

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052119\
 Data File : VD062489.D
 Acq On : 21 May 2019 18:52
 Operator : VA/AP
 Sample : K2971-10
 Misc : 6.41g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SUP-2A-G-10-052019

Quant Time: May 22 03:21:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 03:32:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	542036	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.21	114	718765	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.36	117	603861	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	321038	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	177246	30.55	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	61.10%	
35) Dibromofluoromethane	6.91	113	240945	37.16	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	74.32%	
50) Toluene-d8	10.41	98	480897	33.89	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	67.78%	
62) 4-Bromofluorobenzene	13.56	95	227488	36.65	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	73.30%	

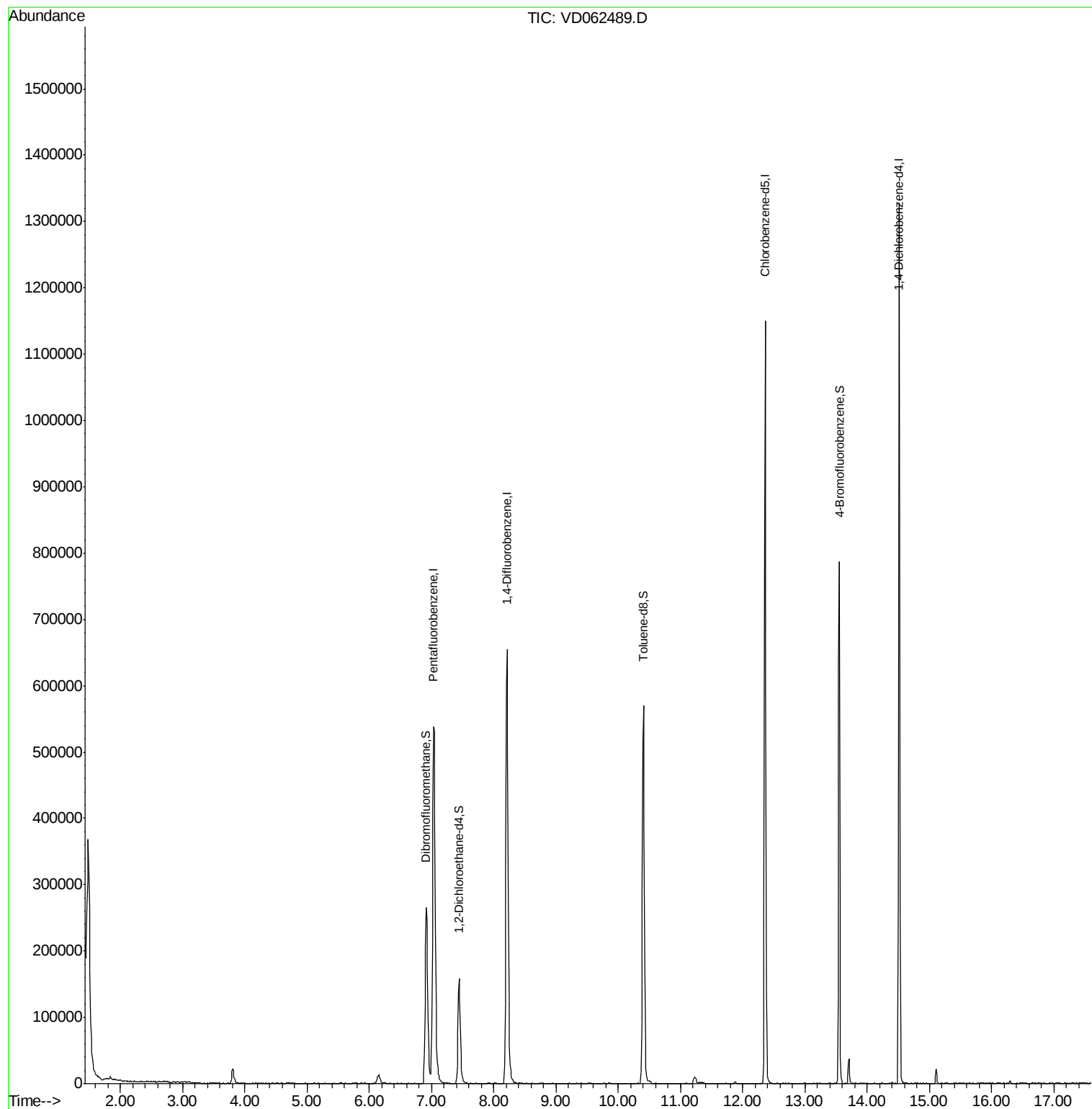
Target Compounds	Qvalue

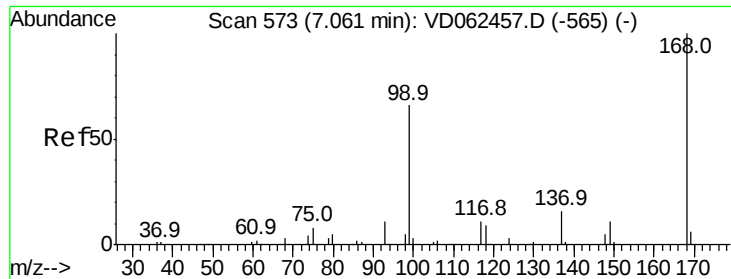
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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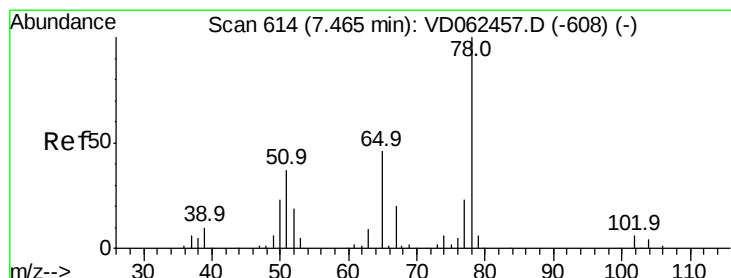
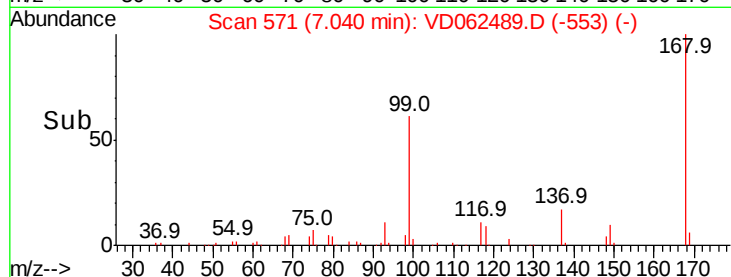
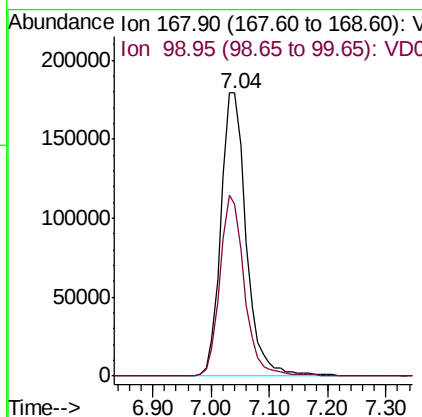
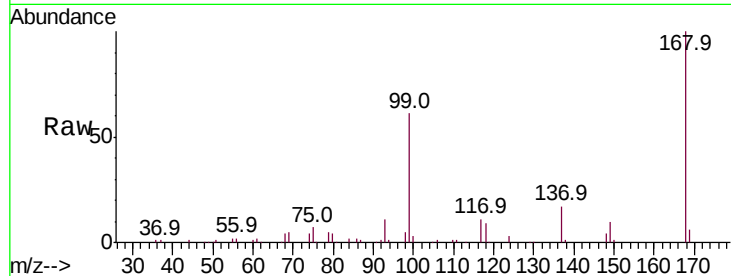




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 571
Delta R.T. -0.02 min
Lab File: VD062489.D
Acq: 21 May 2019 18:52

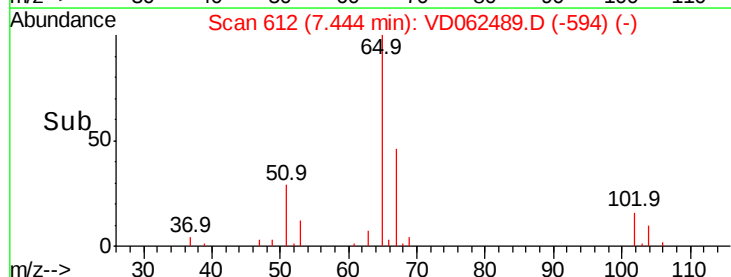
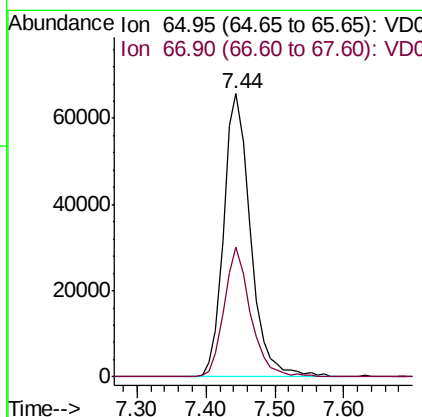
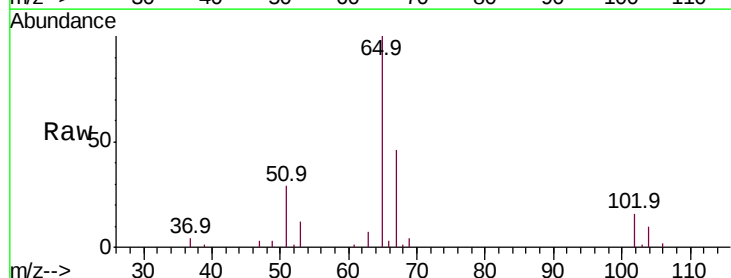
Instrument :
MSVOA_D
ClientSampleId :
SUP-2A-G-10-052019

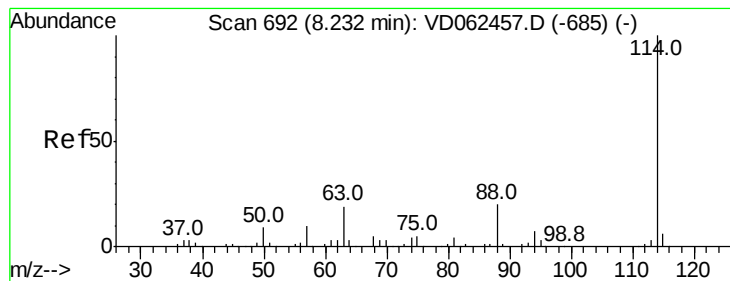
Tot Ion:168 Resp: 542036
Ion Ratio Lower Upper
168 100
99 60.7 46.5 69.7



#33
1,2-Dichloroethane-d4
Concen: 30.548 ug/l
RT: 7.44 min Scan# 612
Delta R.T. -0.02 min
Lab File: VD062489.D
Acq: 21 May 2019 18:52

Tgt Ion: 65 Resp: 177246
Ion Ratio Lower Upper
65 100
67 45.7 0.0 98.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 690

Delta R.T. -0.02 min

Lab File: VD062489.D

Acq: 21 May 2019 18:52

Instrument :

MSVOA_D

ClientSampleId :

SUP-2A-G-10-052019

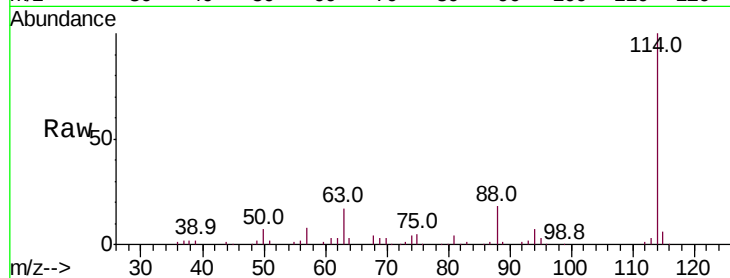
Tot Ion:114 Resp: 718765

Ion Ratio Lower Upper

114 100

63 17.4 0.0 32.4

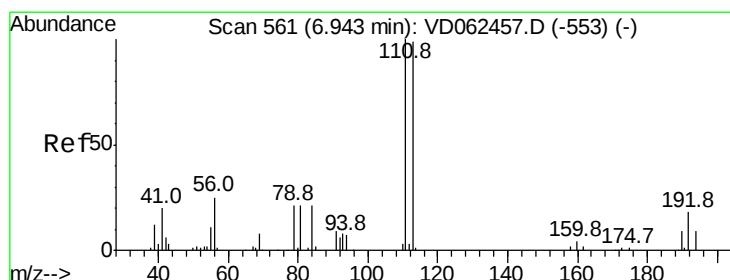
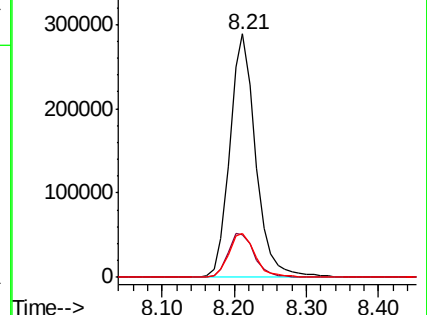
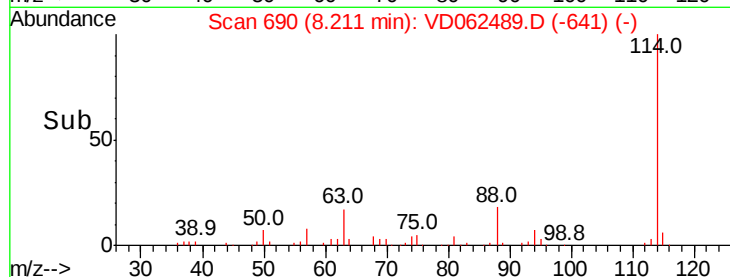
88 18.0 0.0 33.6



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: 37.159 ug/l

RT: 6.91 min Scan# 558

Delta R.T. -0.03 min

Lab File: VD062489.D

Acq: 21 May 2019 18:52

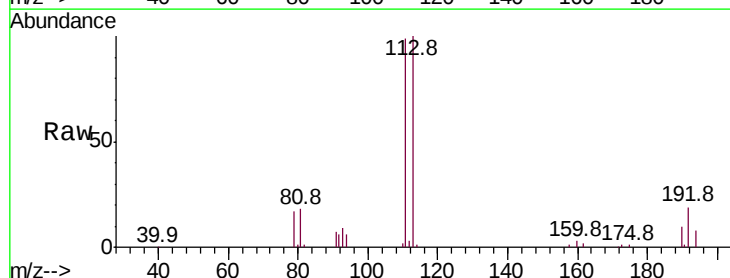
Tgt Ion:113 Resp: 240945

Ion Ratio Lower Upper

113 100

111 99.3 78.5 117.7

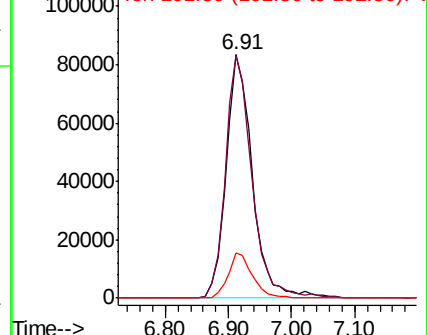
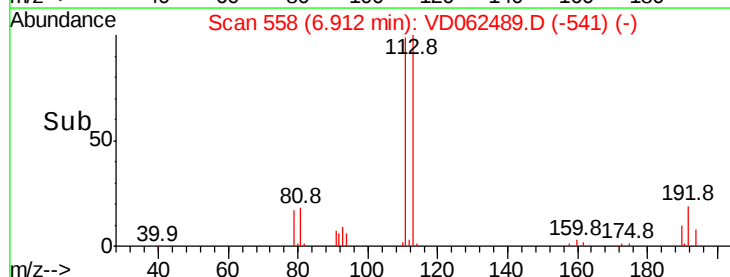
192 18.6 13.0 19.4

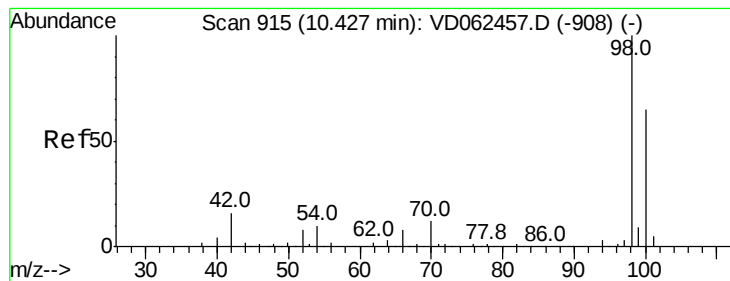


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 33.890 ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.02 min

Lab File: VD062489.D

Acq: 21 May 2019 18:52

Instrument :

MSVOA_D

ClientSampleId :

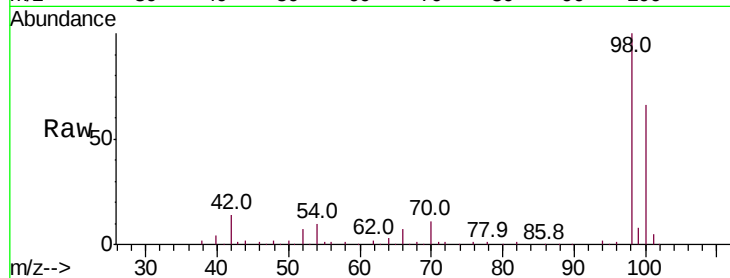
SUP-2A-G-10-052019

Tot Ion: 98 Resp: 480897

Ion Ratio Lower Upper

98 100

100 65.5 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD062457.D (-908) (-)

Ion 100.05 (99.75 to 100.75): VD062457.D (-908) (-)

10.41

250000

200000

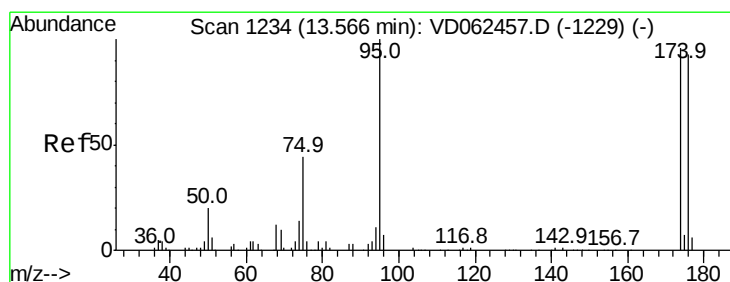
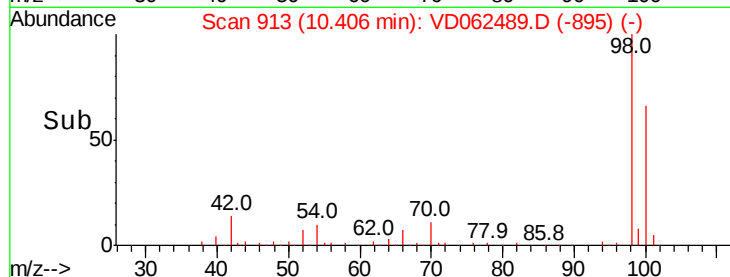
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 36.649 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.01 min

Lab File: VD062489.D

Acq: 21 May 2019 18:52

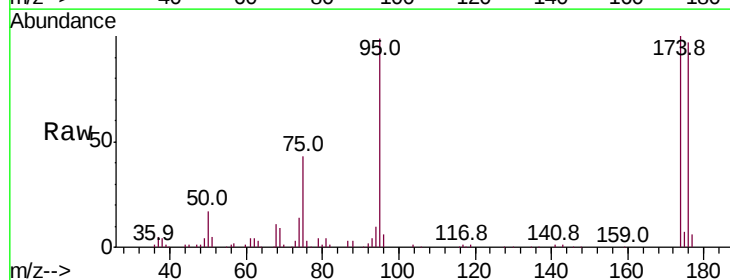
Tgt Ion: 95 Resp: 227488

Ion Ratio Lower Upper

95 100

174 100.6 0.0 181.8

176 97.7 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD062457.D (-1229) (-)

Ion 173.90 (173.60 to 174.60): VD062457.D (-1229) (-)

Ion 175.90 (175.60 to 176.60): VD062457.D (-1229) (-)

13.56

200000

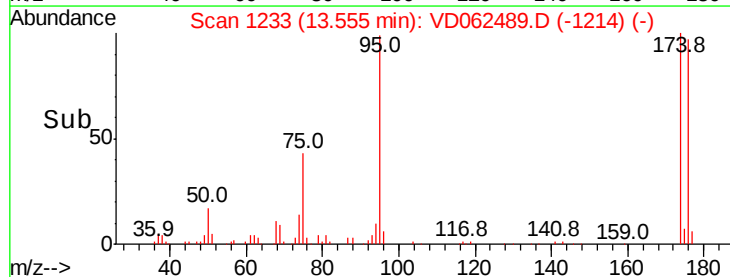
150000

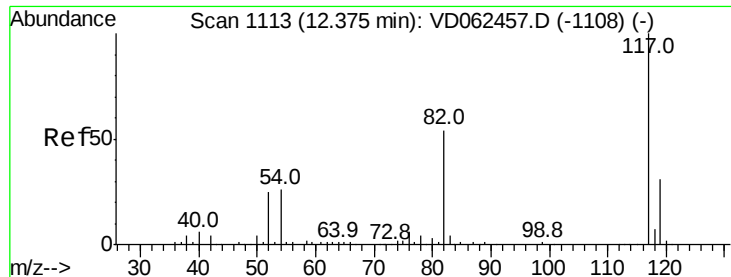
100000

50000

0

Time-->

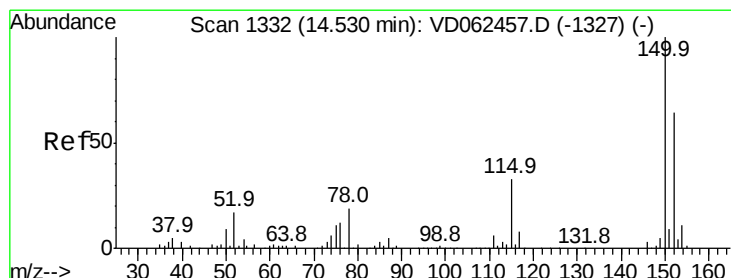
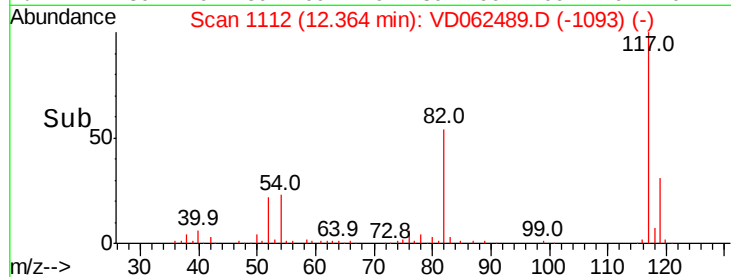
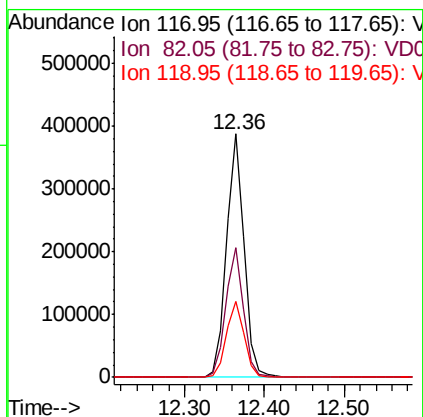
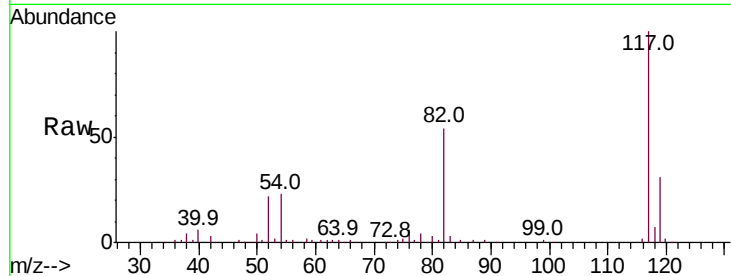




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD062489.D
Acq: 21 May 2019 18:52

Instrument :
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SUP-2A-G-10-052019

Tot Ion:117 Resp: 603861
Ion Ratio Lower Upper
117 100
82 53.5 36.2 54.2
119 31.3 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. -0.01 min
Lab File: VD062489.D
Acq: 21 May 2019 18:52

Tgt Ion:152 Resp: 321038
Ion Ratio Lower Upper
152 100
115 52.9 30.9 92.7
150 155.2 0.0 314.8

