

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051219\
 Data File : VD062287.D
 Acq On : 13 May 2019 5:36
 Operator : FY/SY
 Sample : K2733-01RE
 Misc : 5.27g/5mL/MSVOA D/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS001-0002-01RE

Quant Time: May 13 08:58:56 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

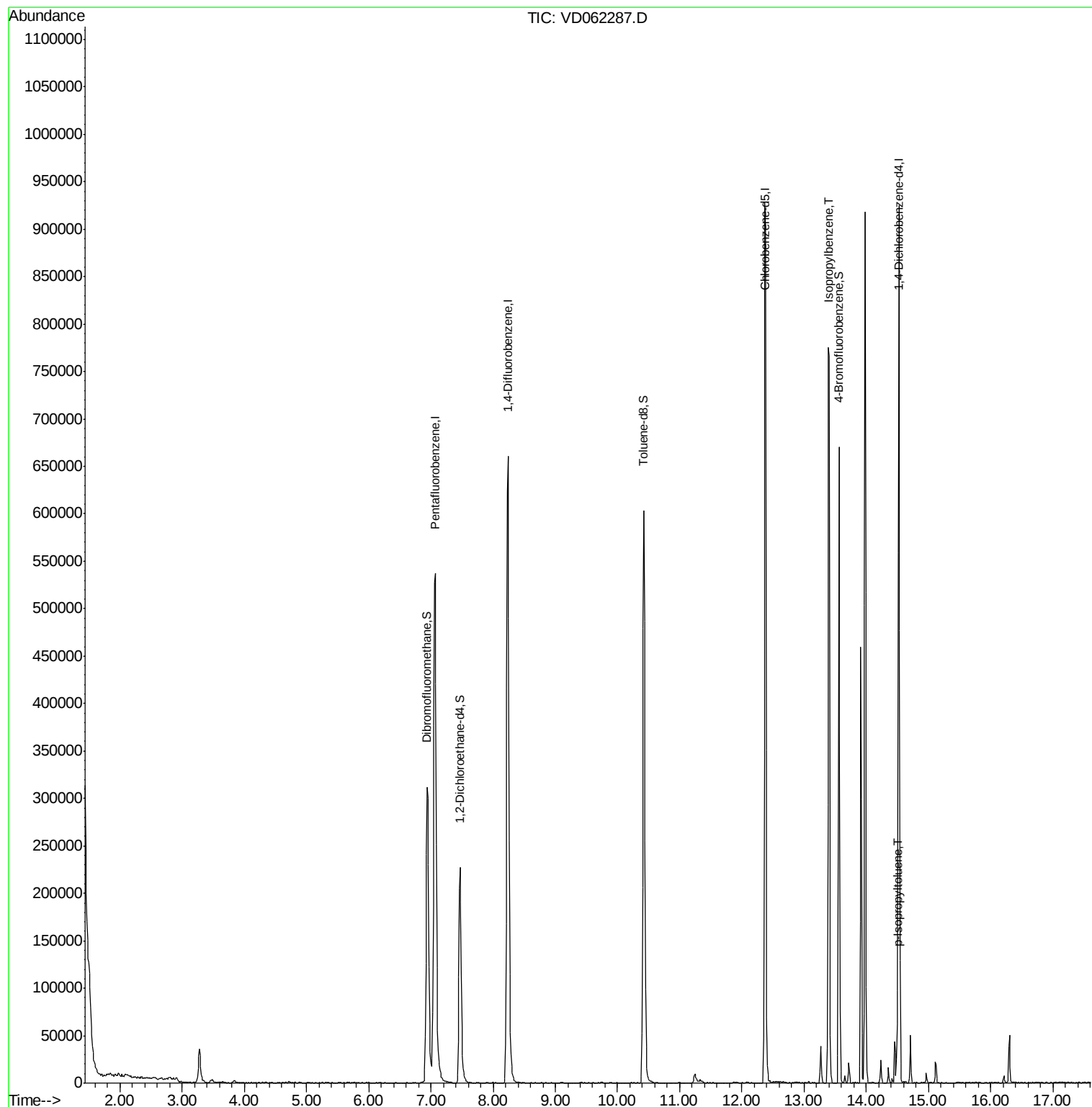
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	513787	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.24	114	712875	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	497278	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	171876	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	261092	54.68	ug/l	0.04
Spiked Amount 50.000			Recovery	=	109.36%	
35) Dibromofluoromethane	6.94	113	282080	47.69	ug/l	0.04
Spiked Amount 50.000			Recovery	=	95.38%	
50) Toluene-d8	10.42	98	487740	34.20	ug/l	0.02
Spiked Amount 50.000			Recovery	=	68.40%	
62) 4-Bromofluorobenzene	13.56	95	174021	30.39	ug/l	0.02
Spiked Amount 50.000			Recovery	=	60.78%	
Target Compounds						
73) Isopropylbenzene	13.40	105	31854	3.092	ug/l #	61
86) p-Isopropyltoluene	14.50	119	25488	2.668	ug/l	88

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 573

Delta R.T. 0.04 min

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MSVOA_D

ClientSampleId :

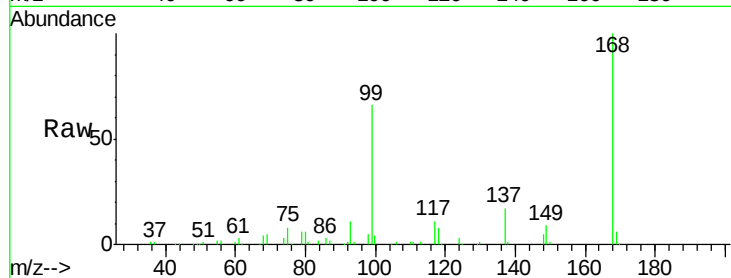
P021-SS001-0002-01RE

Tot Ion:168 Resp: 513787

Ion Ratio Lower Upper

168 100

99 65.7 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.07

200000

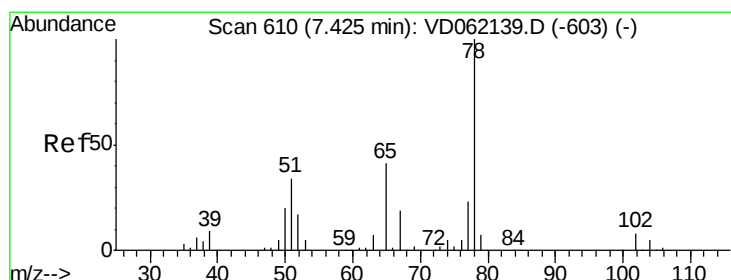
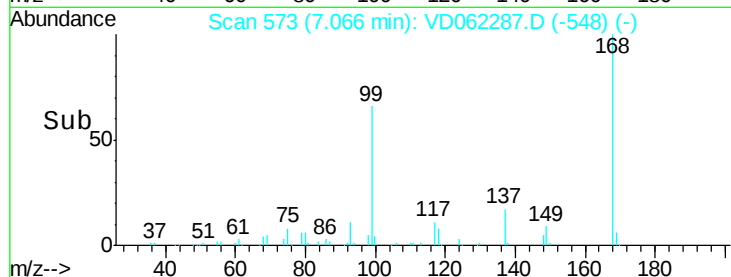
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: 54.683 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.04 min

Lab File: VD062287.D

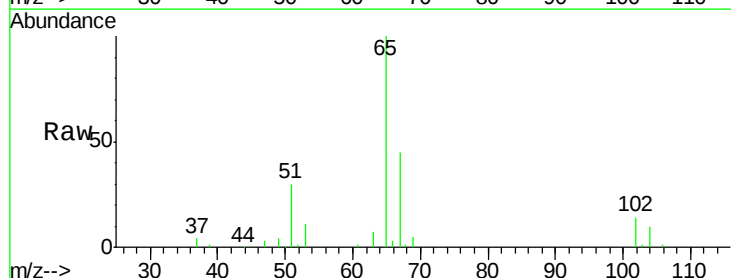
Acq: 13 May 2019 5:36

Tgt Ion: 65 Resp: 261092

Ion Ratio Lower Upper

65 100

67 44.7 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.47

100000

80000

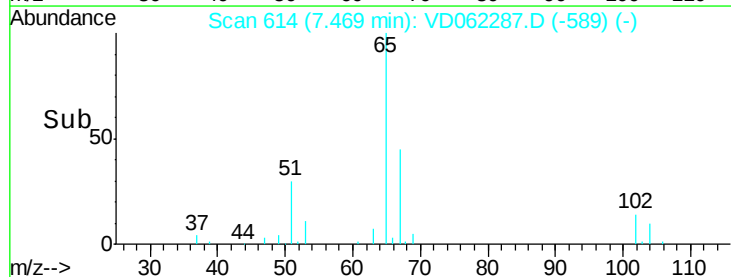
60000

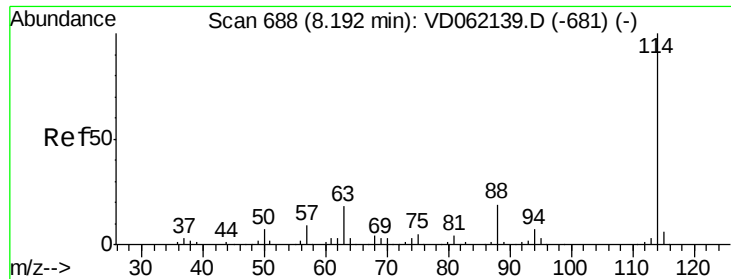
40000

20000

0

Time--> 7.30 7.40 7.50 7.60 7.70





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.24 min Scan# 692

Delta R.T. 0.04 min

Lab File: VD062287.D

Acq: 13 May 2019 5:36

Instrument :

MSVOA_D

ClientSampleId :

P021-SS001-0002-01RE

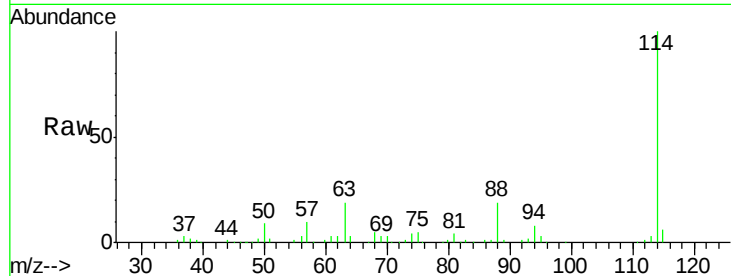
Tot Ion:114 Resp: 712875

Ion Ratio Lower Upper

114 100

63 18.6 0.0 32.4

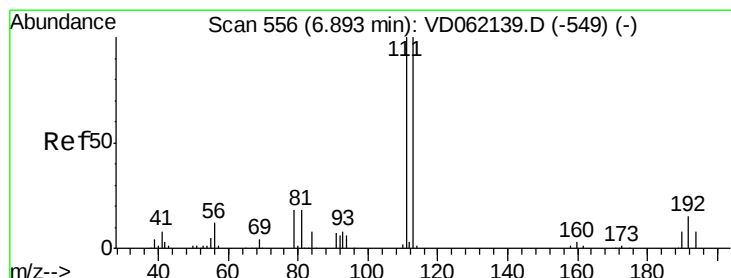
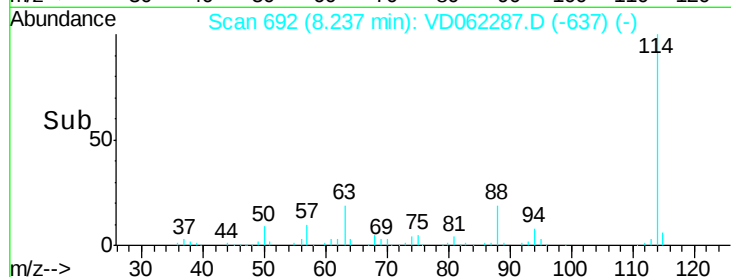
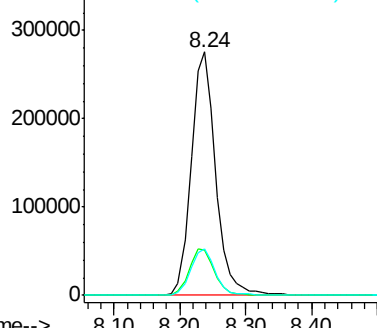
88 19.2 0.0 33.6



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: 47.690 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.04 min

Lab File: VD062287.D

Acq: 13 May 2019 5:36

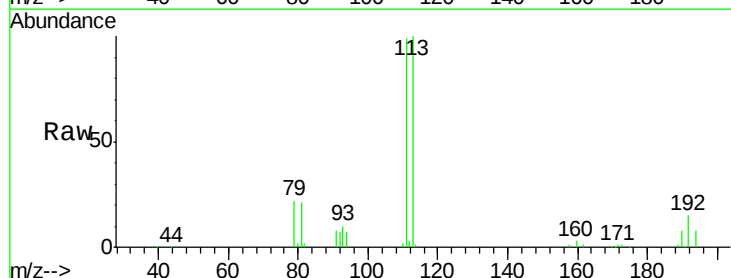
Tgt Ion:113 Resp: 282080

Ion Ratio Lower Upper

113 100

111 99.4 78.5 117.7

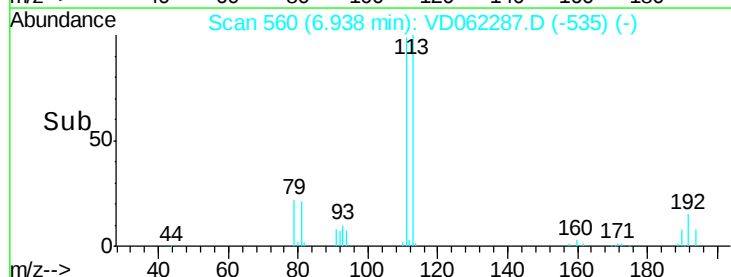
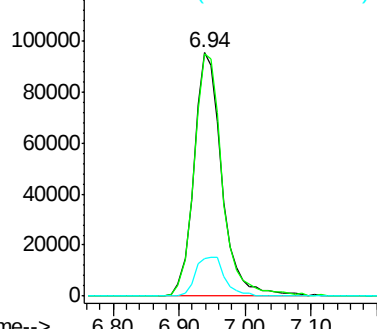
192 15.5 13.0 19.4

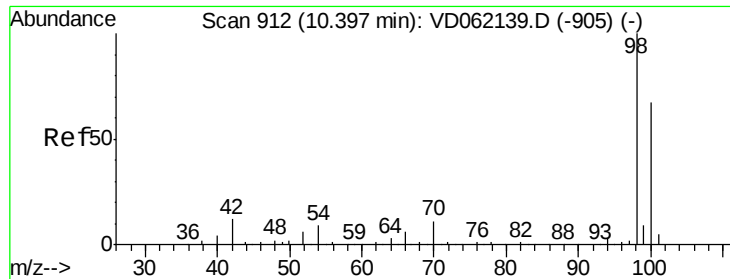


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 34.201 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD062287.D

Acq: 13 May 2019 5:36

Instrument :

MSVOA_D

ClientSampleId :

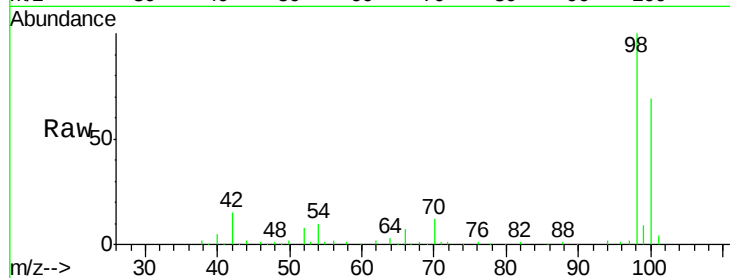
P021-SS001-0002-01RE

Tot Ion: 98 Resp: 487740

Ion Ratio Lower Upper

98 100

100 68.5 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD062287.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD062287.D (-905) (-)

10.42

200000

150000

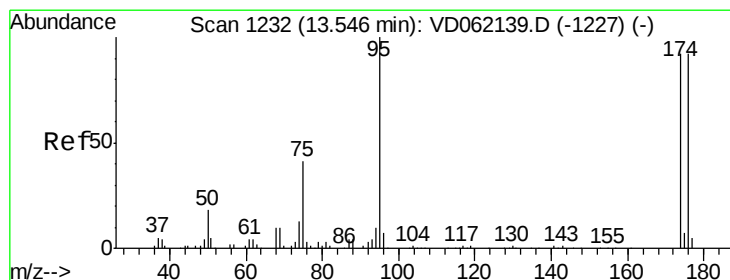
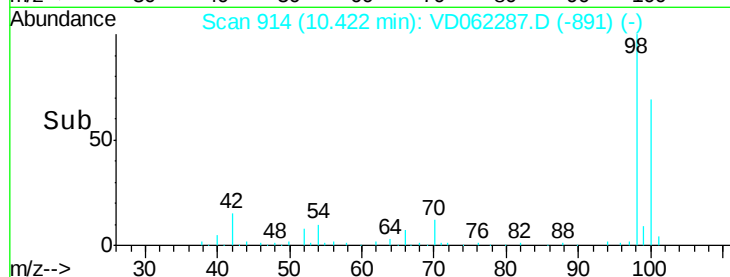
100000

50000

0

10.30 10.40 10.50 10.60

Time-->



#62

4-Bromofluorobenzene

Concen: 30.388 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.02 min

Lab File: VD062287.D

Acq: 13 May 2019 5:36

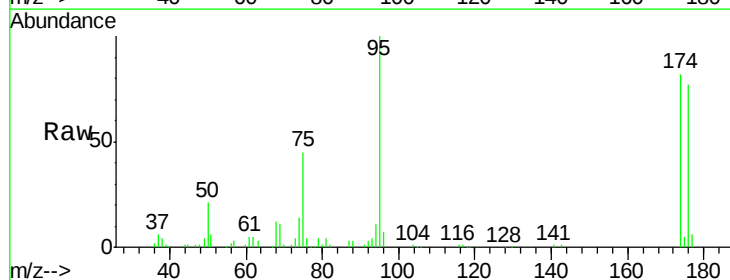
Tgt Ion: 95 Resp: 174021

Ion Ratio Lower Upper

95 100

174 82.2 0.0 181.8

176 77.3 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD062287.D (-1211) (-)

Ion 173.90 (173.60 to 174.60): VD062287.D (-1211) (-)

Ion 175.90 (175.60 to 176.60): VD062287.D (-1211) (-)

13.56

150000

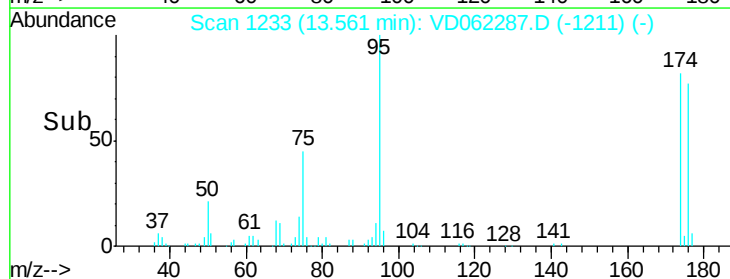
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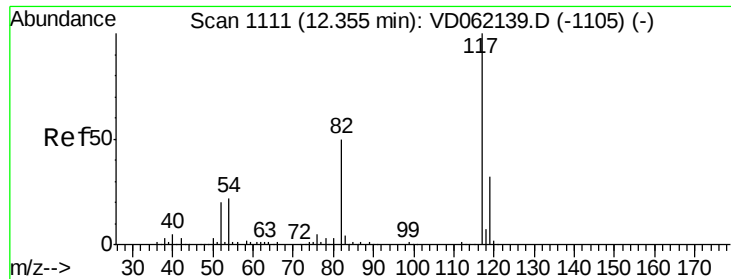
50000

0

13.50 13.55 13.60 13.65

Time-->

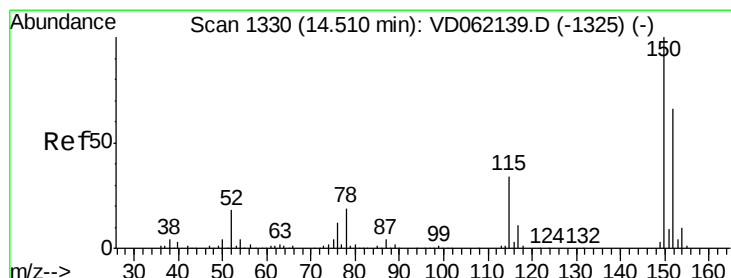
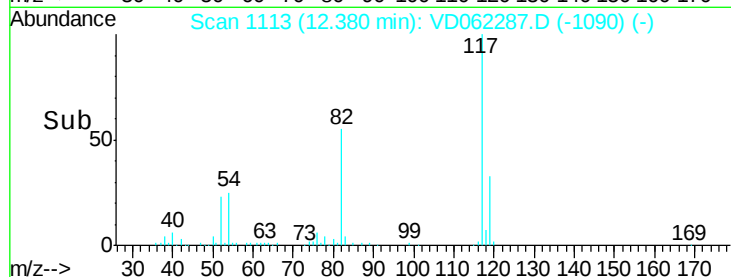
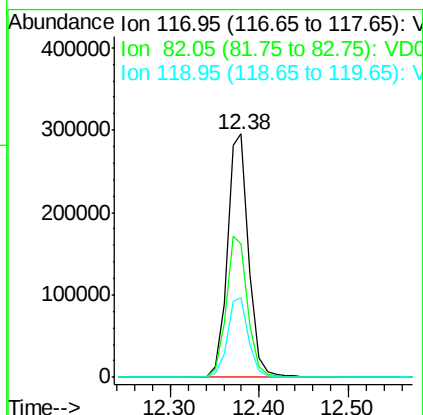
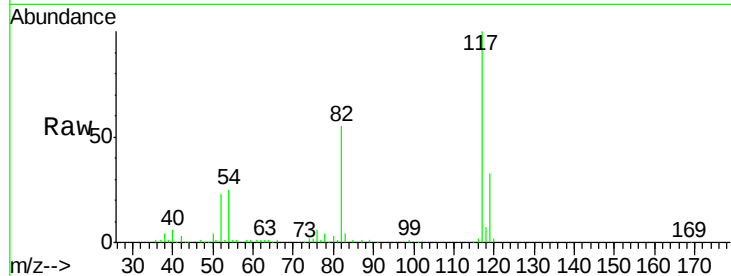




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD062287.D
Acq: 13 May 2019 5:36

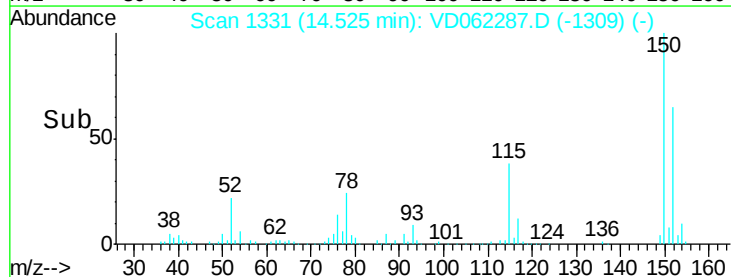
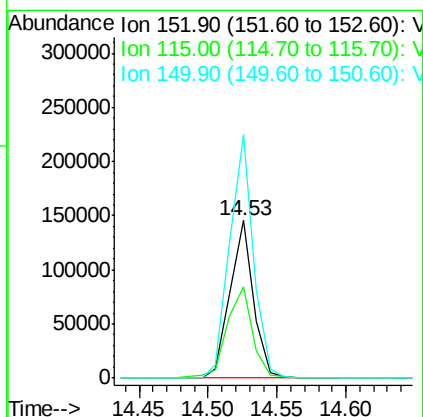
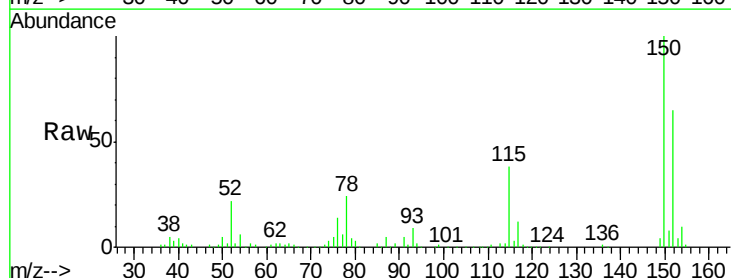
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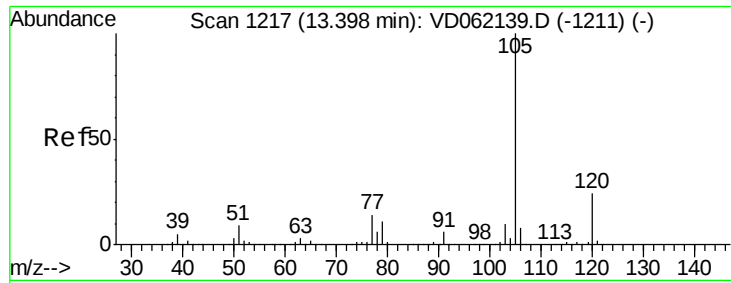
Tot Ion:117 Resp: 497278
Ion Ratio Lower Upper
117 100
82 54.7 36.2 54.2#
119 32.7 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.02 min
Lab File: VD062287.D
Acq: 13 May 2019 5:36

Tgt Ion:152 Resp: 171876
Ion Ratio Lower Upper
152 100
115 58.3 30.9 92.7
150 154.8 0.0 314.8





#73

Isopropylbenzene

Concen: 3.092 ug/l

RT: 13.40 min Scan# 1217

Delta R.T. 0.01 min

Lab File: VD062287.D

Acq: 13 May 2019 5:36

Instrument :

MSVOA_D

ClientSampleId :

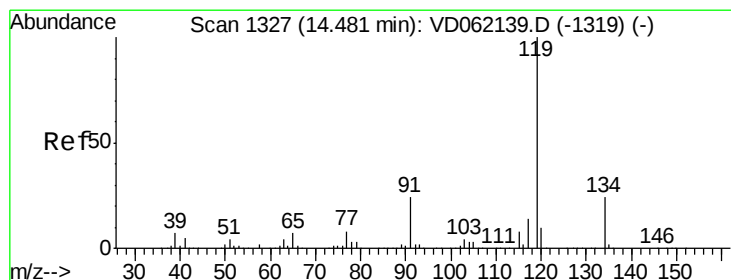
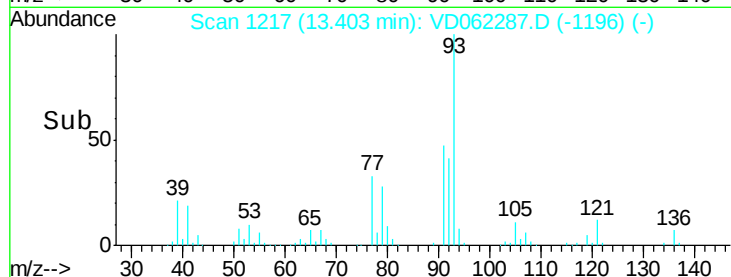
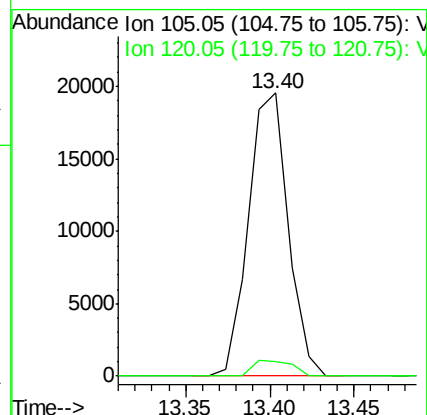
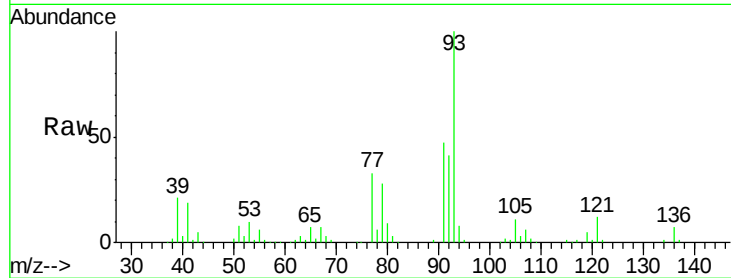
P021-SS001-0002-01RE

Tot Ion:105 Resp: 31854

Ion Ratio Lower Upper

105 100

120 5.0 12.0 36.1#



#86

p-Isopropyltoluene

Concen: 2.668 ug/l

RT: 14.50 min Scan# 1328

Delta R.T. 0.02 min

Lab File: VD062287.D

Acq: 13 May 2019 5:36

Tgt Ion:119 Resp: 25488

Ion Ratio Lower Upper

119 100

134 19.8 12.8 38.3

91 27.6 10.7 32.1

