

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD051419\
 Data File : VD062371.D
 Acq On : 15 May 2019 4:00
 Operator : FY/SY
 Sample : K2735-14RE
 Misc : 5.22g/5mL/MSVOA_D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS017-0206-01RE

Quant Time: May 15 06:36:42 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	322716	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.24	114	434307	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.40	117	355350	50.00	ug/l	0.04
72) 1,4-Dichlorobenzene-d4	14.54	152	160419	50.00	ug/l	0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.48	65	173710	57.92	ug/l	0.05
Spiked Amount 50.000			Recovery	=	115.84%	
35) Dibromofluoromethane	6.95	113	175327	48.65	ug/l	0.06
Spiked Amount 50.000			Recovery	=	97.30%	
50) Toluene-d8	10.44	98	271281	31.22	ug/l	0.04
Spiked Amount 50.000			Recovery	=	62.44%	
62) 4-Bromofluorobenzene	13.58	95	121497	34.82	ug/l	0.03
Spiked Amount 50.000			Recovery	=	69.64%	

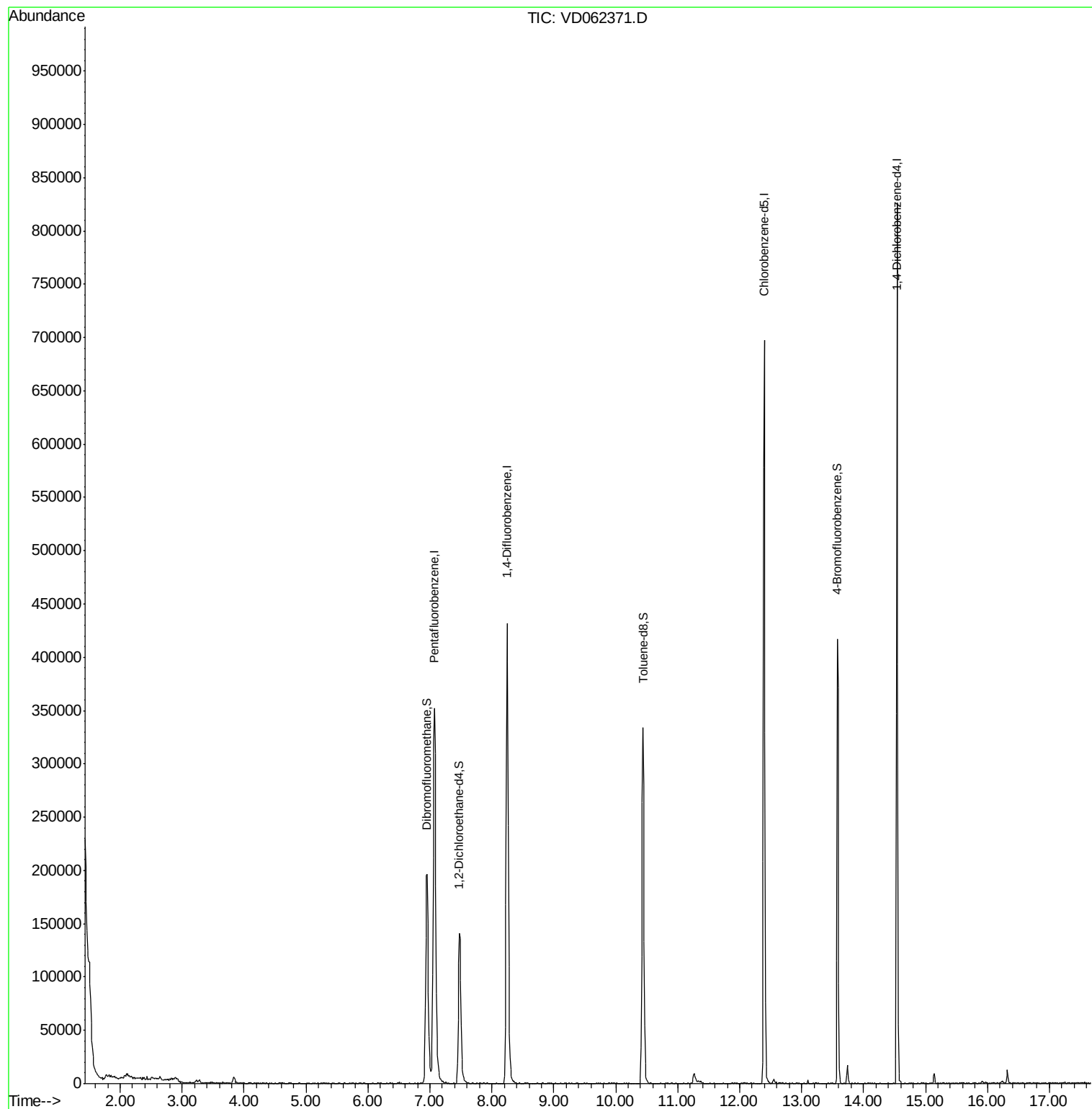
Target Compounds	Qvalue
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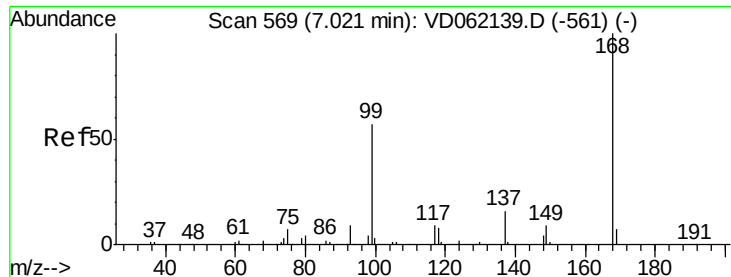
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 574

Delta R.T. 0.05 min

Lab File: VD062371.D

Acq: 15 May 2019 4:00

Instrument :

MSVOA_D

ClientSampleId :

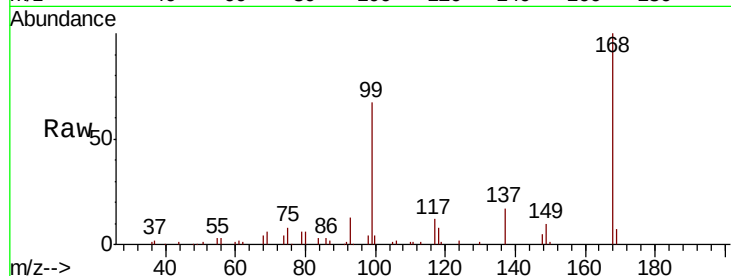
P026-SS017-0206-01RE

Tgt Ion: 168 Resp: 322716

Ion Ratio Lower Upper

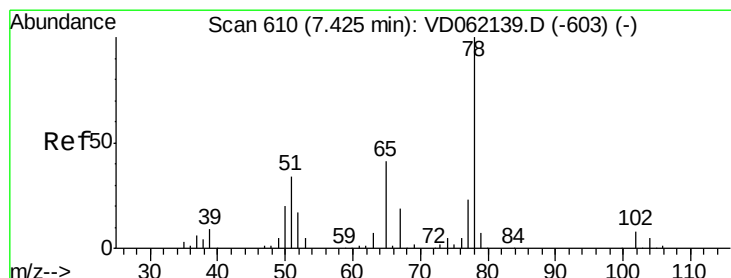
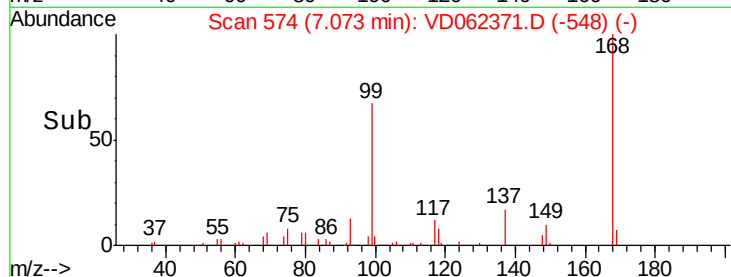
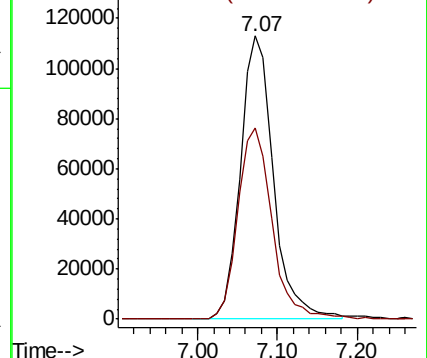
168 100

99 67.4 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: 57.922 ug/l

RT: 7.48 min Scan# 615

Delta R.T. 0.05 min

Lab File: VD062371.D

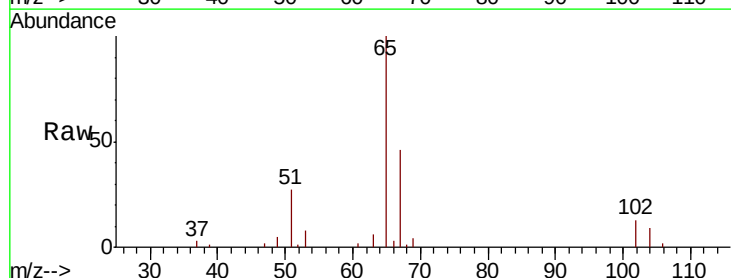
Acq: 15 May 2019 4:00

Tgt Ion: 65 Resp: 173710

Ion Ratio Lower Upper

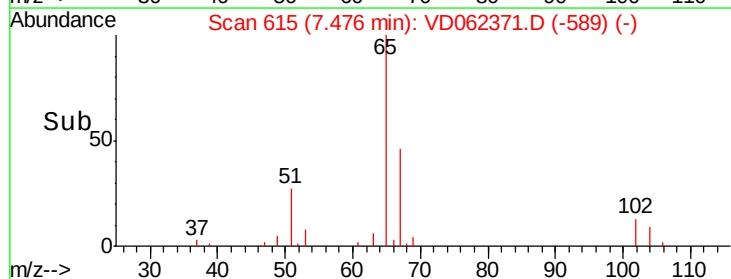
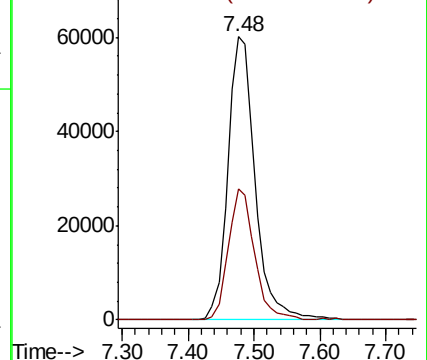
65 100

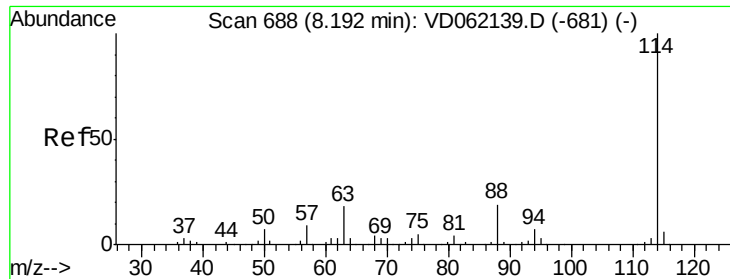
67 46.4 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

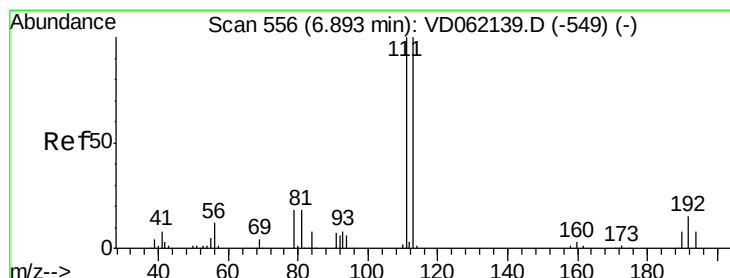
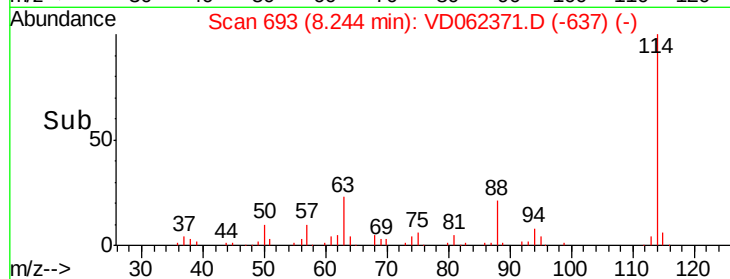
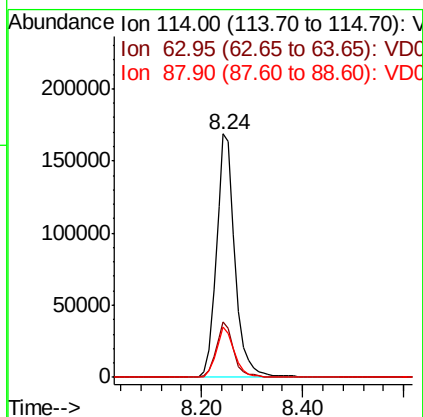
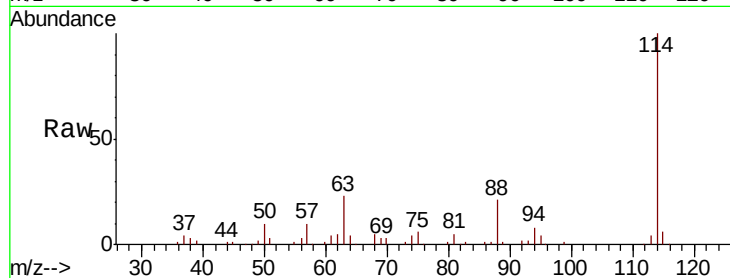




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 693
 Delta R.T. 0.05 min
 Lab File: VD062371.D
 Acq: 15 May 2019 4:00

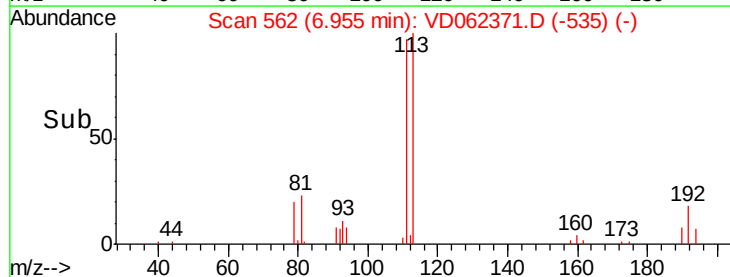
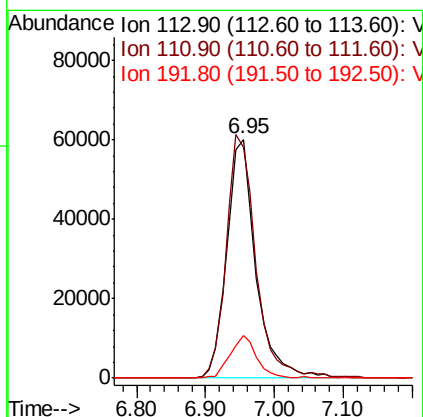
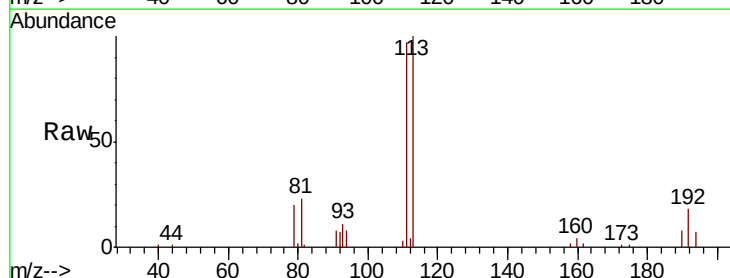
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS017-0206-01RE

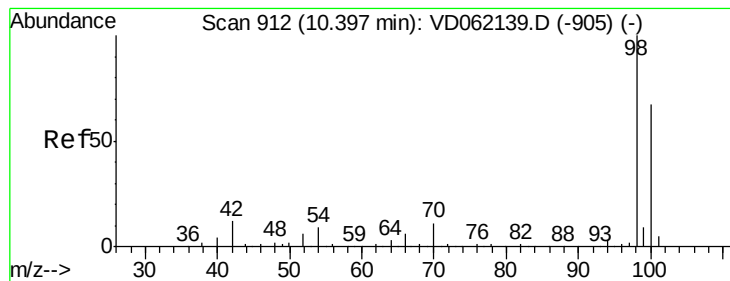
Tgt Ion:114 Resp: 434307
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 32.4
 88 20.8 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 48.655 ug/l
 RT: 6.95 min Scan# 562
 Delta R.T. 0.06 min
 Lab File: VD062371.D
 Acq: 15 May 2019 4:00

Tgt Ion:113 Resp: 175327
 Ion Ratio Lower Upper
 113 100
 111 96.8 78.5 117.7
 192 17.7 13.0 19.4





#50

Toluene-d8

Concen: 31.224 ug/l

RT: 10.44 min Scan# 916

Delta R.T. 0.04 min

Lab File: VD062371.D

Acq: 15 May 2019 4:00

Instrument :

MSVOA_D

ClientSampleId :

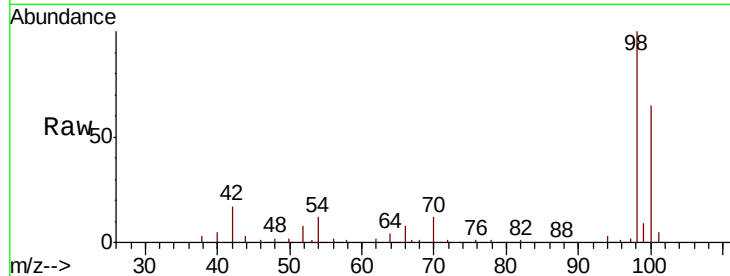
P026-SS017-0206-01RE

Tgt Ion: 98 Resp: 271281

Ion Ratio Lower Upper

98 100

100 64.6 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD062371.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD062371.D (-905) (-)

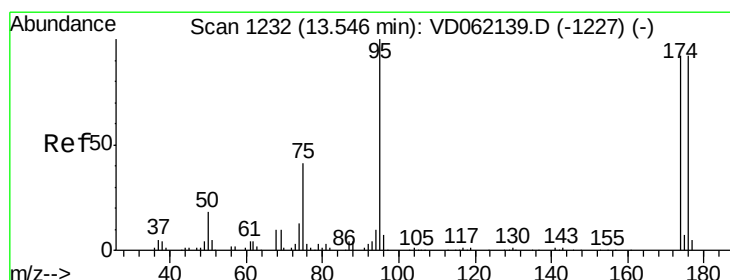
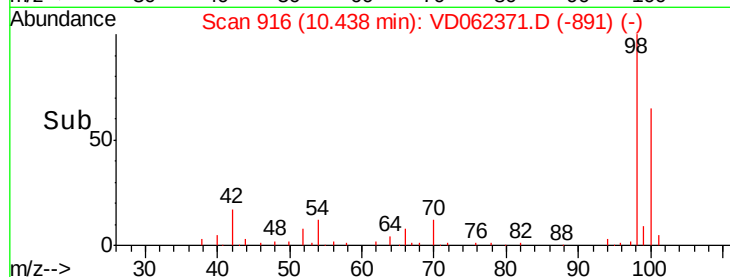
10.44

100000

50000

0

Time--> 10.30 10.40 10.50 10.60



#62

4-Bromofluorobenzene

Concen: 34.824 ug/l

RT: 13.58 min Scan# 1235

Delta R.T. 0.03 min

Lab File: VD062371.D

Acq: 15 May 2019 4:00

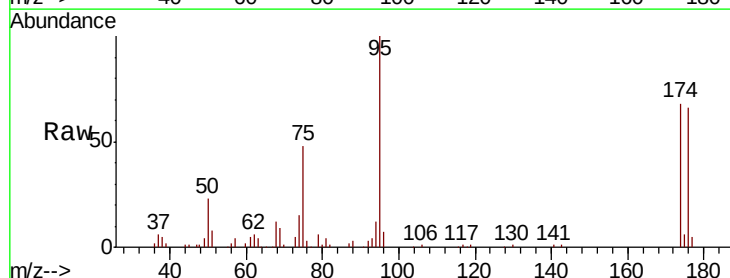
Tgt Ion: 95 Resp: 121497

Ion Ratio Lower Upper

95 100

174 68.3 0.0 181.8

176 65.6 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD062371.D (-1211) (-)

Ion 173.90 (173.60 to 174.60): VD062371.D (-1211) (-)

Ion 175.90 (175.60 to 176.60): VD062371.D (-1211) (-)

120000

100000

80000

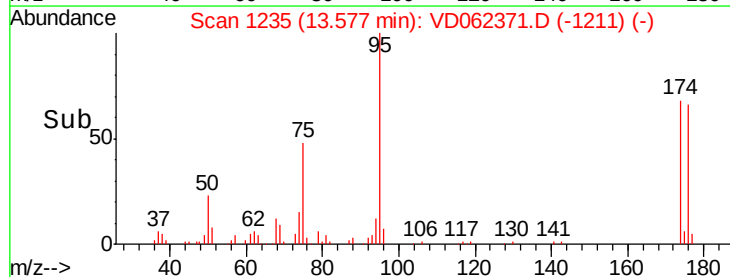
60000

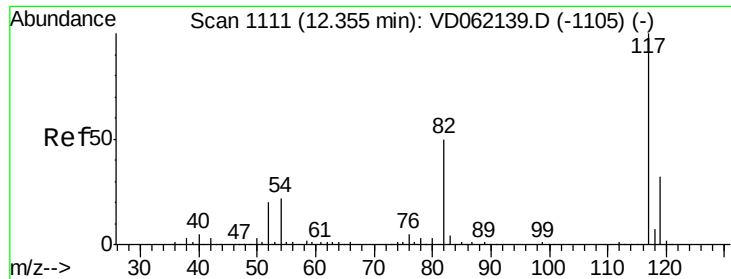
40000

20000

0

Time--> 13.50 13.55 13.60 13.65

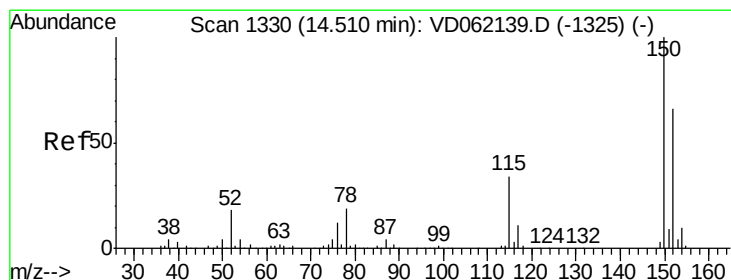
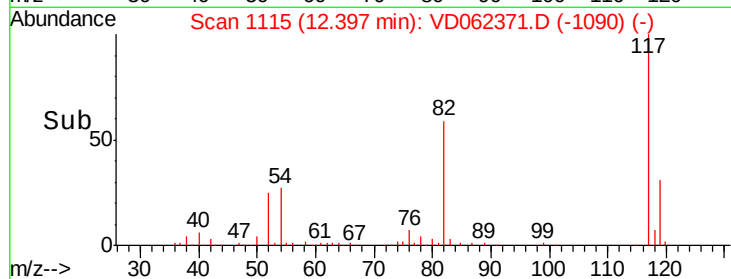
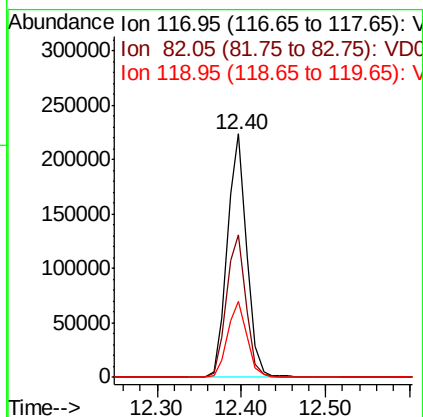
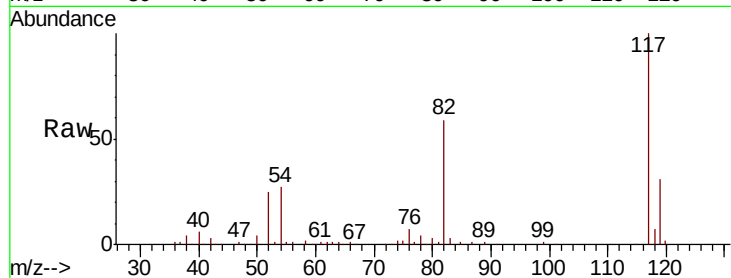




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.40 min Scan# 1115
Delta R.T. 0.04 min
Lab File: VD062371.D
Acq: 15 May 2019 4:00

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Tgt Ion:117 Resp: 355350
Ion Ratio Lower Upper
117 100
82 58.5 36.2 54.2#
119 31.3 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.54 min Scan# 1333
Delta R.T. 0.03 min
Lab File: VD062371.D
Acq: 15 May 2019 4:00

Tgt Ion:152 Resp: 160419
Ion Ratio Lower Upper
152 100
115 61.1 30.9 92.7
150 157.8 0.0 314.8

