

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051719\
 Data File : VD062451.D
 Acq On : 17 May 2019 21:08
 Operator : FY/SY
 Sample : K2871-01
 Misc : 6.06g/5mL/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04-(26.5)

Quant Time: May 29 15:15:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

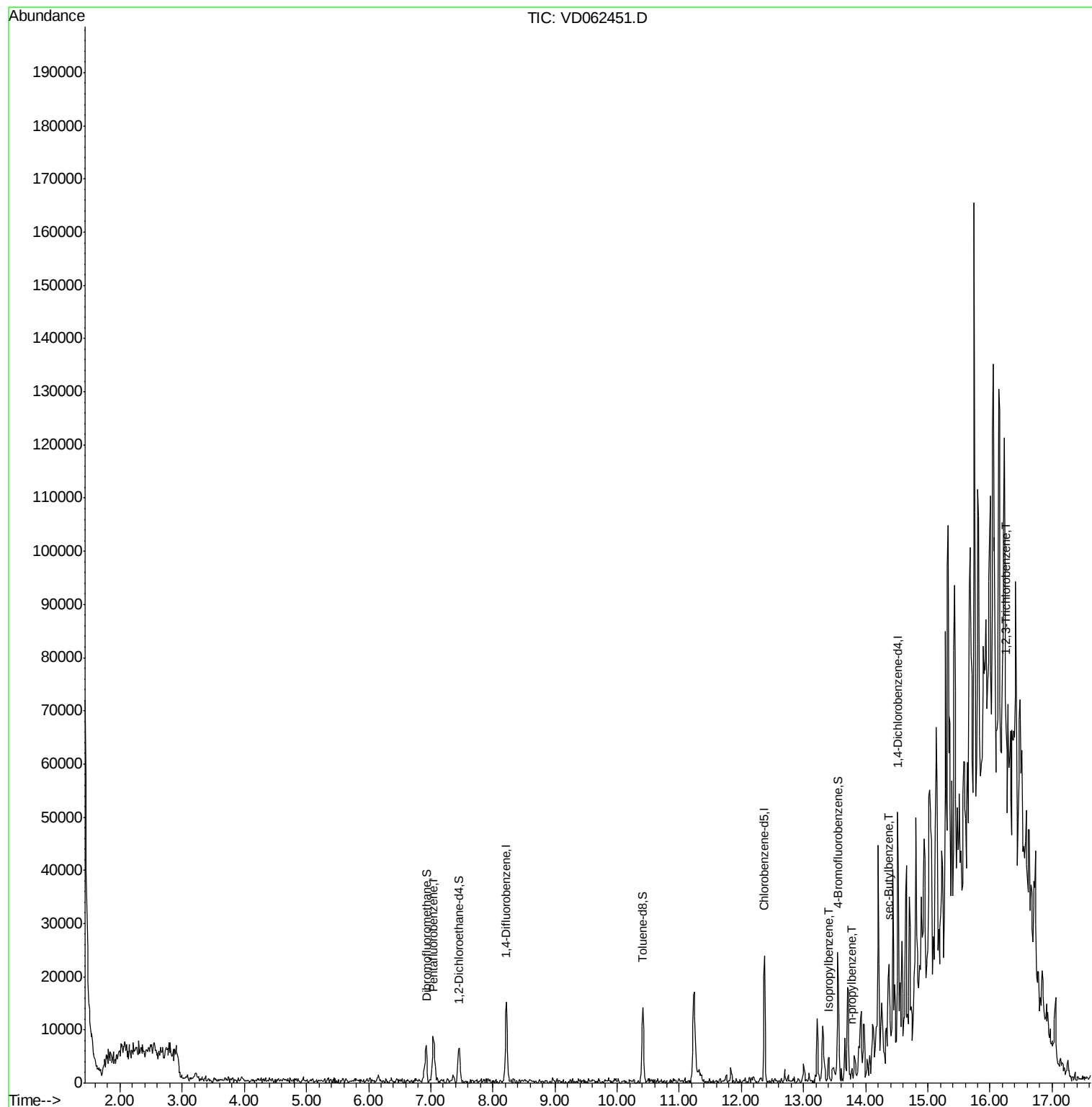
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	12221	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	18998	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	14077	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	5748	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	9193	80.94	ug/l	0.04
Spiked Amount 50.000			Recovery	=	161.88%	
35) Dibromofluoromethane	6.93	113	5918	37.54	ug/l	0.04
Spiked Amount 50.000			Recovery	=	75.08%	
50) Toluene-d8	10.41	98	12564	33.06	ug/l	0.02
Spiked Amount 50.000			Recovery	=	66.12%	
62) 4-Bromofluorobenzene	13.55	95	5602	36.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	73.42%	
Target Compounds						
73) Isopropylbenzene	13.40	105	1745	5.065	ug/l	89
78) n-propylbenzene	13.78	91	2647	6.440	ug/l #	54
85) sec-Butylbenzene	14.37	105	3350	9.369	ug/l	83
96) 1,2,3-Trichlorobenzene	16.26	180	834	12.559	ug/l #	1

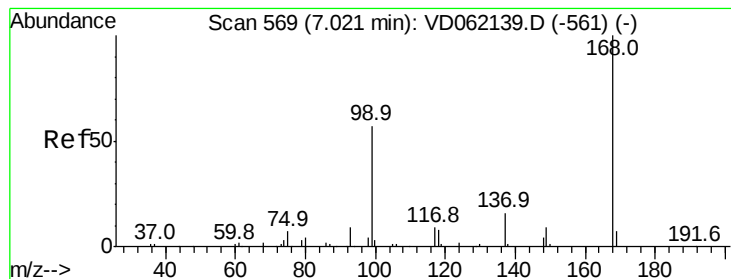
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.02 min

Lab File: VD062451.D

Acq: 17 May 2019 21:08

Instrument :

MSVOA_D

ClientSampleId :

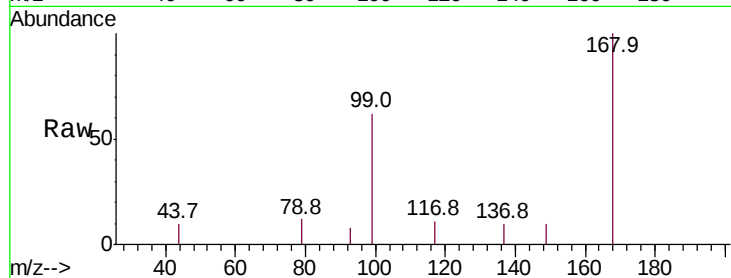
SB-04-(26.5)

Tot Ion:168 Resp: 12221

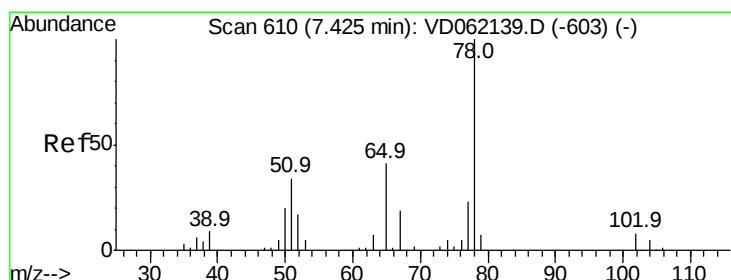
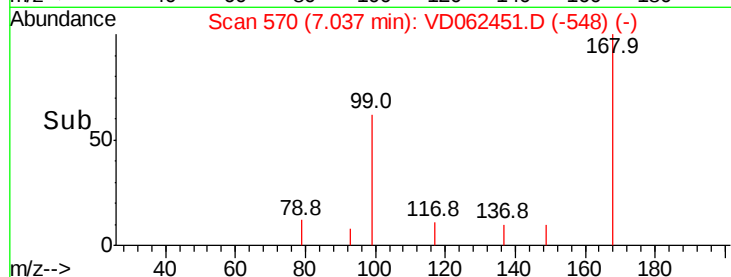
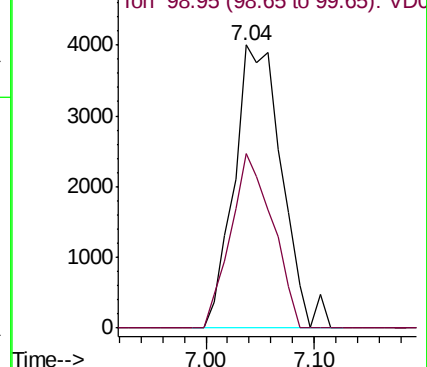
Ion Ratio Lower Upper

168 100

99 61.5 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V



#33

1,2-Dichloroethane-d4

Concen: 80.945 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.04 min

Lab File: VD062451.D

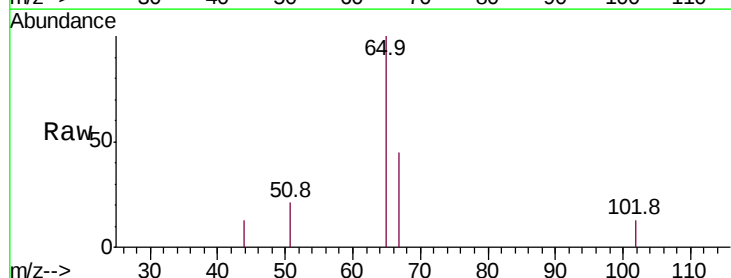
Acq: 17 May 2019 21:08

Tgt Ion: 65 Resp: 9193

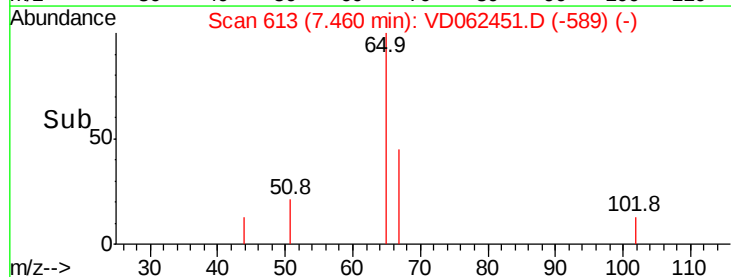
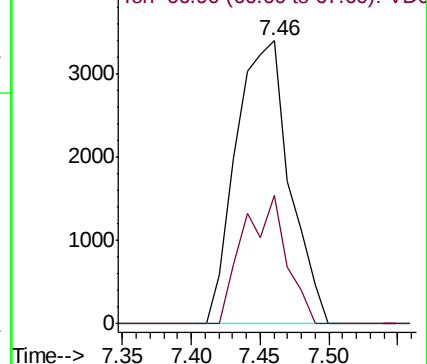
Ion Ratio Lower Upper

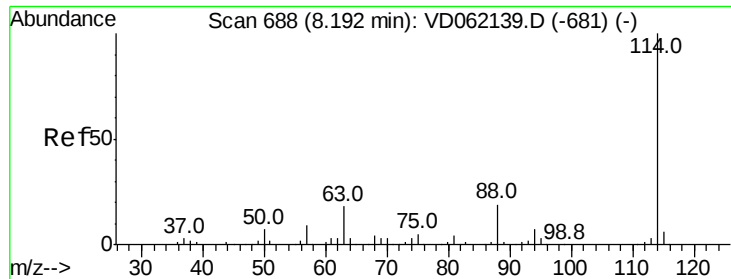
65 100

67 45.4 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.03 min

Lab File: VD062451.D

Acq: 17 May 2019 21:08

Instrument :

MSVOA_D

ClientSampleId :

SB-04-(26.5)

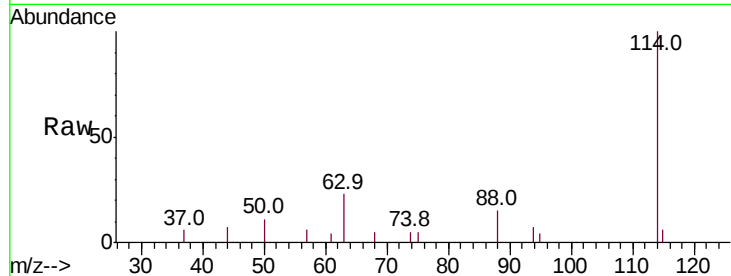
Tot Ion:114 Resp: 18998

Ion Ratio Lower Upper

114 100

63 23.0 0.0 32.4

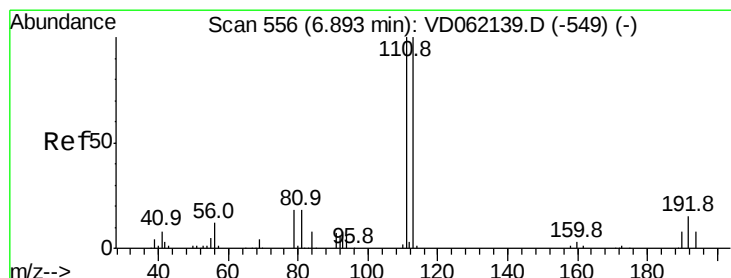
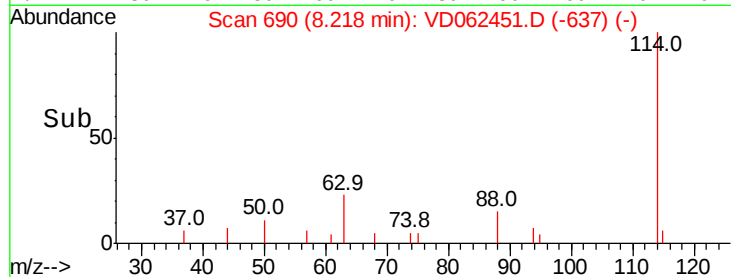
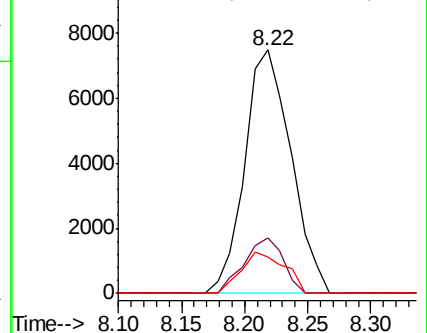
88 14.9 0.0 33.6



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: 37.544 ug/l

RT: 6.93 min Scan# 559

Delta R.T. 0.04 min

Lab File: VD062451.D

Acq: 17 May 2019 21:08

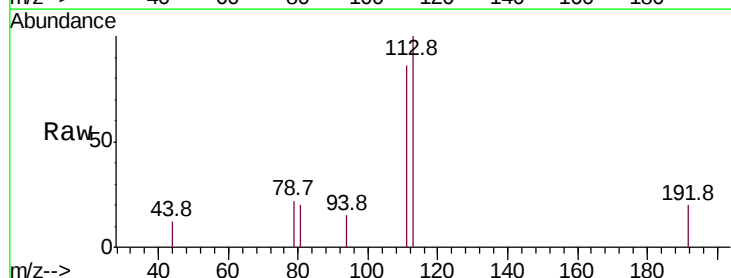
Tgt Ion:113 Resp: 5918

Ion Ratio Lower Upper

113 100

111 86.4 78.5 117.7

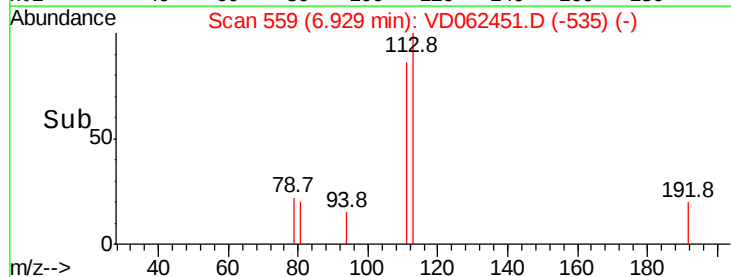
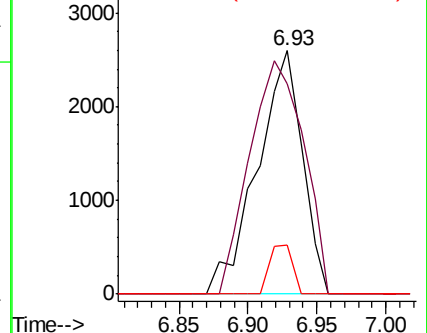
192 20.0 13.0 19.4#

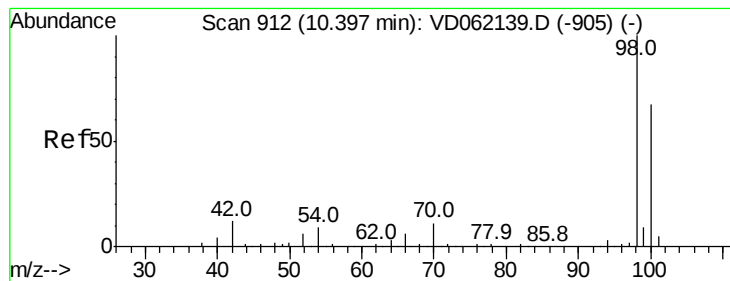


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 33.058 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.02 min

Lab File: VD062451.D

Acq: 17 May 2019 21:08

Instrument :

MSVOA_D

ClientSampleId :

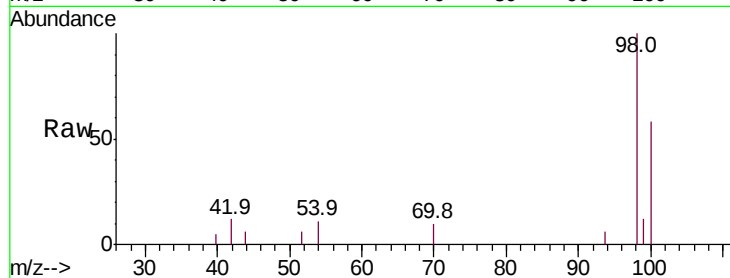
SB-04-(26.5)

Tot Ion: 98 Resp: 12564

Ion Ratio Lower Upper

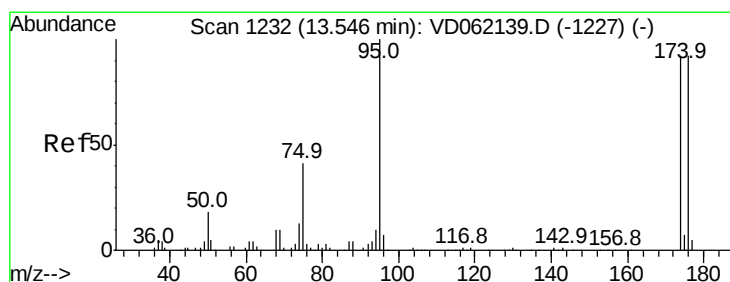
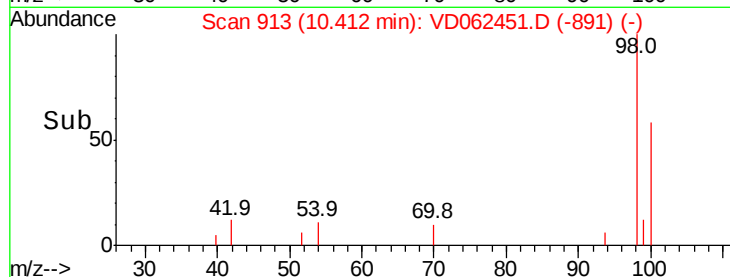
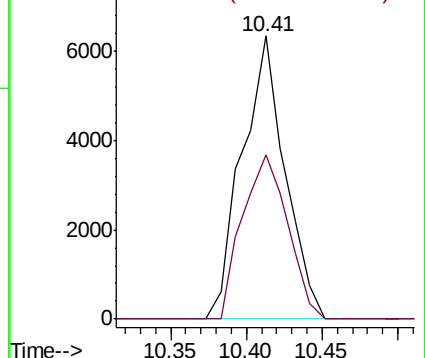
98 100

100 57.9 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#62

4-Bromofluorobenzene

Concen: 36.707 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD062451.D

Acq: 17 May 2019 21:08

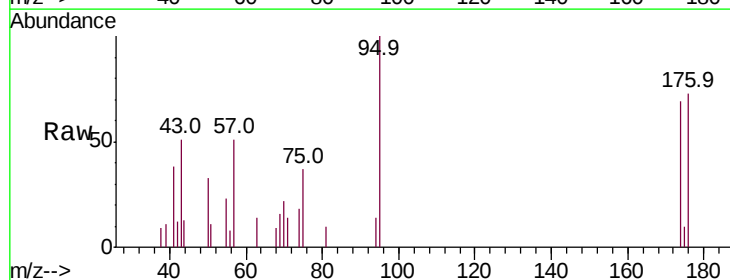
Tgt Ion: 95 Resp: 5602

Ion Ratio Lower Upper

95 100

174 69.2 0.0 181.8

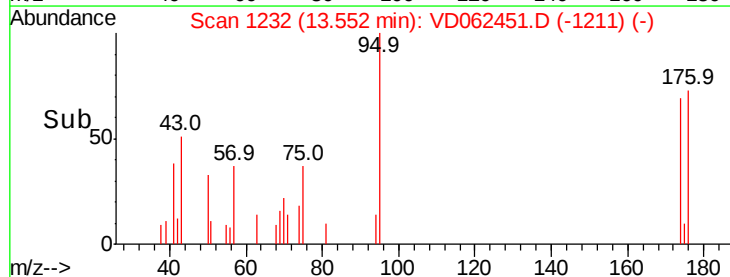
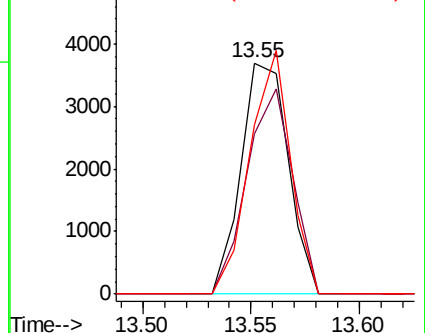
176 73.4 0.0 174.4

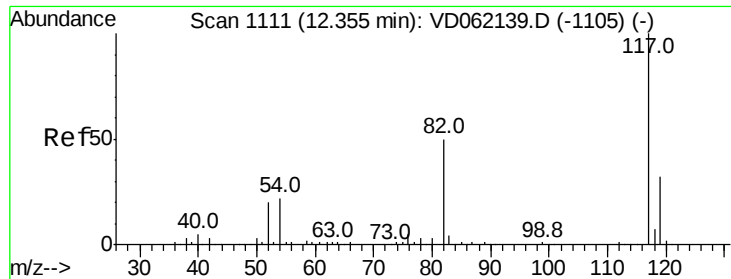


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

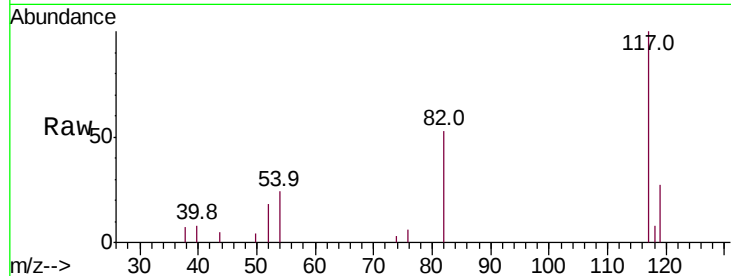




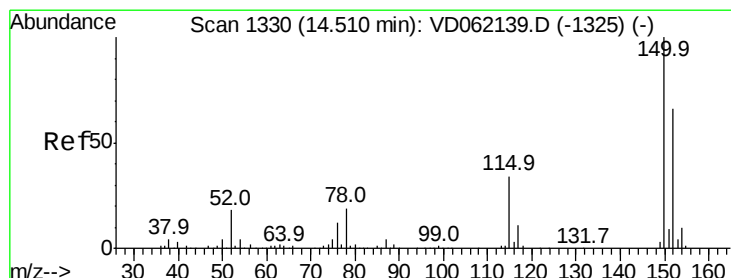
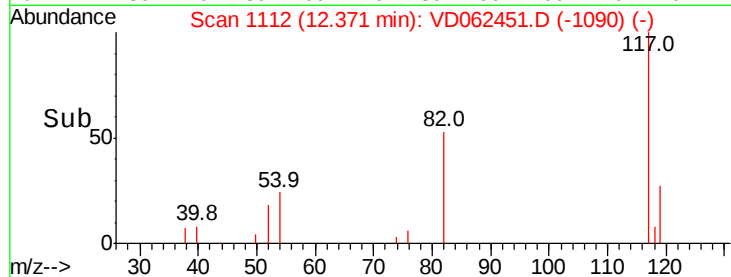
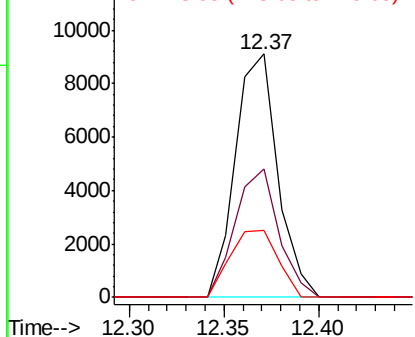
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.02 min
Lab File: VD062451.D
Acq: 17 May 2019 21:08

Instrument :
MSVOA_D
ClientSampleId :
SB-04-(26.5)

Tot Ion:117 Resp: 14077
Ion Ratio Lower Upper
117 100
82 52.9 36.2 54.2
119 27.3 26.2 39.4

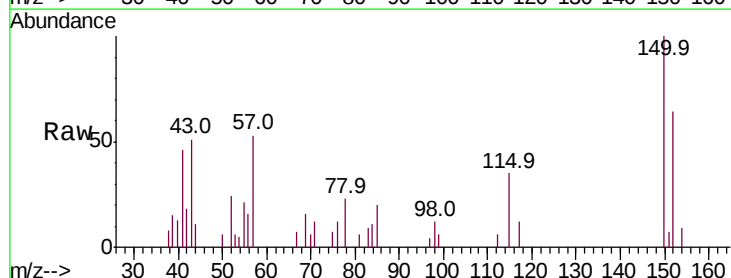


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

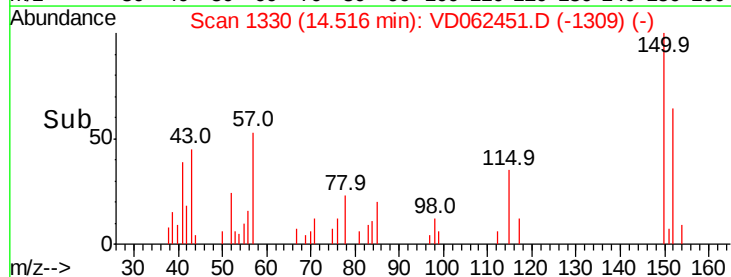
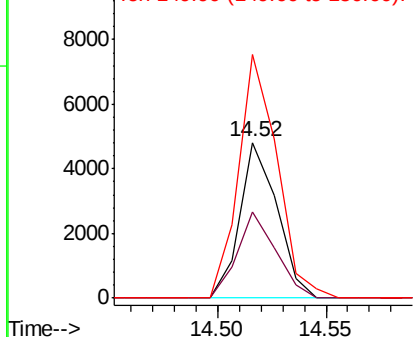


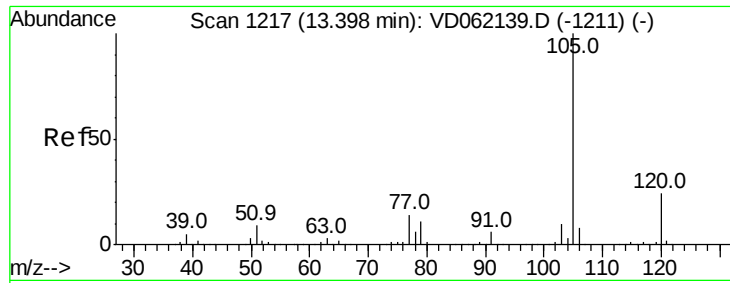
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD062451.D
Acq: 17 May 2019 21:08

Tgt Ion:152 Resp: 5748
Ion Ratio Lower Upper
152 100
115 55.3 30.9 92.7
150 156.7 0.0 314.8



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

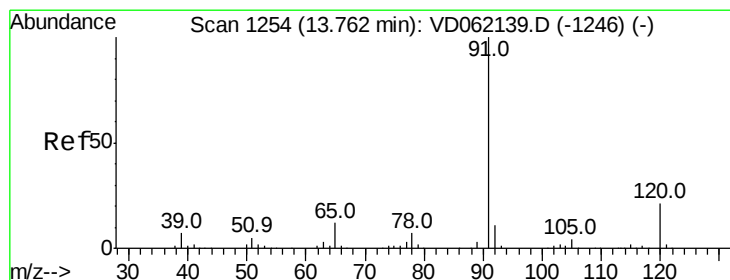
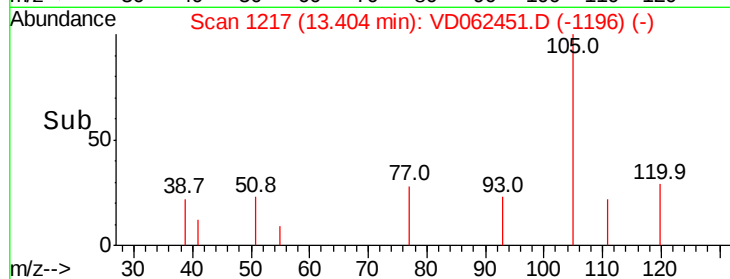
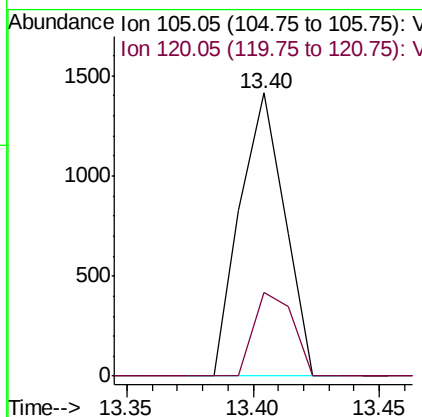
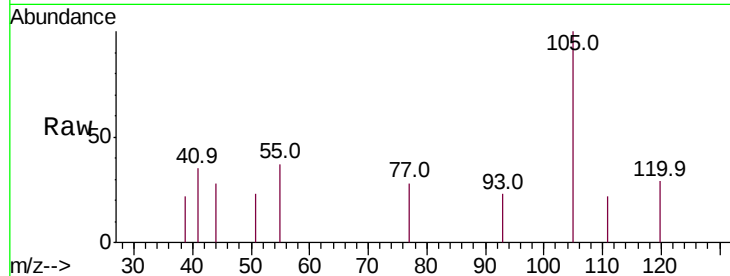




#73
Isopropylbenzene
Concen: 5.065 ug/l
RT: 13.40 min Scan# 1217
Delta R.T. 0.01 min
Lab File: VD062451.D
Acq: 17 May 2019 21:08

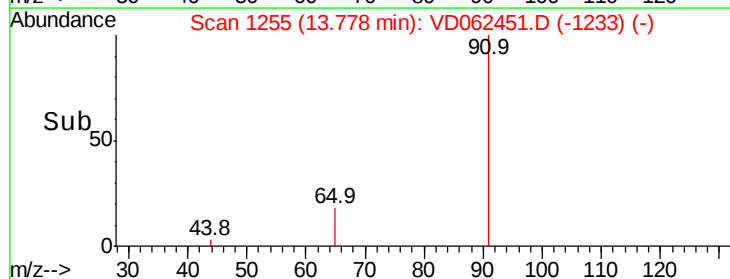
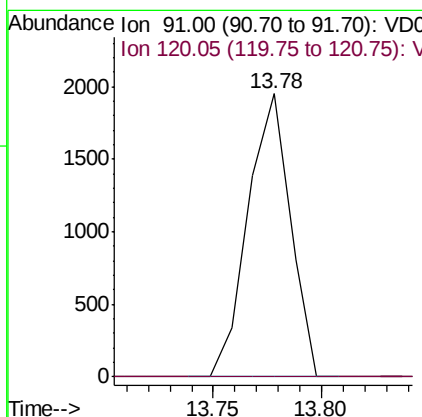
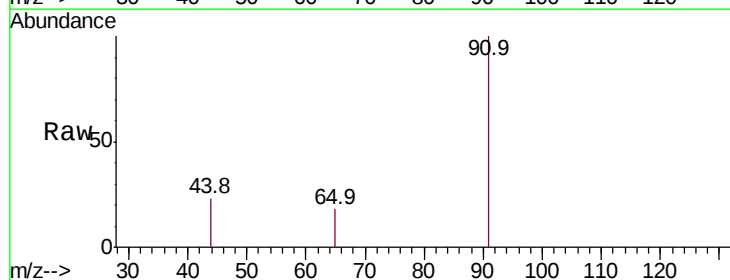
Instrument :
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SB-04-(26.5)

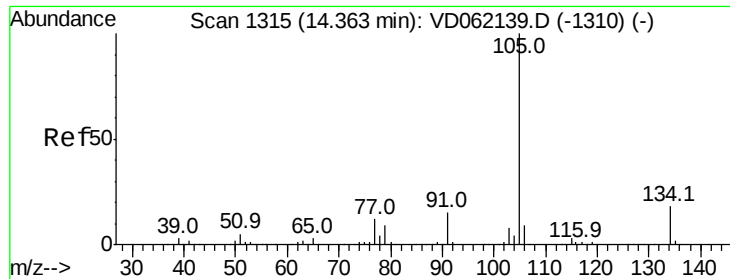
Tot Ion:105 Resp: 1745
Ion Ratio Lower Upper
105 100
120 29.5 12.0 36.1



#78
n-propylbenzene
Concen: 6.440 ug/l
RT: 13.78 min Scan# 1255
Delta R.T. 0.02 min
Lab File: VD062451.D
Acq: 17 May 2019 21:08

Tgt Ion: 91 Resp: 2647
Ion Ratio Lower Upper
91 100
120 0.0 11.1 33.1#





#85

sec-Butylbenzene

Concen: 9.369 ug/l

RT: 14.37 min Scan# 1315

Delta R.T. 0.01 min

Lab File: VD062451.D

Acq: 17 May 2019 21:08

Instrument :

MSVOA_D

ClientSampleId :

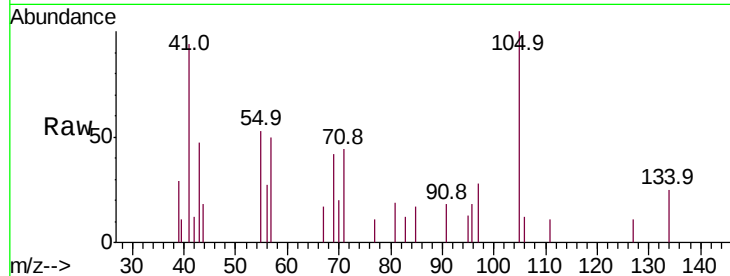
SB-04-(26.5)

Tot Ion:105 Resp: 3350

Ion Ratio Lower Upper

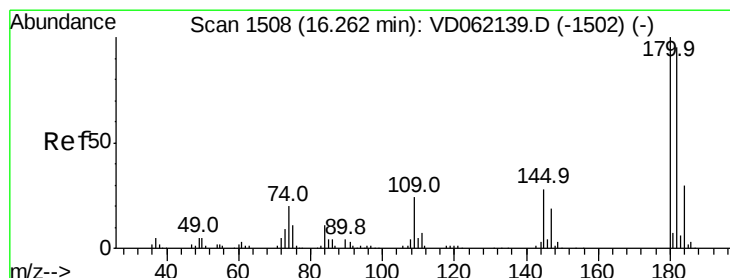
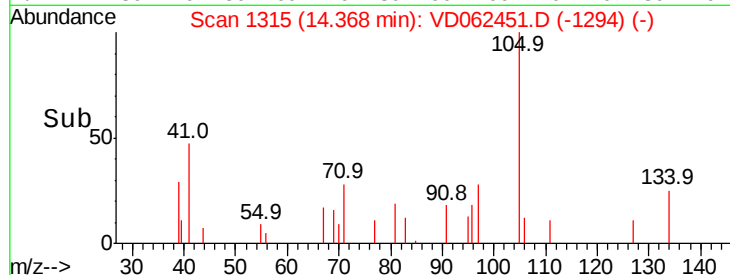
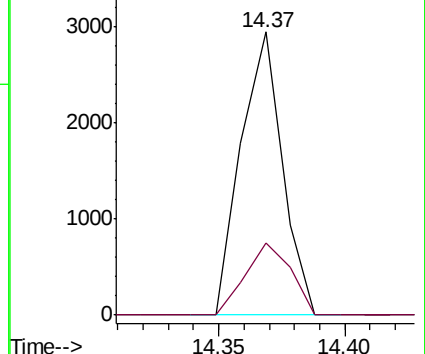
105 100

134 25.3 8.9 26.7



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#96

1,2,3-Trichlorobenzene

Concen: 12.559 ug/l

RT: 16.26 min Scan# 1507

Delta R.T. -0.00 min

Lab File: VD062451.D

Acq: 17 May 2019 21:08

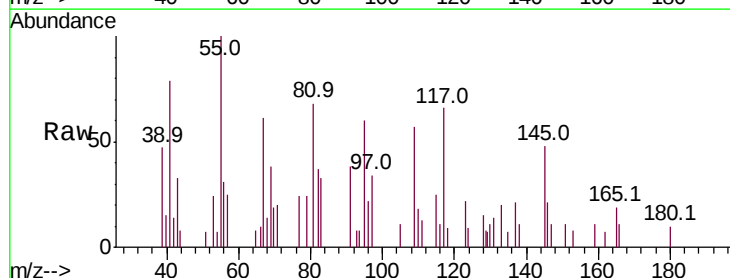
Tgt Ion:180 Resp: 834

Ion Ratio Lower Upper

180 100

182 0.0 47.0 141.0#

145 488.8 17.0 51.0#



Abundance Ion 179.85 (179.55 to 180.55): V

Ion 181.85 (181.55 to 182.55): V

Ion 144.95 (144.65 to 145.65): V

