

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD051119\
 Data File : VD062241.D
 Acq On : 11 May 2019 16:59
 Operator : FY/SY
 Sample : K2718-12RE
 Misc : 5.63g/5mL/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS006-0206-01RE

Quant Time: May 14 18:13:11 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

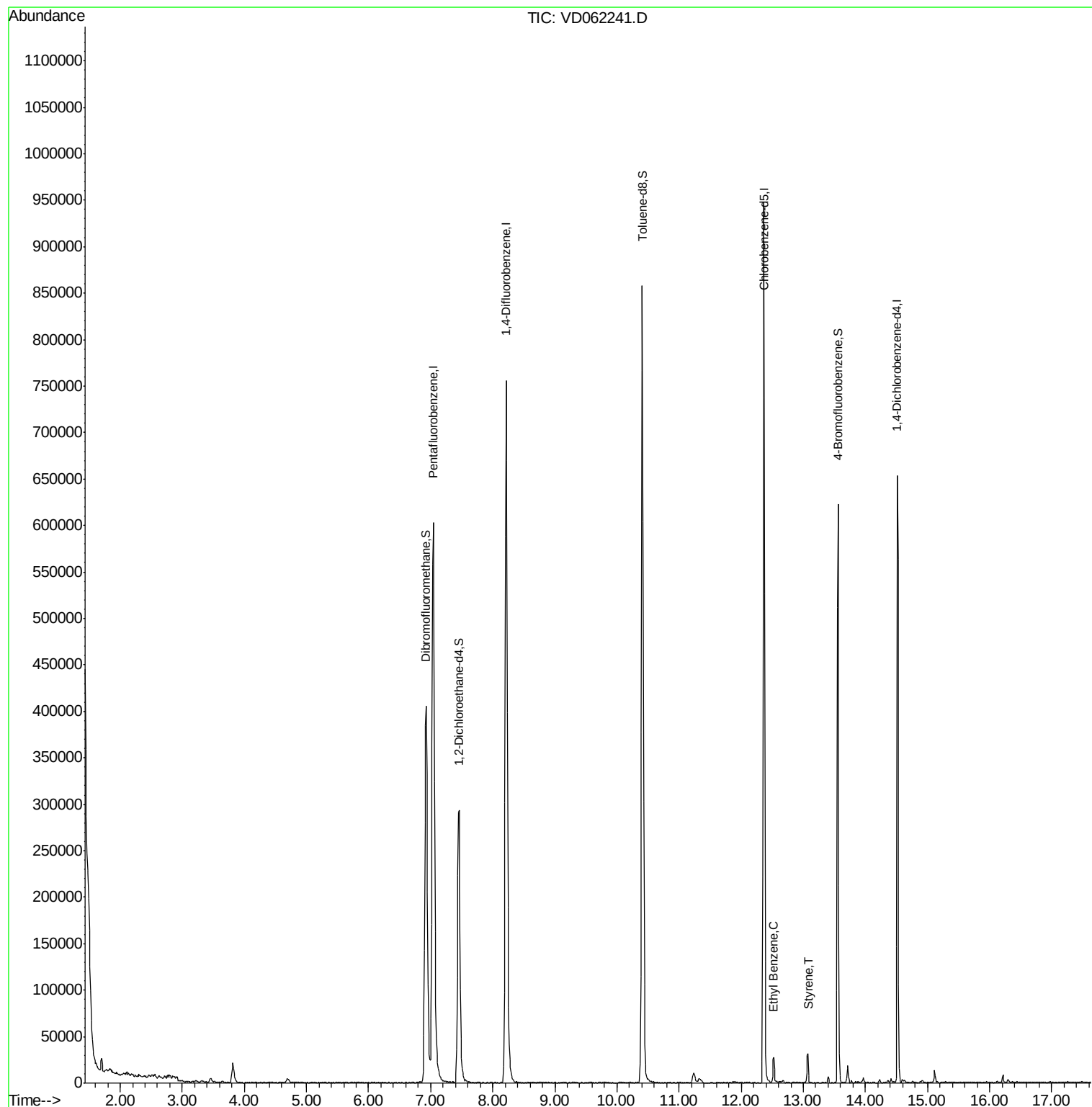
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	607698	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.22	114	824533	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	523456	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	153688	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	343052	60.74	ug/l	0.03
Spiked Amount 50.000			Recovery	=	121.48%	
35) Dibromofluoromethane	6.93	113	383339	56.03	ug/l	0.03
Spiked Amount 50.000			Recovery	=	112.06%	
50) Toluene-d8	10.41	98	712908	43.22	ug/l	0.01
Spiked Amount 50.000			Recovery	=	86.44%	
62) 4-Bromofluorobenzene	13.56	95	181513	27.40	ug/l	0.01
Spiked Amount 50.000			Recovery	=	54.80%	
Target Compounds						
67) Ethyl Benzene	12.53	91	20558	1.260	ug/l	93
70) Styrene	13.08	104	14730	1.575	ug/l	95

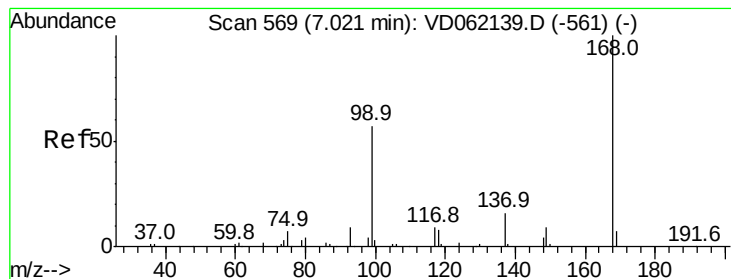
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 07 14:26:29 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. 0.02 min

Lab File: VD062241.D

Acq: 11 May 2019 16:59

Instrument :

MSVOA_D

ClientSampleId :

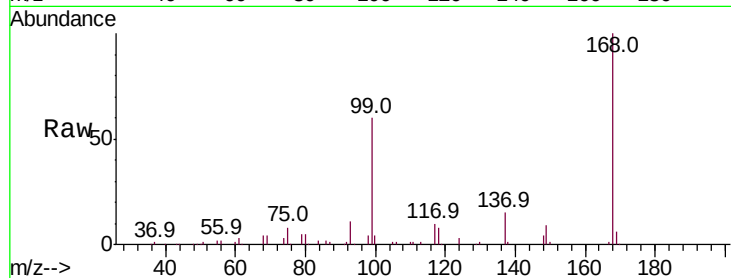
P026-SS006-0206-01RE

Tot Ion:168 Resp: 607698

Ion Ratio Lower Upper

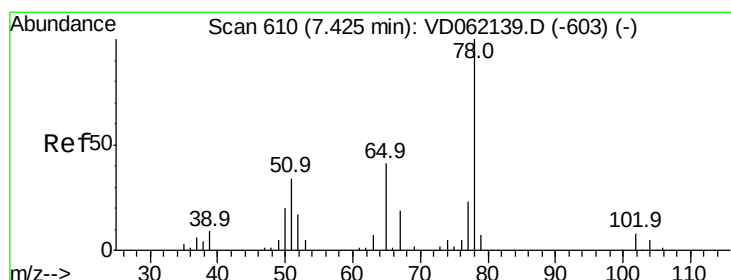
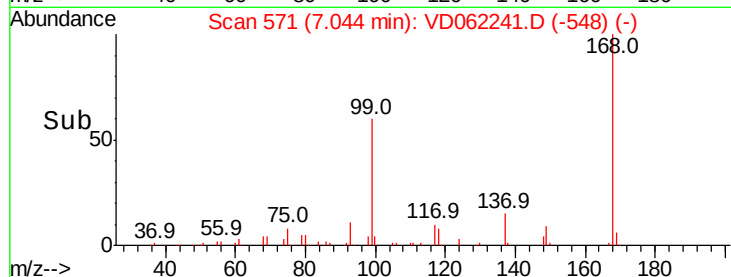
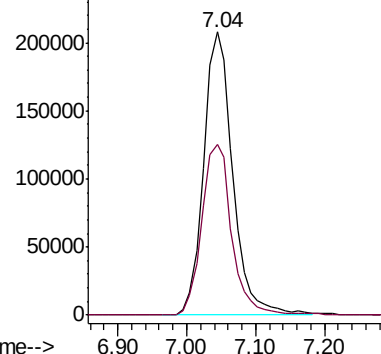
168 100

99 60.1 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 60.745 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.03 min

Lab File: VD062241.D

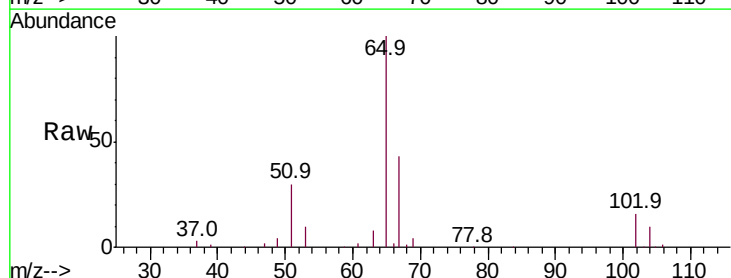
Acq: 11 May 2019 16:59

Tgt Ion: 65 Resp: 343052

Ion Ratio Lower Upper

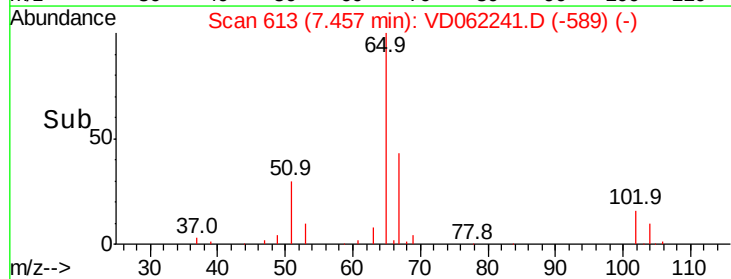
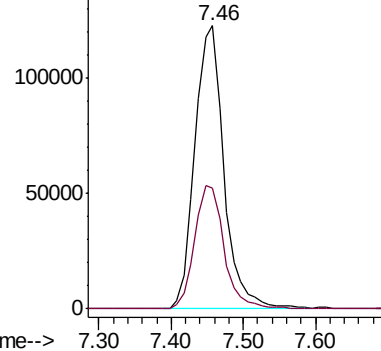
65 100

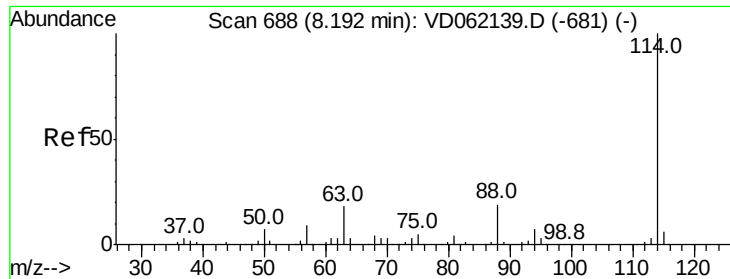
67 42.7 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

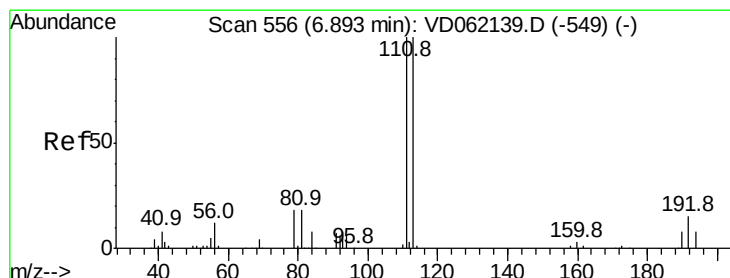
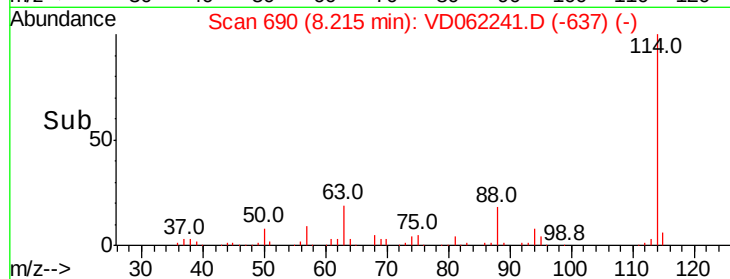
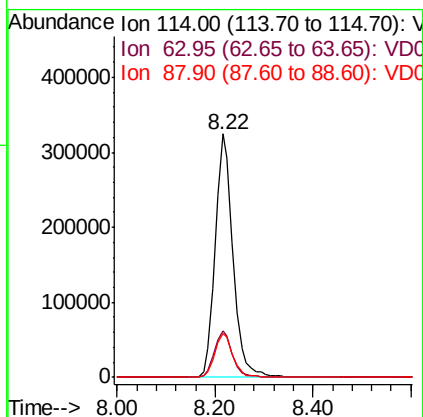
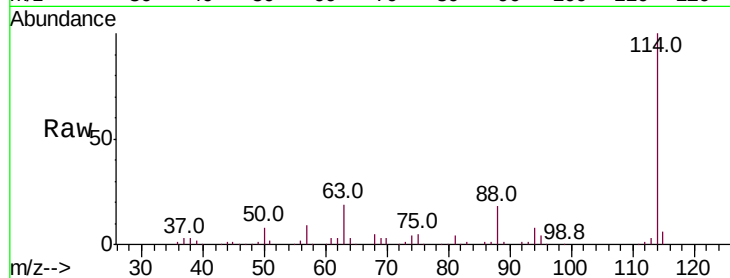




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.02 min
 Lab File: VD062241.D
 Acq: 11 May 2019 16:59

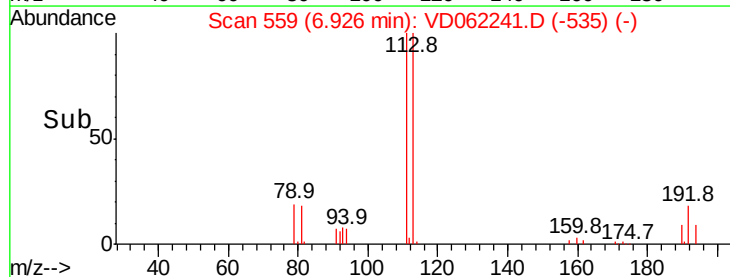
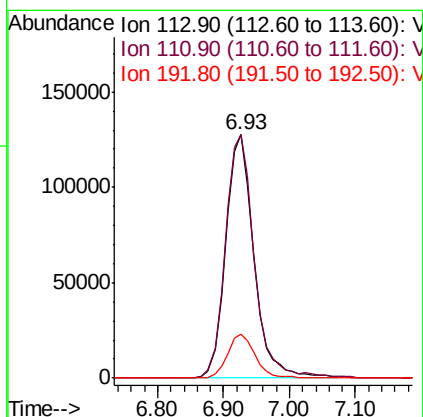
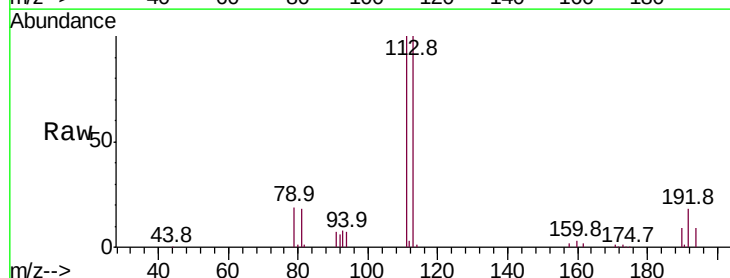
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS006-0206-01RE

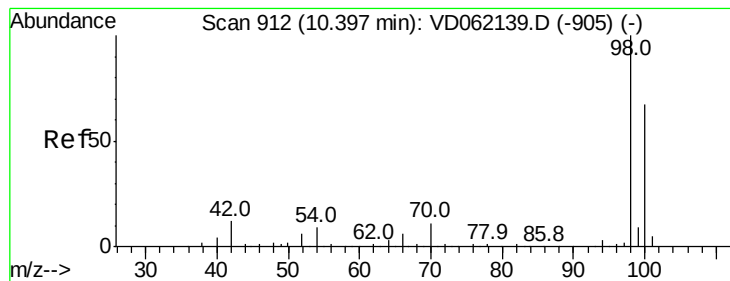
Tot Ion:114 Resp: 824533
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 32.4
 88 18.2 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 56.034 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.03 min
 Lab File: VD062241.D
 Acq: 11 May 2019 16:59

Tgt Ion:113 Resp: 383339
 Ion Ratio Lower Upper
 113 100
 111 100.0 78.5 117.7
 192 18.0 13.0 19.4





#50

Toluene-d8

Concen: 43.220 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD062241.D

Acq: 11 May 2019 16:59

Instrument :

MSVOA_D

ClientSampleId :

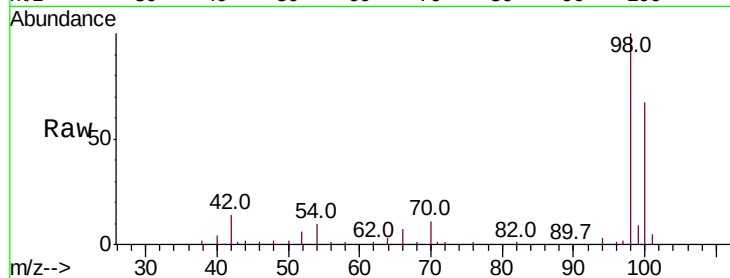
P026-SS006-0206-01RE

Tot Ion: 98 Resp: 712908

Ion Ratio Lower Upper

98 100

100 67.0 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD062139.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD062139.D (-905) (-)

10.41

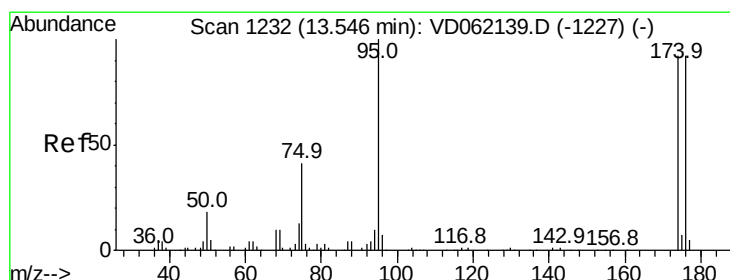
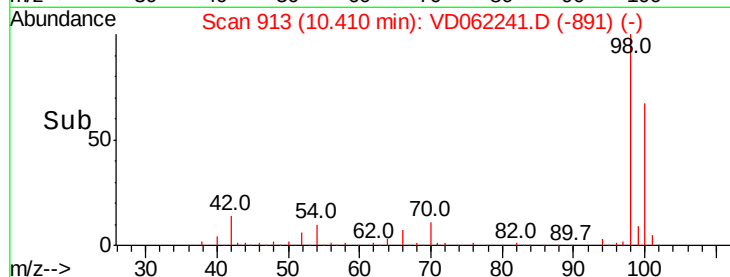
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 27.404 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062241.D

Acq: 11 May 2019 16:59

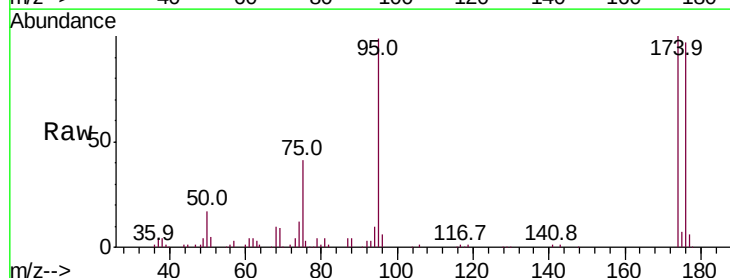
Tgt Ion: 95 Resp: 181513

Ion Ratio Lower Upper

95 100

174 100.6 0.0 181.8

176 97.9 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD062139.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD062139.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD062139.D (-1227) (-)

13.56

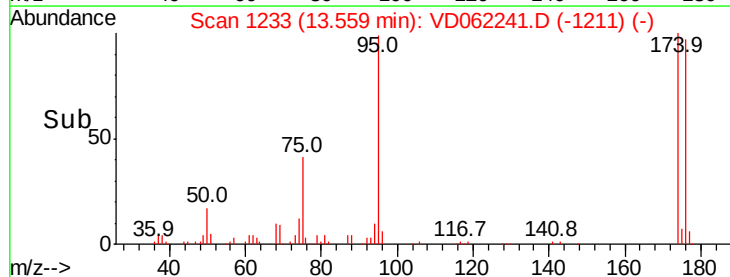
150000

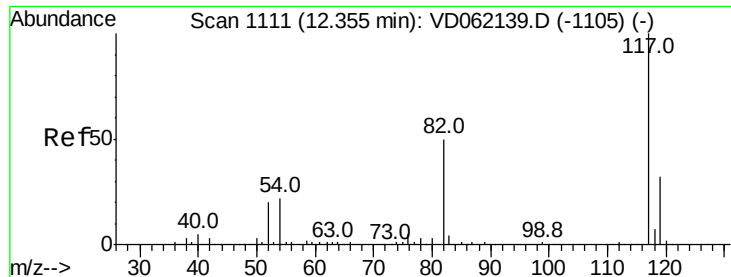
100000

50000

0

Time-->

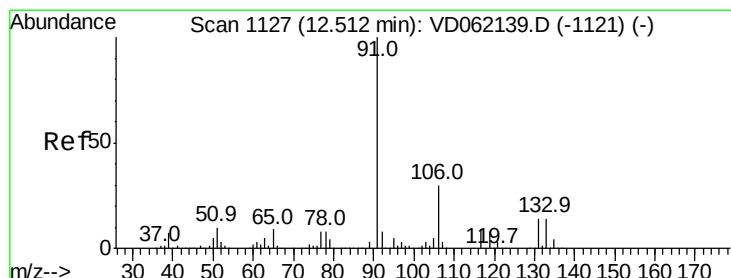
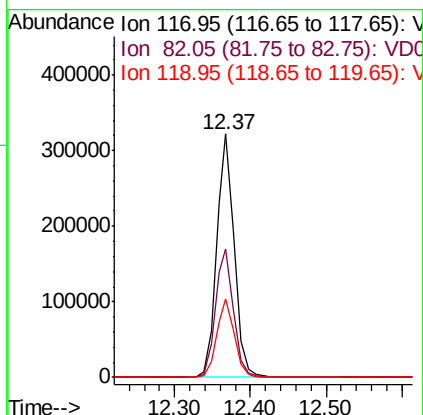
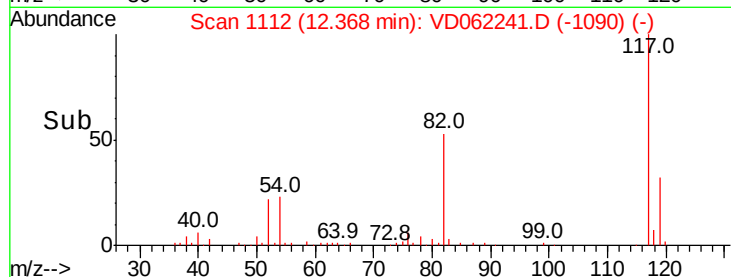
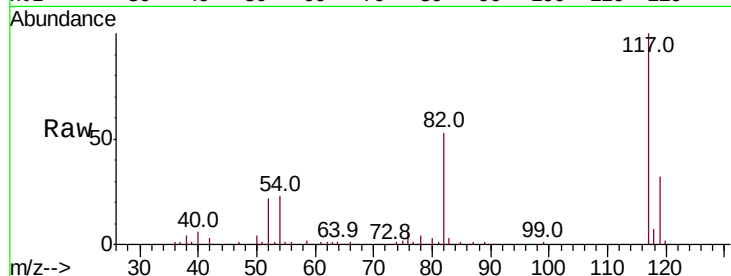




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062241.D
Acq: 11 May 2019 16:59

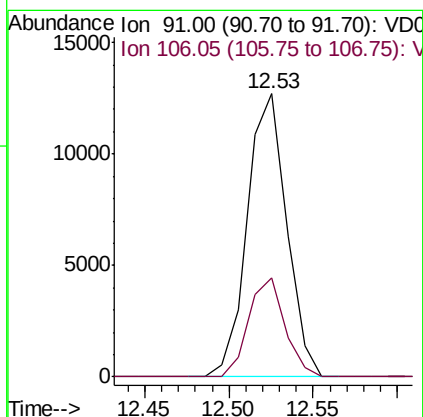
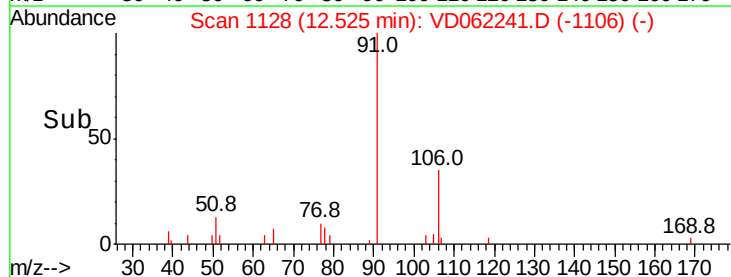
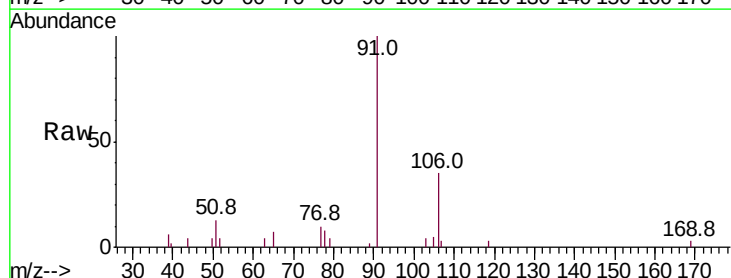
Instrument :
MSVOA_D
ClientSampleId :
P026-SS006-0206-01RE

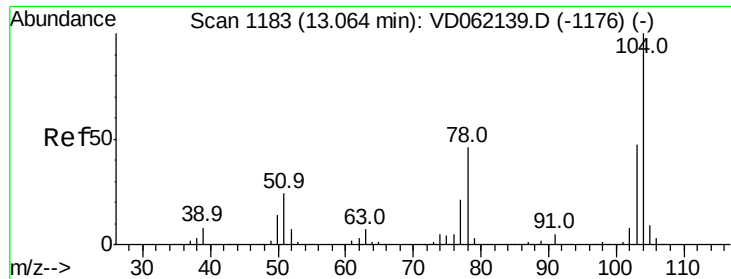
Tot Ion:117 Resp: 523456
Ion Ratio Lower Upper
117 100
82 52.6 36.2 54.2
119 32.0 26.2 39.4



#67
Ethyl Benzene
Concen: 1.260 ug/l
RT: 12.53 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VD062241.D
Acq: 11 May 2019 16:59

Tgt Ion: 91 Resp: 20558
Ion Ratio Lower Upper
91 100
106 34.9 24.7 37.1





#70

Stvrene

Concen: 1.575 ug/l

RT: 13.08 min Scan# 1184

Delta R.T. 0.01 min

Lab File: VD062241.D

Acq: 11 May 2019 16:59

Instrument :

MSVOA_D

ClientSampleId :

P026-SS006-0206-01RE

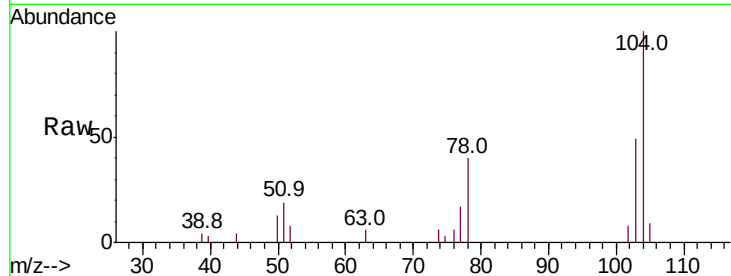
Tot Ion:104 Resp: 14730

Ion Ratio Lower Upper

104 100

78 39.9 35.4 53.2

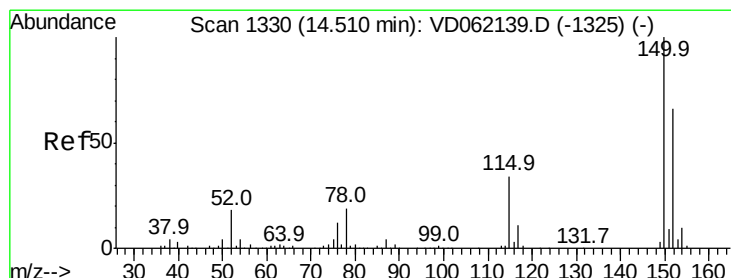
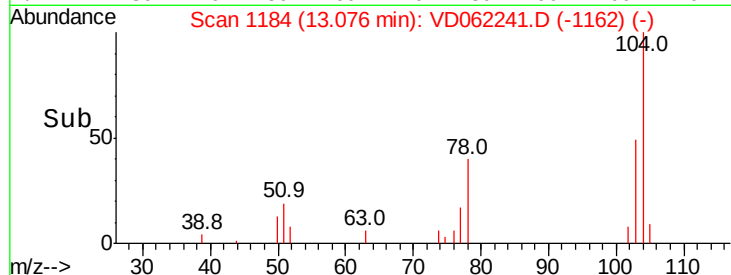
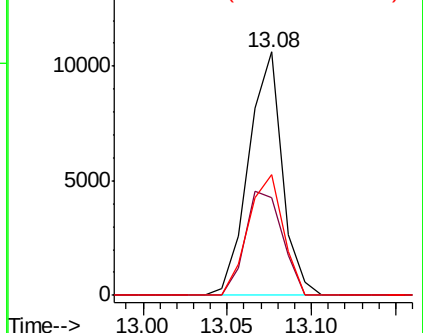
103 49.5 37.5 56.3



Abundance Ion 104.05 (103.75 to 104.75): V

Ion 77.95 (77.65 to 78.65): V

Ion 103.05 (102.75 to 103.75): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.52 min Scan# 1331

Delta R.T. 0.01 min

Lab File: VD062241.D

Acq: 11 May 2019 16:59

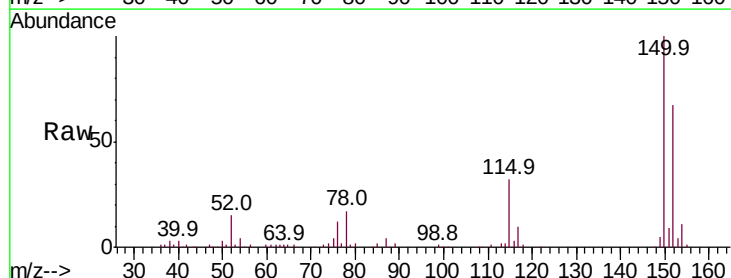
Tgt Ion:152 Resp: 153688

Ion Ratio Lower Upper

152 100

115 47.5 30.9 92.7

150 149.3 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

