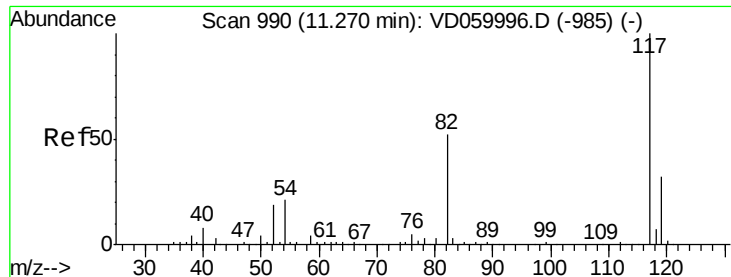


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

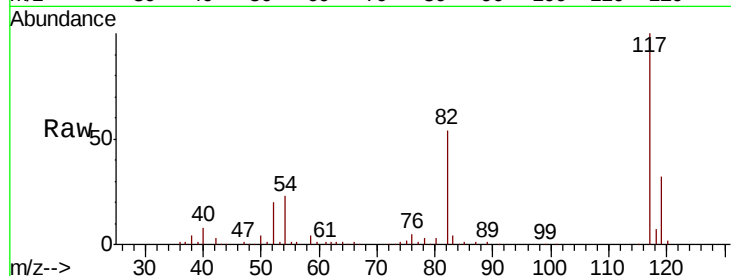




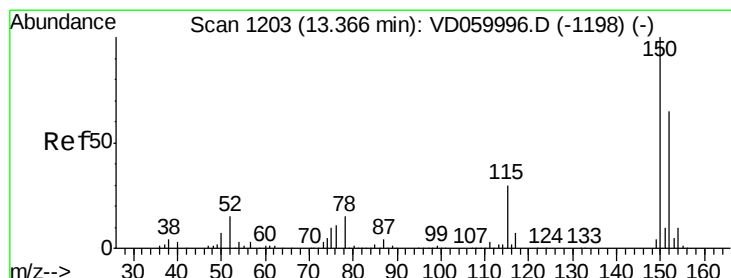
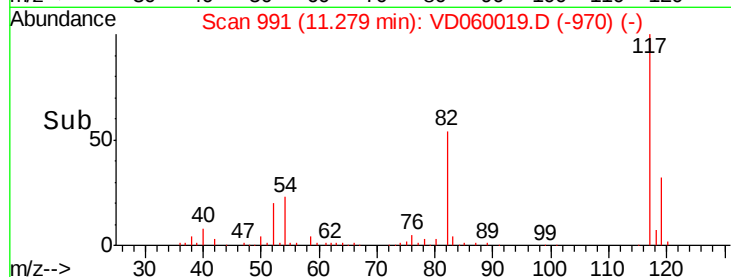
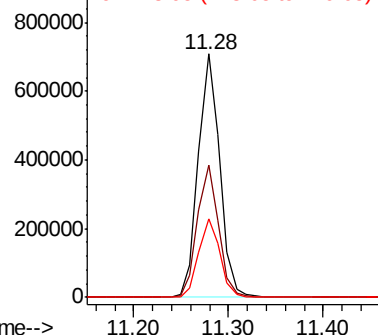
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.28 min Scan# 991
Delta R.T. 0.01 min
Lab File: VD060019.D
Acq: 17 Sep 2018 14:13

Instrument :
MSVOA_D
ClientSampleId :
OR-03-091418-ARE

Tot Ion:117 Resp: 1112026
Ion Ratio Lower Upper
117 100
82 54.1 41.7 62.5
119 32.4 26.0 39.0

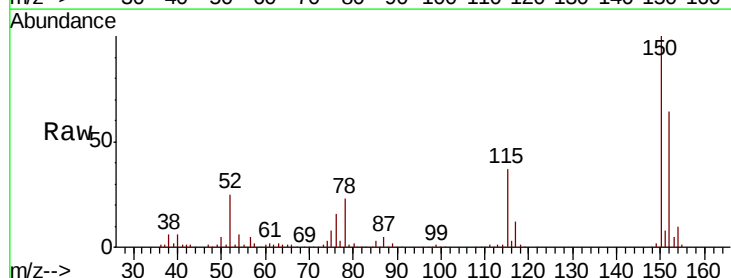


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

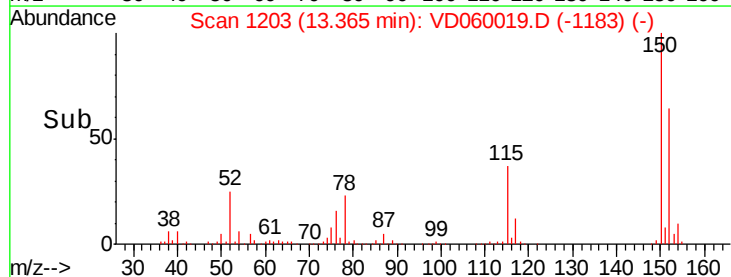
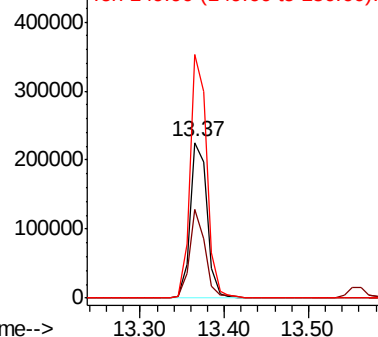


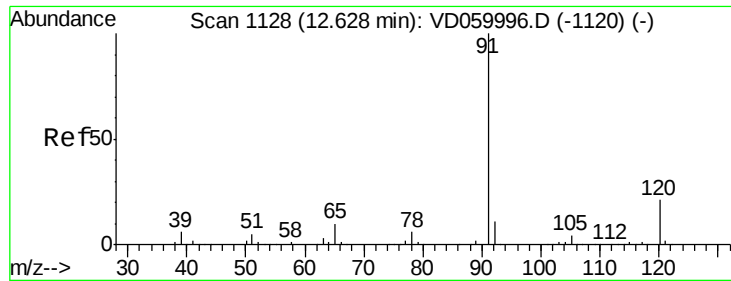
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.37 min Scan# 1203
Delta R.T. -0.00 min
Lab File: VD060019.D
Acq: 17 Sep 2018 14:13

Tgt Ion:152 Resp: 311653
Ion Ratio Lower Upper
152 100
115 57.2 24.6 73.8
150 156.5 0.0 313.4



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





#78

n-propylbenzene

Concen: 1.00 ug/l

RT: 12.64 min Scan# 1129

Delta R.T. 0.01 min

Lab File: VD060019.D

Acq: 17 Sep 2018 14:13

Instrument :

MSVOA_D

ClientSampleId :

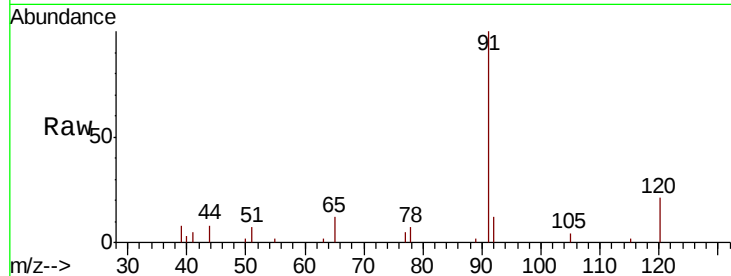
OR-03-091418-ARE

Tot Ion: 91 Resp: 25708

Ion Ratio Lower Upper

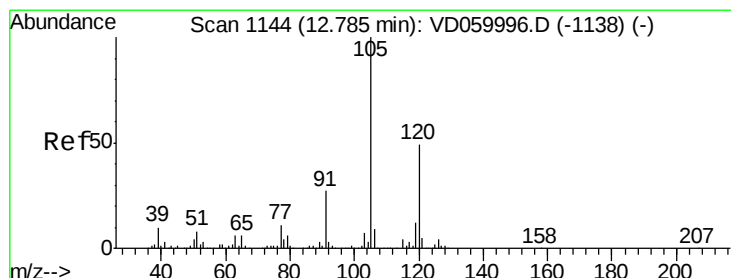
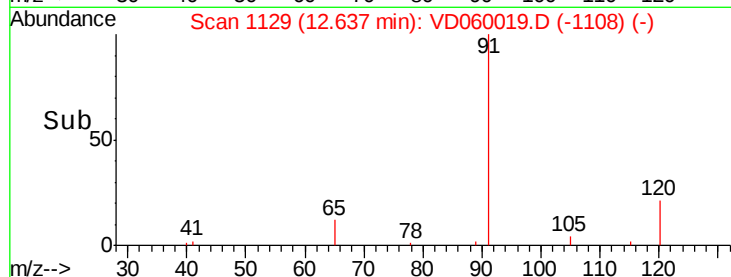
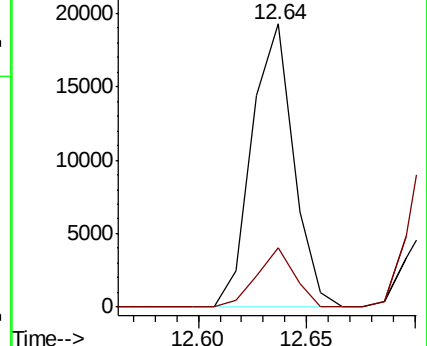
91 100

120 20.8 10.7 31.9



Abundance Ion 91.00 (90.70 to 91.70): V

Ion 120.05 (119.75 to 120.75): V



#80

1,3,5-Trimethylbenzene

Concen: 2.43 ug/l

RT: 12.79 min Scan# 1145

Delta R.T. 0.01 min

Lab File: VD060019.D

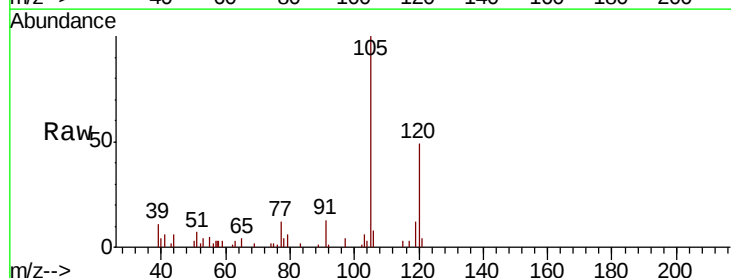
Acq: 17 Sep 2018 14:13

Tgt Ion:105 Resp: 38093

Ion Ratio Lower Upper

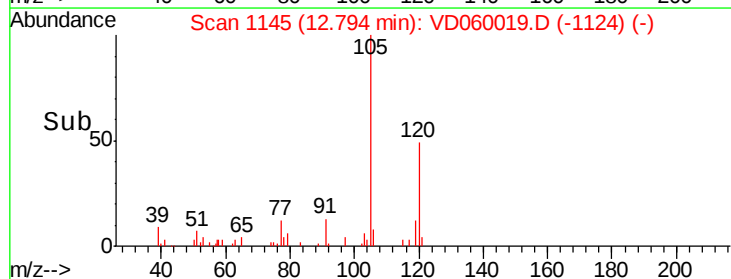
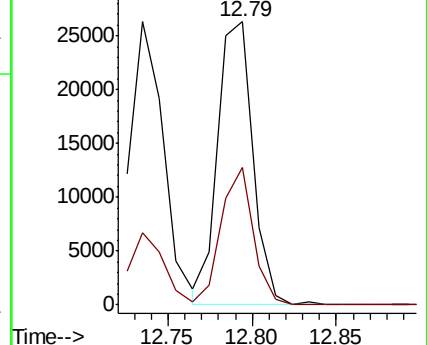
105 100

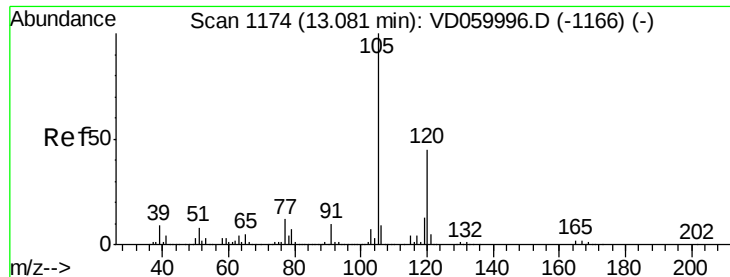
120 48.6 24.4 73.2



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V





#84

1,2,4-Trimethylbenzene

Concen: 8.83 ug/l

RT: 13.09 min Scan# 1175

Delta R.T. 0.01 min

Lab File: VD060019.D

Acq: 17 Sep 2018 14:13

Instrument :

MSVOA_D

ClientSampleId :

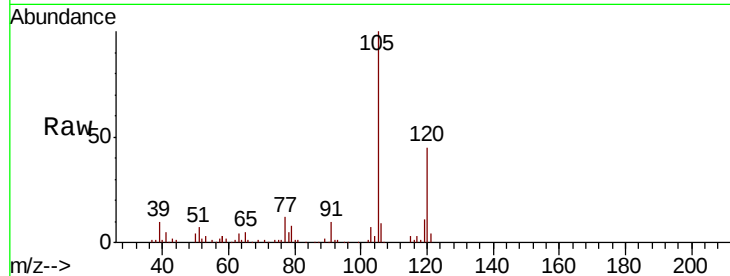
OR-03-091418-ARE

Tot Ion:105 Resp: 147651

Ion Ratio Lower Upper

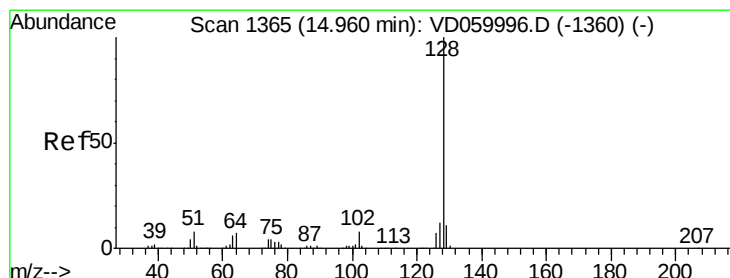
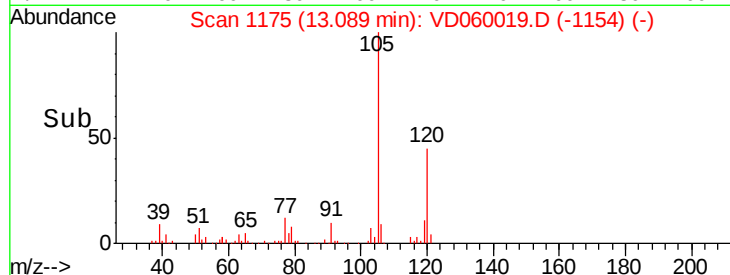
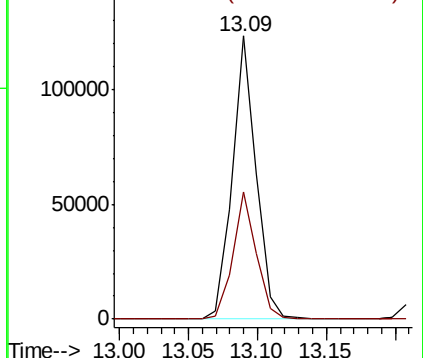
105 100

120 45.1 22.4 67.0



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V



#95

Naphthalene

Concen: 2.53 ug/l

RT: 14.96 min Scan# 1365

Delta R.T. -0.00 min

Lab File: VD060019.D

Acq: 17 Sep 2018 14:13

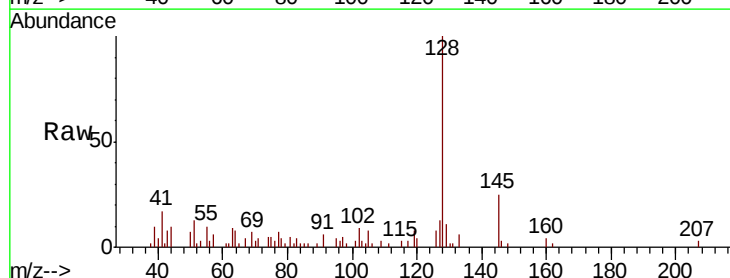
Tgt Ion:128 Resp: 28508

Ion Ratio Lower Upper

128 100

127 13.2 9.7 14.5

129 10.7 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

