

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032219\
 Data File : VD061271.D
 Acq On : 22 Mar 2019 20:00
 Operator : VA/AP
 Sample : K2024-02RE
 Misc : 8.69g/5ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RCA-09RE

Quant Time: Mar 23 00:59:59 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

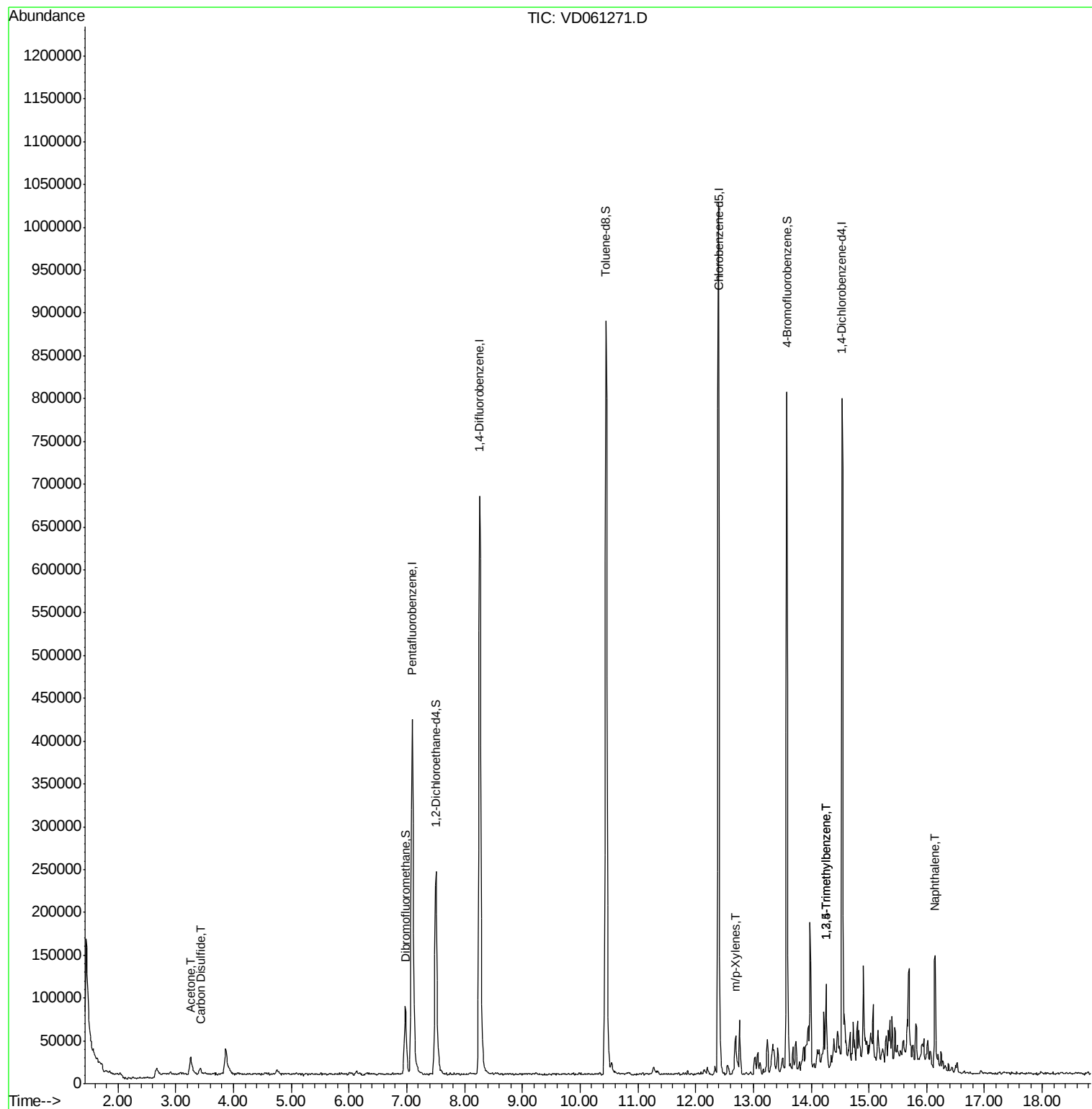
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.10	168	442845	50.00	ug/l	0.06
34) 1,4-Difluorobenzene	8.26	114	849862	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.40	117	607966	50.00	ug/l	0.04
72) 1,4-Dichlorobenzene-d4	14.54	152	191129	50.00	ug/l	0.03
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.50	65	234456	63.60	ug/l	0.06
Spiked Amount 50.000			Recovery	=	127.20%	
35) Dibromofluoromethane	6.97	113	79613	12.62	ug/l	0.05
Spiked Amount 50.000			Recovery	=	25.24%	
50) Toluene-d8	10.45	98	782692	49.42	ug/l	0.05
Spiked Amount 50.000			Recovery	=	98.84%	
62) 4-Bromofluorobenzene	13.58	95	233412	37.98	ug/l	0.03
Spiked Amount 50.000			Recovery	=	75.96%	
Target Compounds						
16) Acetone	3.26	43	45680	43.336	ug/l	97
17) Carbon Disulfide	3.43	76	15889	1.060	ug/l	97
68) m/p-Xylenes	12.69	106	15619	2.243	ug/l	95
80) 1,3,5-Trimethylbenzene	14.26	105	40471	3.870	ug/l	97
84) 1,2,4-Trimethylbenzene	14.26	105	40471	3.870	ug/l	97
95) Naphthalene	16.15	128	90081	24.413	ug/l	98

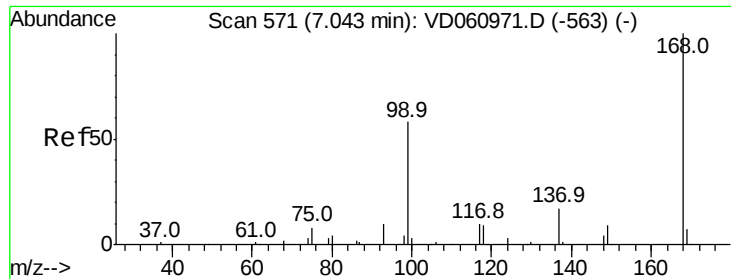
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032219\
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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: 7.10 min Scan# 577

Delta R.T. 0.06 min

Lab File: VD061271.D

Acq: 22 Mar 2019 20:00

Instrument :

MSVOA_D

ClientSampleId :

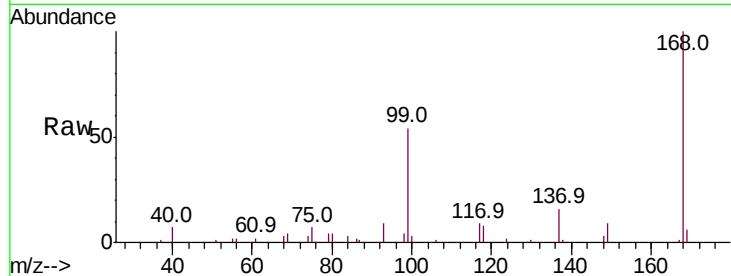
RCA-09RE

Tot Ion:168 Resp: 442845

Ion Ratio Lower Upper

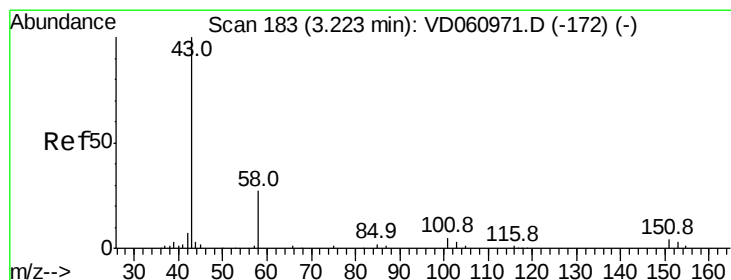
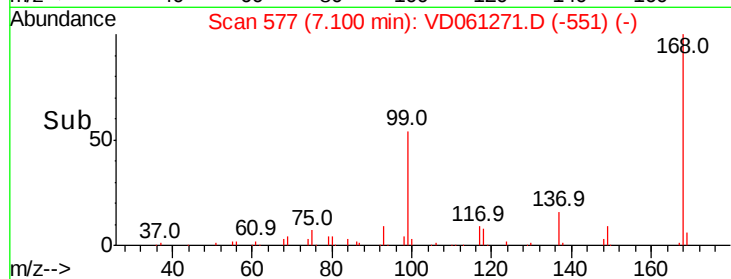
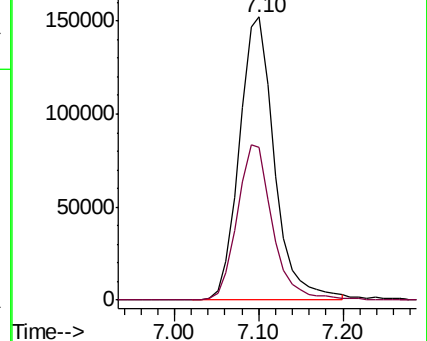
168 100

99 53.8 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: 43.336 ug/l

RT: 3.26 min Scan# 187

Delta R.T. 0.04 min

Lab File: VD061271.D

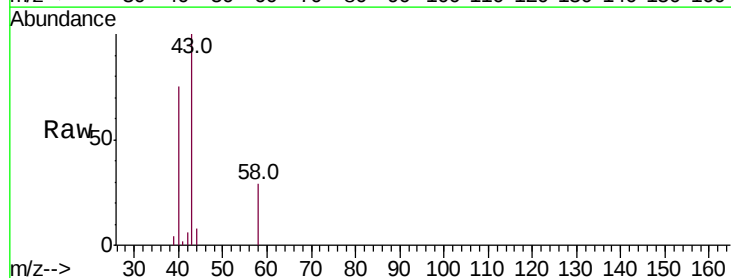
Acq: 22 Mar 2019 20:00

Tgt Ion: 43 Resp: 45680

Ion Ratio Lower Upper

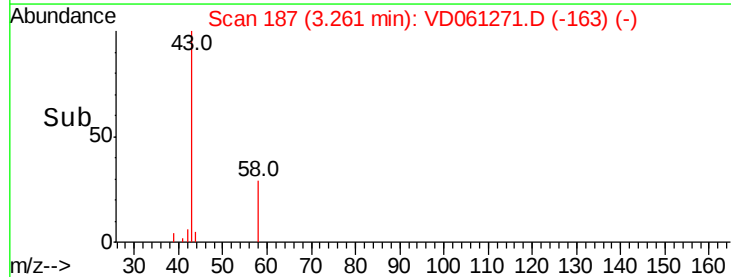
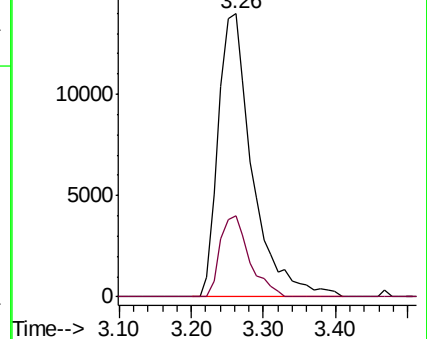
43 100

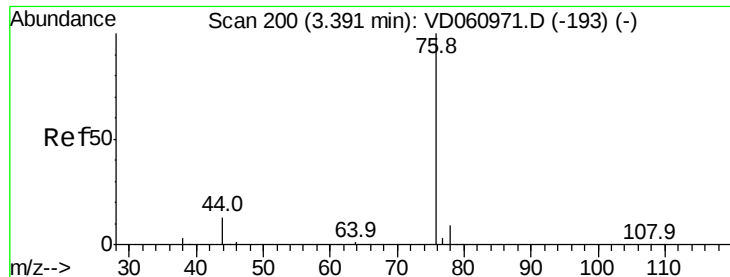
58 28.6 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#17

Carbon Disulfide

Concen: 1.060 ug/l

RT: 3.43 min Scan# 204

Delta R.T. 0.04 min

Lab File: VD061271.D

Acq: 22 Mar 2019 20:00

Instrument :

MSVOA_D

ClientSampleId :

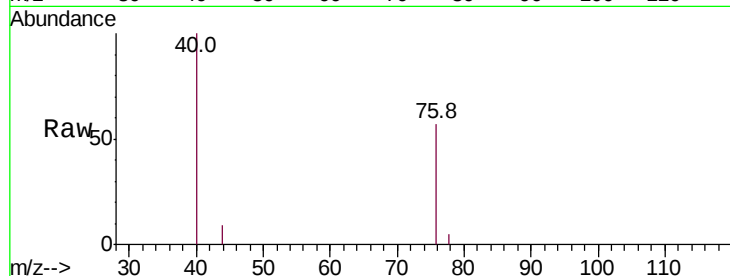
RCA-09RE

Tot Ion: 76 Resp: 15889

Ion Ratio Lower Upper

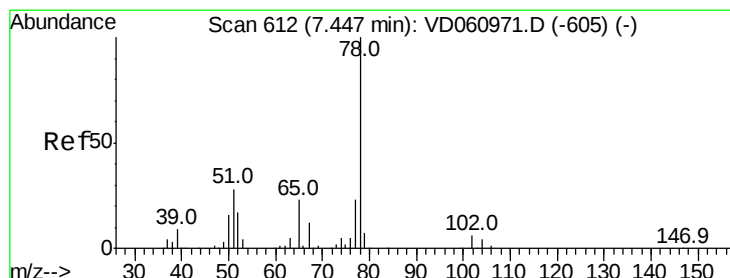
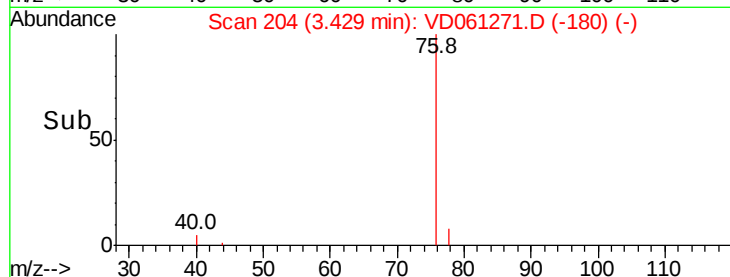
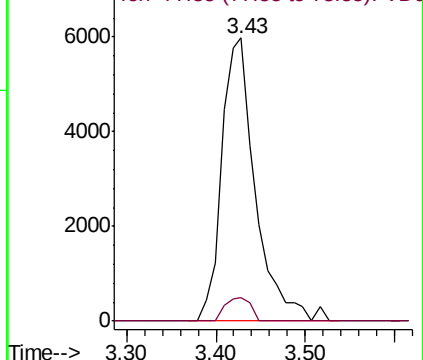
76 100

78 8.2 7.4 11.2



Abundance Ion 75.85 (75.55 to 76.55): VDC

Ion 77.85 (77.55 to 78.55): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.50 min Scan# 618

Delta R.T. 0.06 min

Lab File: VD061271.D

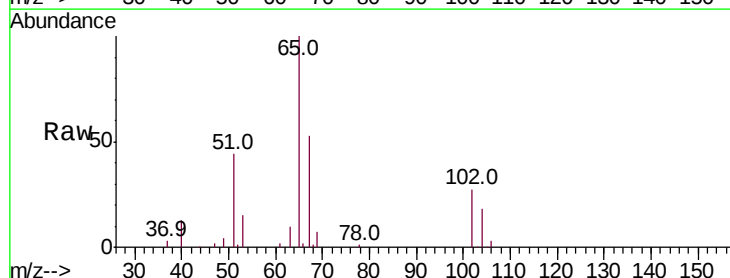
Acq: 22 Mar 2019 20:00

Tgt Ion: 65 Resp: 234456

Ion Ratio Lower Upper

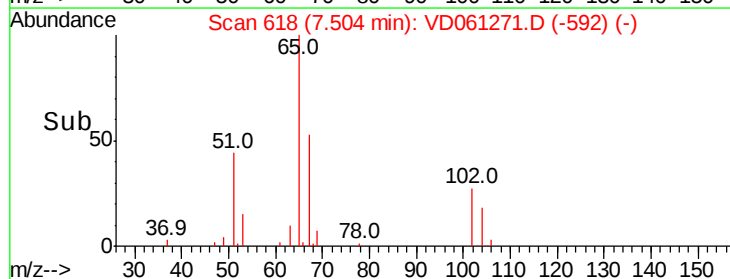
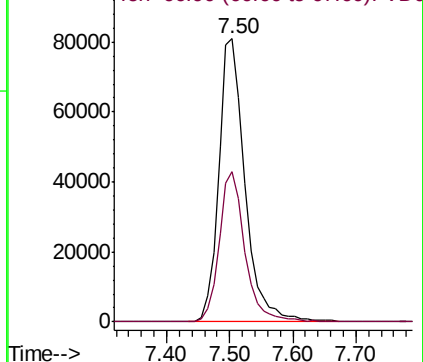
65 100

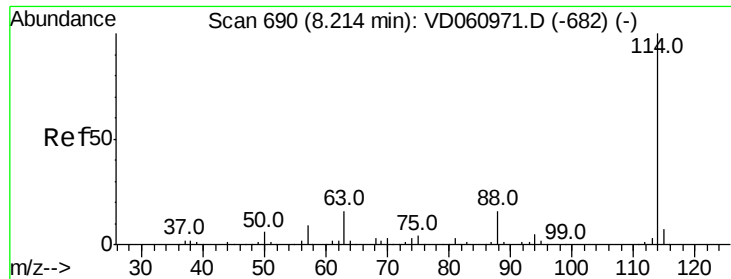
67 53.3 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

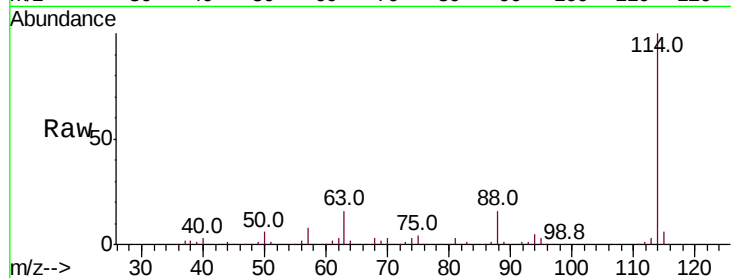




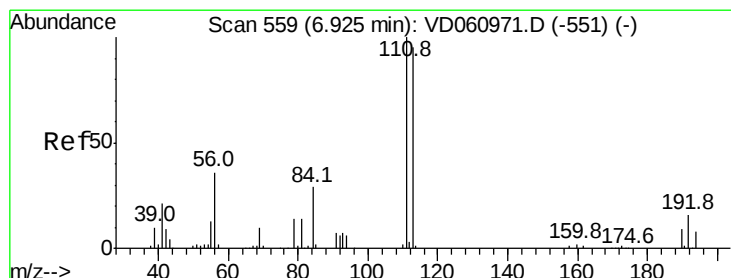
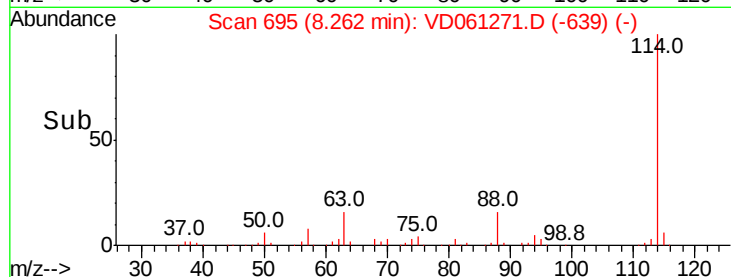
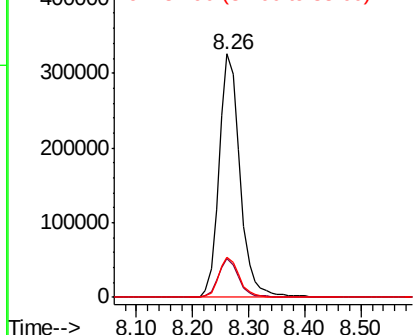
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.26 min Scan# 695
 Delta R.T. 0.05 min
 Lab File: VD061271.D
 Acq: 22 Mar 2019 20:00

Instrument :
 MSVOA_D
 ClientSampleId :
 RCA-09RE

Tot Ion:114 Resp: 849862
 Ion Ratio Lower Upper
 114 100
 63 16.2 0.0 31.4
 88 16.2 0.0 33.0

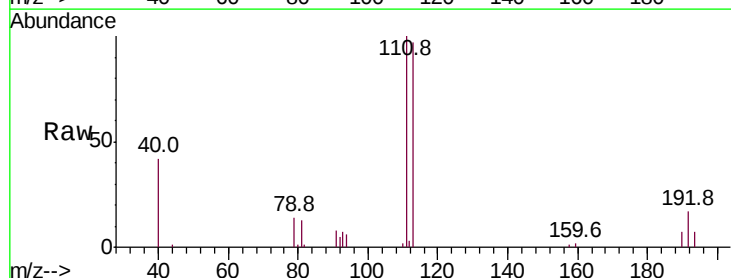


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

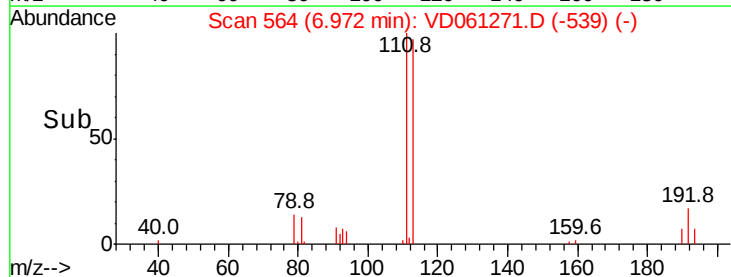
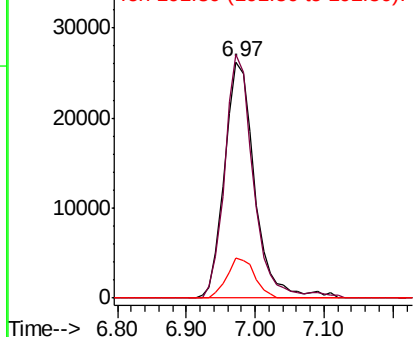


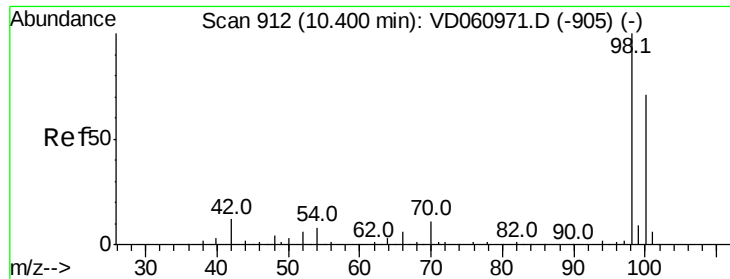
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.97 min Scan# 564
 Delta R.T. 0.05 min
 Lab File: VD061271.D
 Acq: 22 Mar 2019 20:00

Tgt Ion:113 Resp: 79613
 Ion Ratio Lower Upper
 113 100
 111 103.1 84.2 126.4
 192 17.0 13.1 19.7



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: 10.45 min Scan# 917

Delta R.T. 0.05 min

Lab File: VD061271.D

Acq: 22 Mar 2019 20:00

Instrument :

MSVOA_D

ClientSampleId :

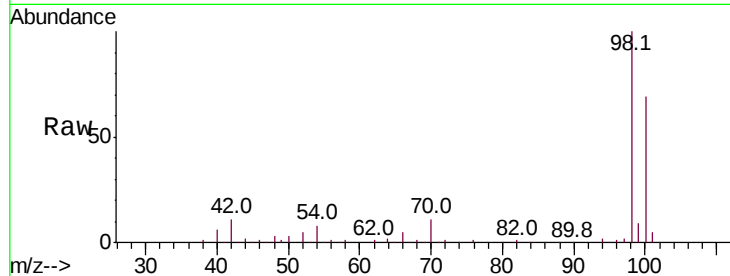
RCA-09RE

Tot Ion: 98 Resp: 782692

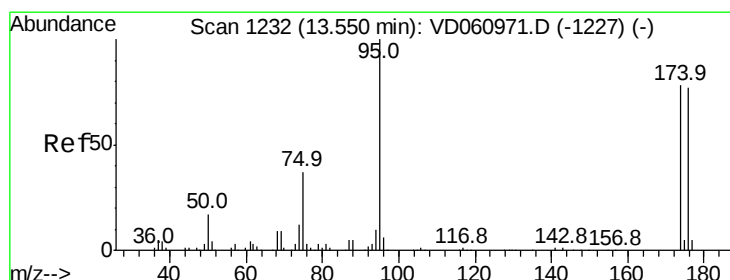
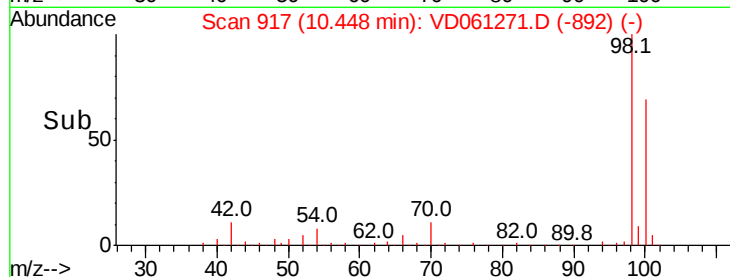
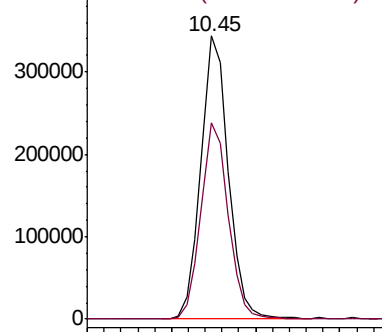
Ion Ratio Lower Upper

98 100

100 69.2 57.4 86.2



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: 13.58 min Scan# 1235

Delta R.T. 0.03 min

Lab File: VD061271.D

Acq: 22 Mar 2019 20:00

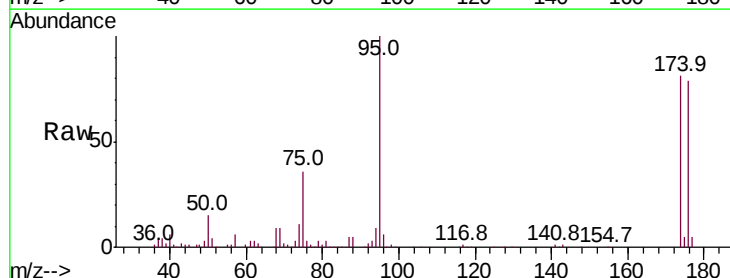
Tgt Ion: 95 Resp: 233412

Ion Ratio Lower Upper

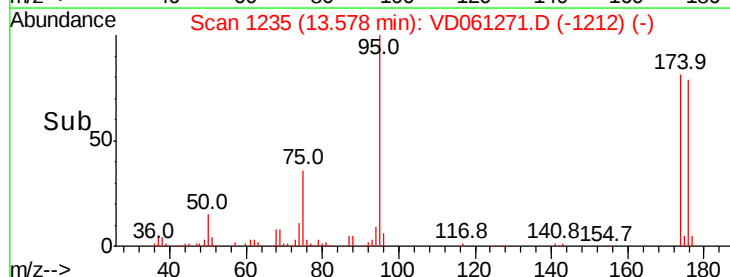
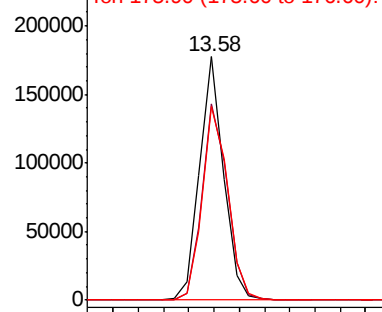
95 100

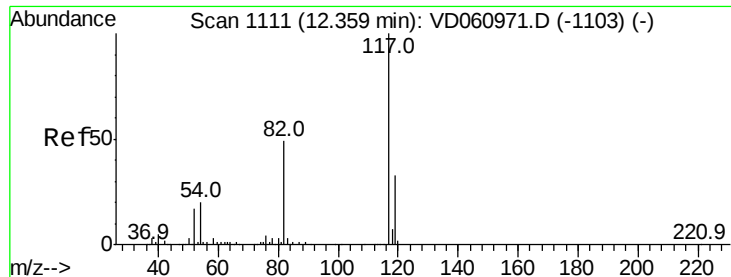
174 80.7 0.0 155.6

176 79.4 0.0 153.8



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

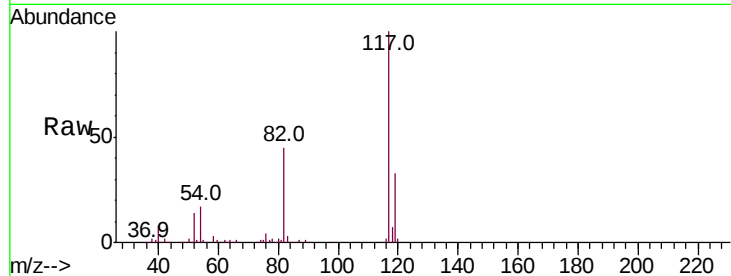




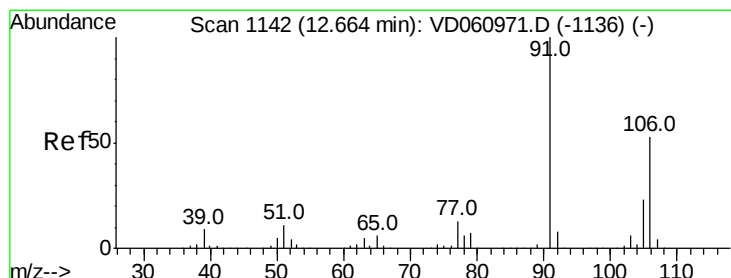
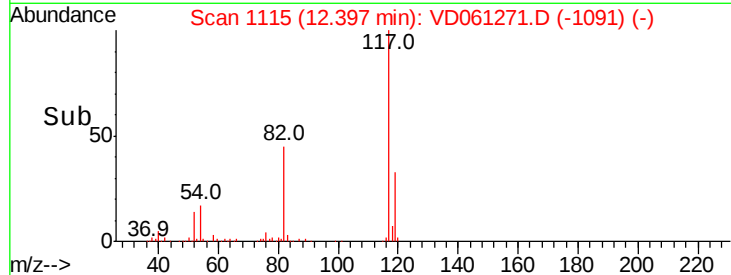
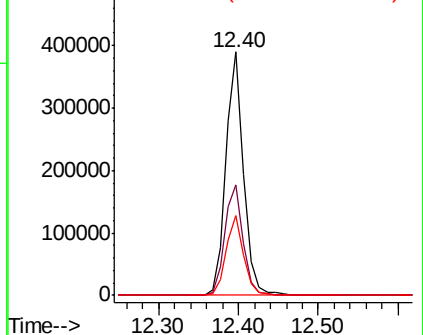
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.40 min Scan# 1115
Delta R.T. 0.04 min
Lab File: VD061271.D
Acq: 22 Mar 2019 20:00

Instrument :
MSVOA_D
ClientSampleId :
RCA-09RE

Tot Ion:117 Resp: 607966
Ion Ratio Lower Upper
117 100
82 45.2 38.9 58.3
119 33.0 26.6 39.8

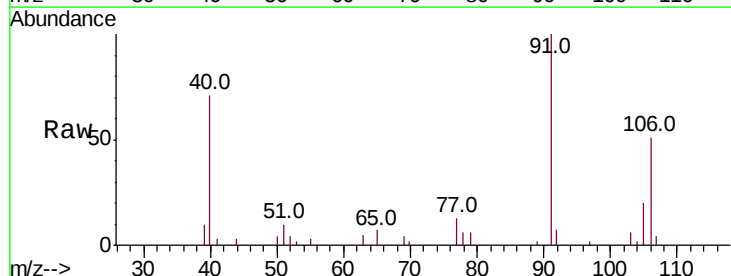


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

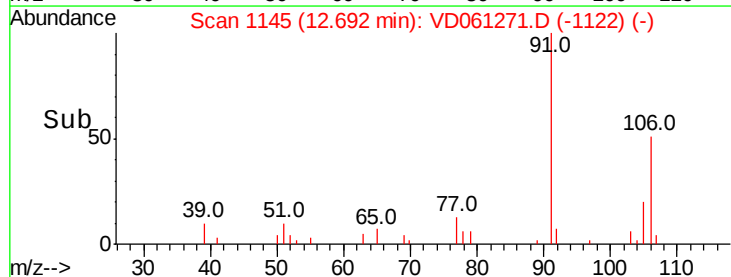
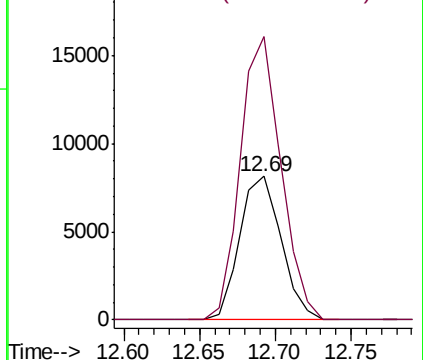


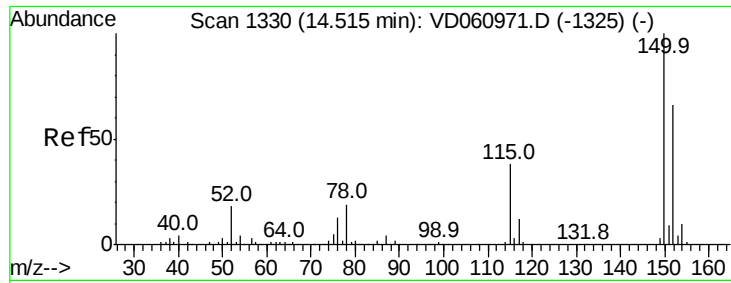
#68
m/p-Xylenes
Concen: 2.243 ug/l
RT: 12.69 min Scan# 1145
Delta R.T. 0.03 min
Lab File: VD061271.D
Acq: 22 Mar 2019 20:00

Tgt Ion:106 Resp: 15619
Ion Ratio Lower Upper
106 100
91 197.3 152.0 228.0



Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V



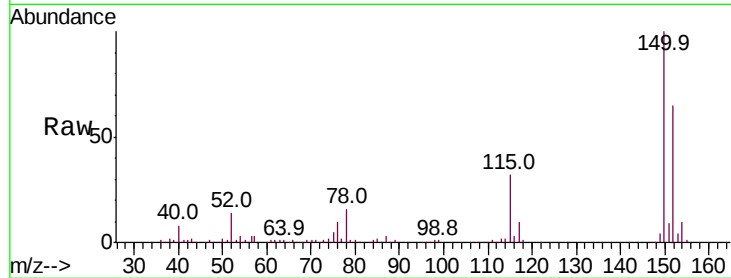


#72

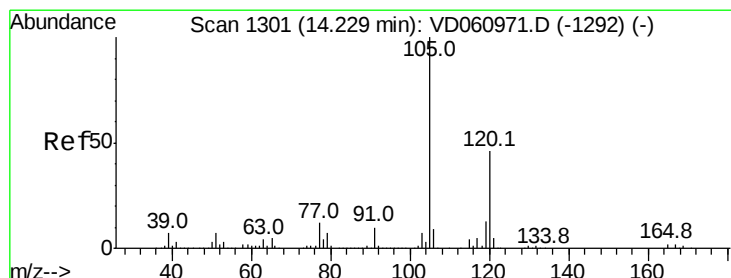
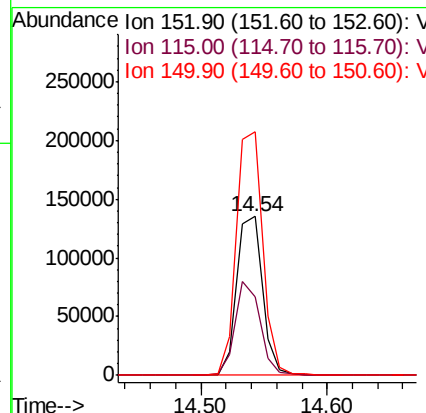
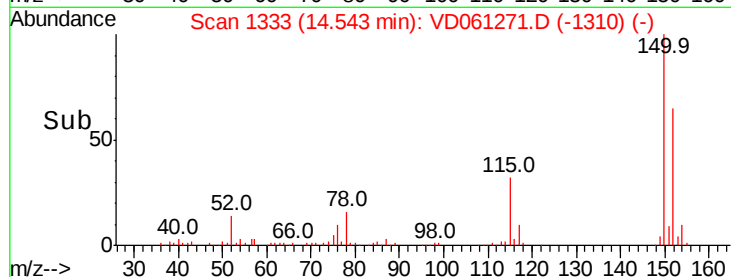
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.54 min Scan# 1333
Delta R.T. 0.03 min
Lab File: VD061271.D
Acq: 22 Mar 2019 20:00

Instrument :
MSVOA_D
ClientSampleId :
RCA-09RE

Tot Ion:152 Resp: 191129
Ion Ratio Lower Upper
152 100
115 49.1 28.6 85.9
150 153.4 0.0 310.6



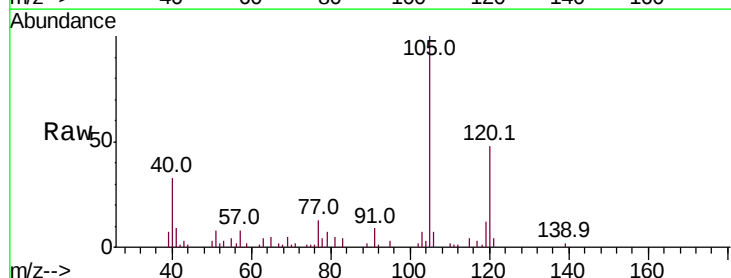
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



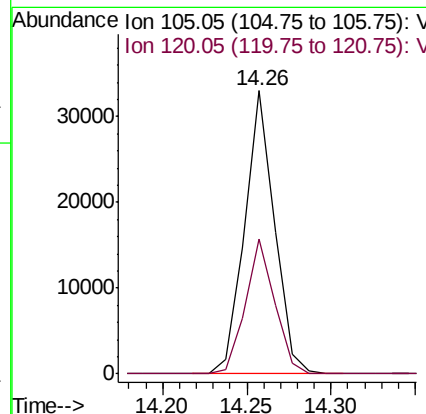
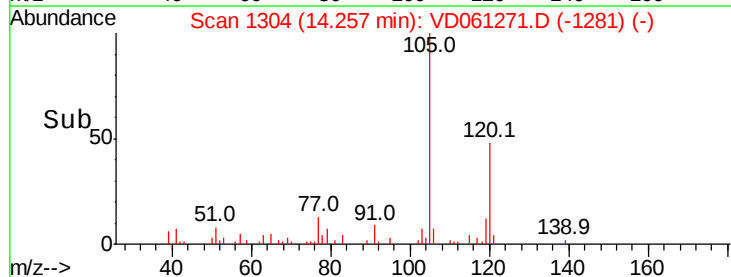
#80

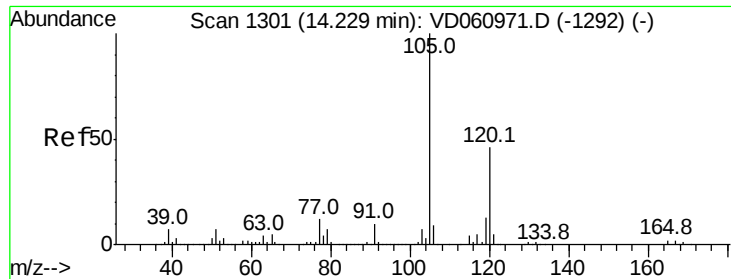
1,3,5-Trimethylbenzene
Concen: 3.870 ug/l
RT: 14.26 min Scan# 1304
Delta R.T. 0.03 min
Lab File: VD061271.D
Acq: 22 Mar 2019 20:00

Tgt Ion:105 Resp: 40471
Ion Ratio Lower Upper
105 100
120 47.5 22.9 68.5



Abundance Ion 105.05 (104.75 to 105.75): V
Ion 120.05 (119.75 to 120.75): V

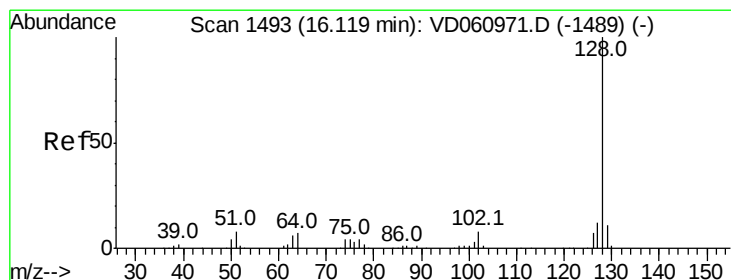
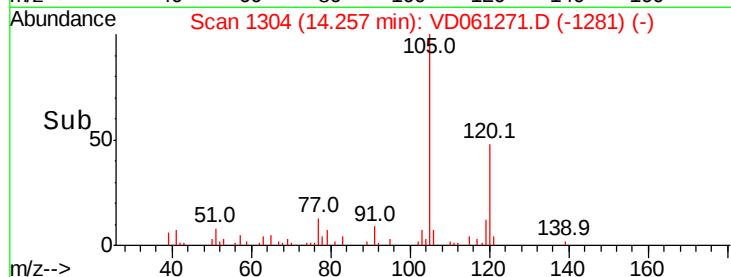
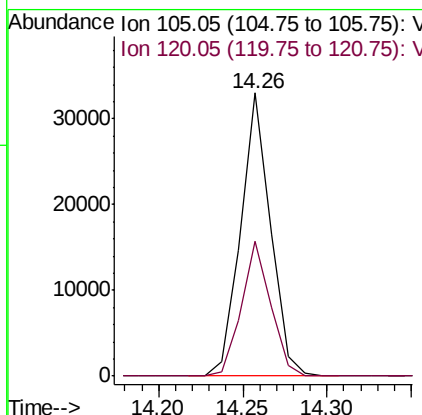
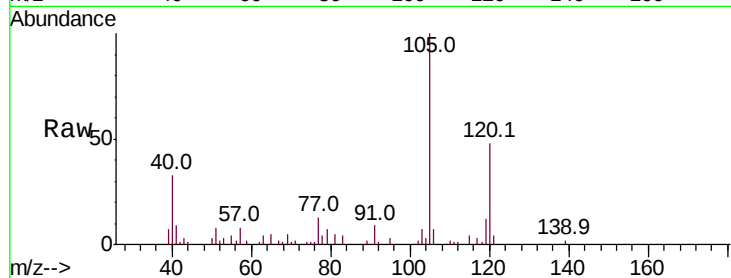




#84
 1,2,4-Trimethylbenzene
 Concen: 3.870 ug/l
 RT: 14.26 min Scan# 1304
 Delta R.T. 0.03 min
 Lab File: VD061271.D
 Acq: 22 Mar 2019 20:00

Instrument :
 MSVOA_D
 ClientSampleId :
 RCA-09RE

Tot Ion:105 Resp: 40471
 Ion Ratio Lower Upper
 105 100
 120 47.5 22.9 68.5



#95
 Naphthalene
 Concen: 24.413 ug/l
 RT: 16.15 min Scan# 1496
 Delta R.T. 0.03 min
 Lab File: VD061271.D
 Acq: 22 Mar 2019 20:00

Tgt Ion:128 Resp: 90081
 Ion Ratio Lower Upper
 128 100
 127 12.0 9.8 14.8
 129 11.9 8.5 12.7

