

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052119\
 Data File : VD062488.D
 Acq On : 21 May 2019 18:25
 Operator : VA/AP
 Sample : K2971-09
 Misc : 5.21g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SUP-2A-G-9-052019

Quant Time: May 22 03:20:24 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	604354	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	825077	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.36	117	644992	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	361887	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	220090	34.02	ug/l	-0.01
Spiked Amount			Recovery	=	68.04%	
35) Dibromofluoromethane	6.92	113	267756	35.97	ug/l	-0.02
Spiked Amount			Recovery	=	71.94%	
50) Toluene-d8	10.40	98	534232	32.80	ug/l	-0.02
Spiked Amount			Recovery	=	65.60%	
62) 4-Bromofluorobenzene	13.55	95	256391	35.98	ug/l	-0.01
Spiked Amount			Recovery	=	71.96%	

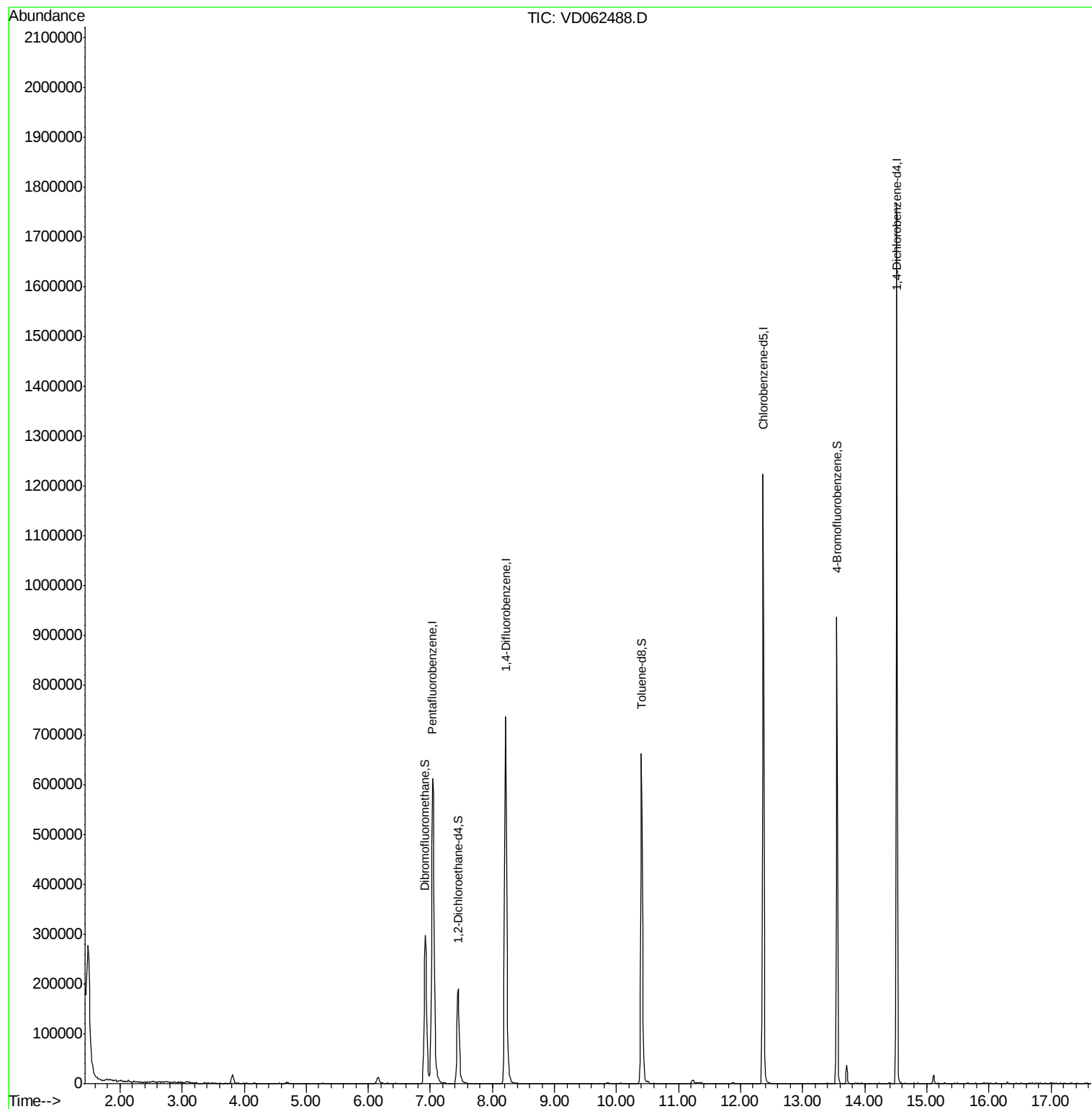
Target Compounds	Qvalue
------------------	--------

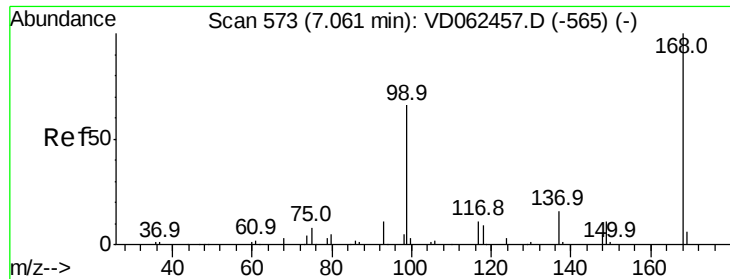
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD052119\
Data File : VD062488.D
Acq On : 21 May 2019 18:25
Operator : VA/AP
Sample : K2971-09
Misc : 5.21g/5ml/MSVOA D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SUP-2A-G-9-052019

Quant Time: May 22 03:20:24 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 03:32:39 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: VD062488.D

Acq: 21 May 2019 18:25

Instrument :

MSVOA_D

ClientSampleId :

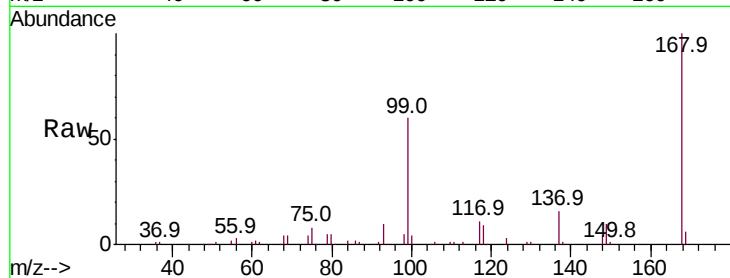
SUP-2A-G-9-052019

Tot Ion:168 Resp: 604354

Ion Ratio Lower Upper

168 100

99 60.0 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

200000

150000

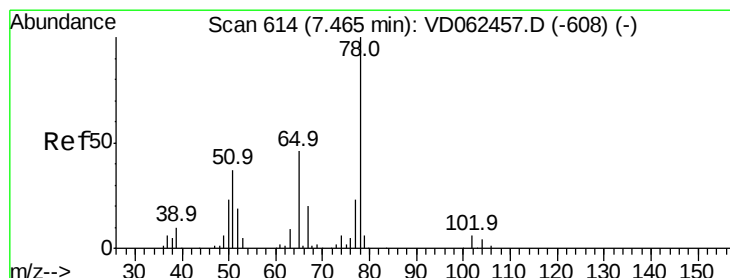
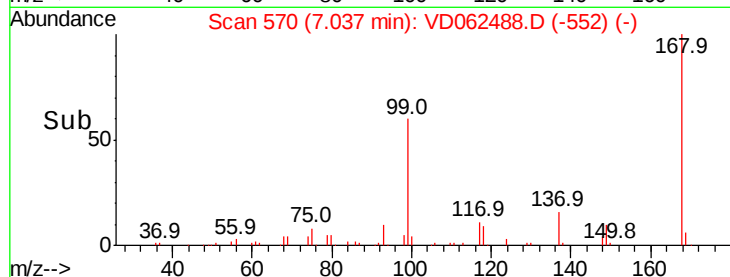
100000

50000

0

6.90 7.00 7.10 7.20 7.30

Time-->



#33

1,2-Dichloroethane-d4

Concen: 34.021 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD062488.D

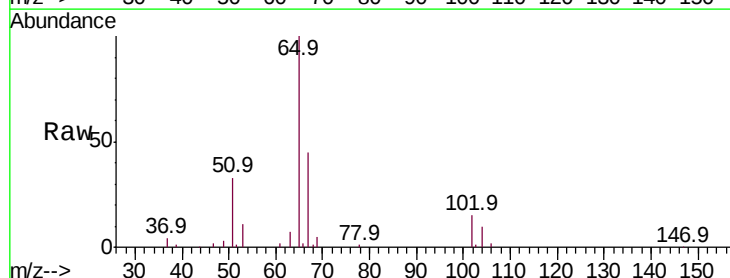
Acq: 21 May 2019 18:25

Tgt Ion: 65 Resp: 220090

Ion Ratio Lower Upper

65 100

67 44.6 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

80000

60000

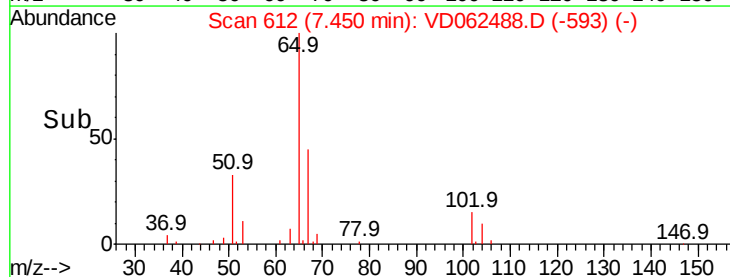
40000

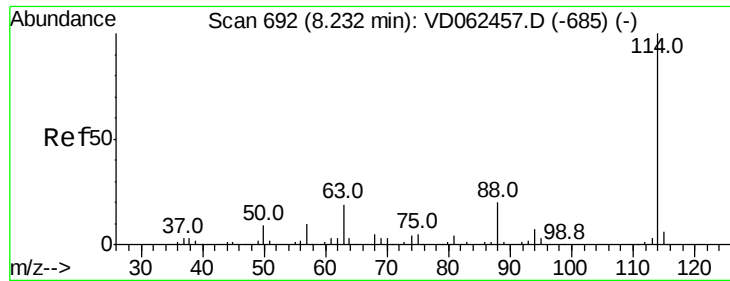
20000

0

7.30 7.40 7.50 7.60

Time-->

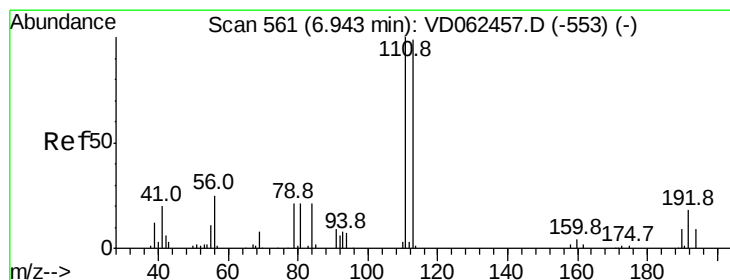
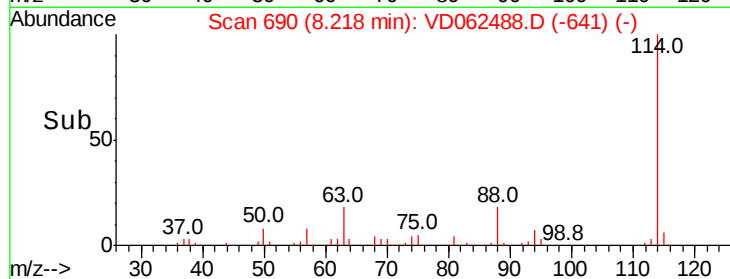
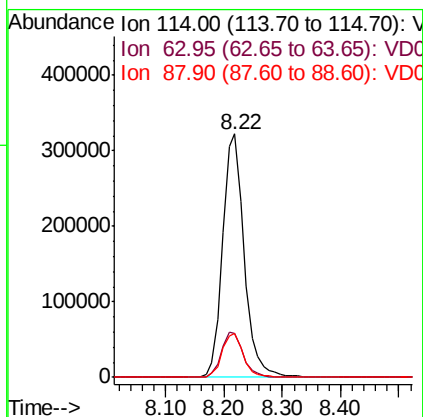
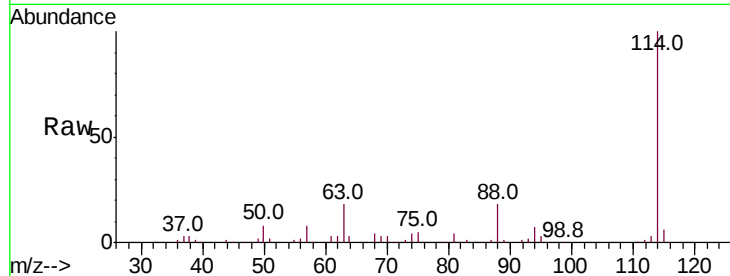




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: VD062488.D
 Acq: 21 May 2019 18:25

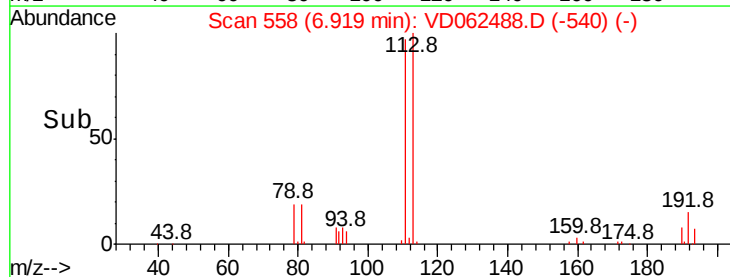
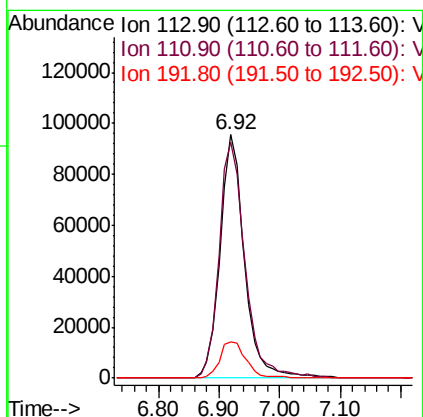
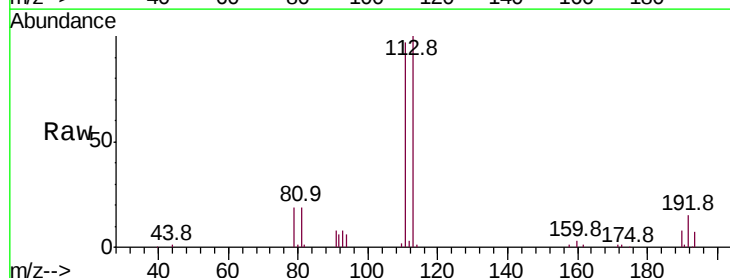
Instrument :
 MSVOA_D
 ClientSampleId :
 SUP-2A-G-9-052019

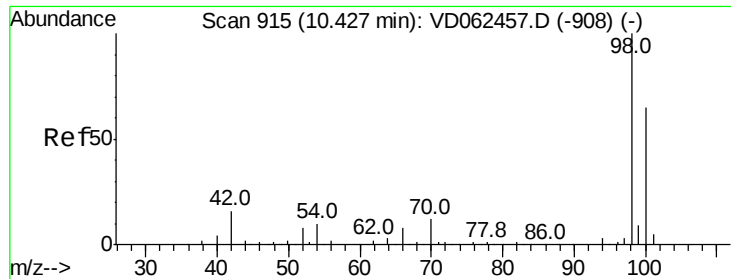
Tot Ion:114 Resp: 825077
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 32.4
 88 18.2 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 35.973 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.02 min
 Lab File: VD062488.D
 Acq: 21 May 2019 18:25

Tgt Ion:113 Resp: 267756
 Ion Ratio Lower Upper
 113 100
 111 97.0 78.5 117.7
 192 15.1 13.0 19.4





#50

Toluene-d8

Concen: 32.798 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.02 min

Lab File: VD062488.D

Acq: 21 May 2019 18:25

Instrument :

MSVOA_D

ClientSampleId :

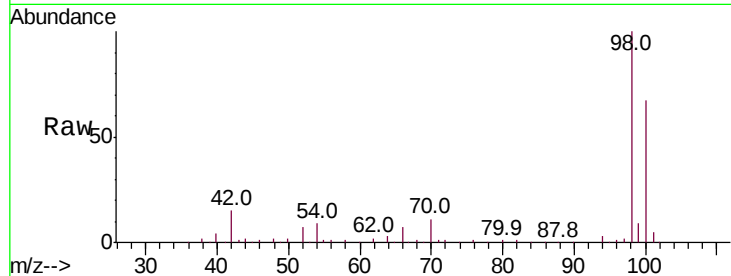
SUP-2A-G-9-052019

Tot Ion: 98 Resp: 534232

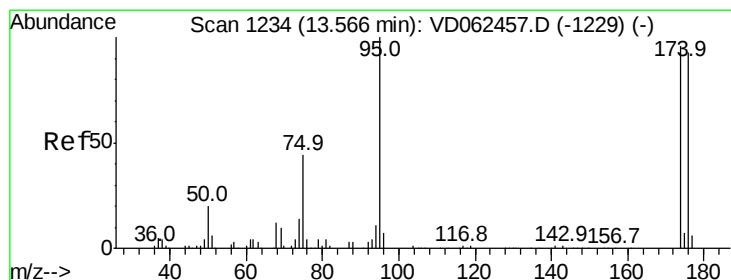
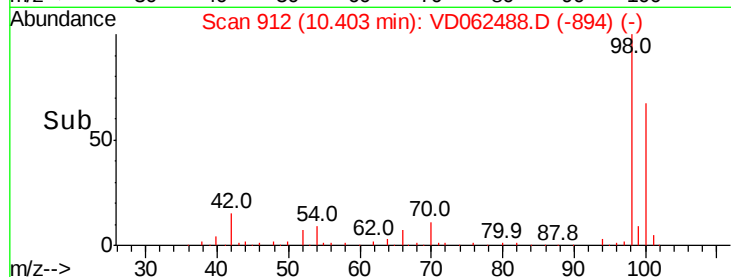
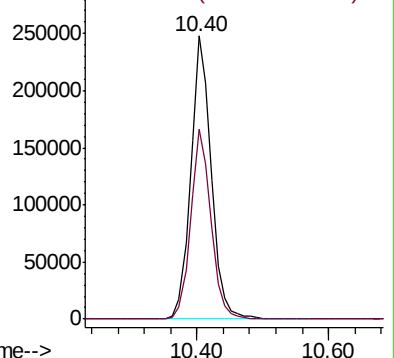
Ion Ratio Lower Upper

98 100

100 67.2 53.8 80.8



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



#62

4-Bromofluorobenzene

Concen: 35.984 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD062488.D

Acq: 21 May 2019 18:25

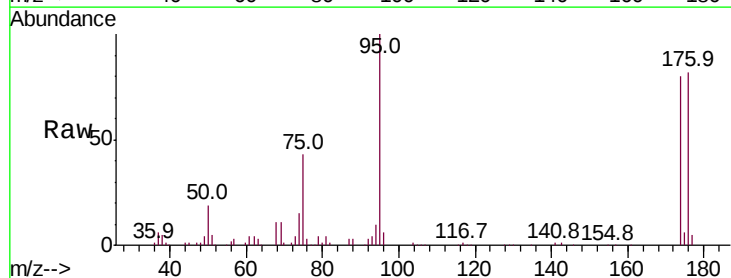
Tgt Ion: 95 Resp: 256391

Ion Ratio Lower Upper

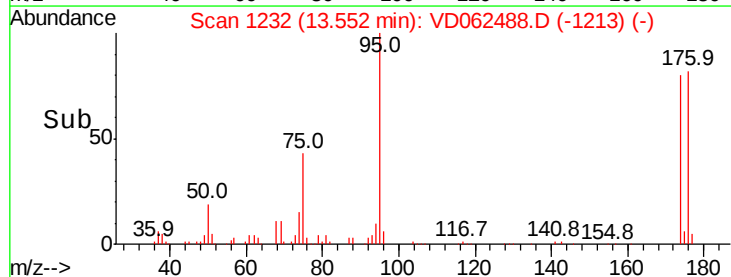
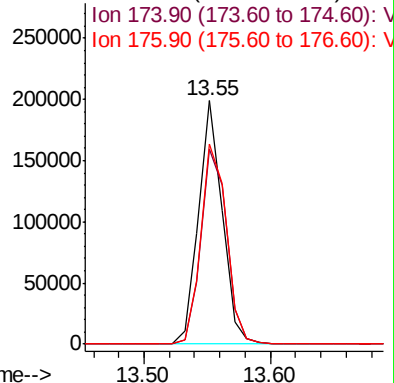
95 100

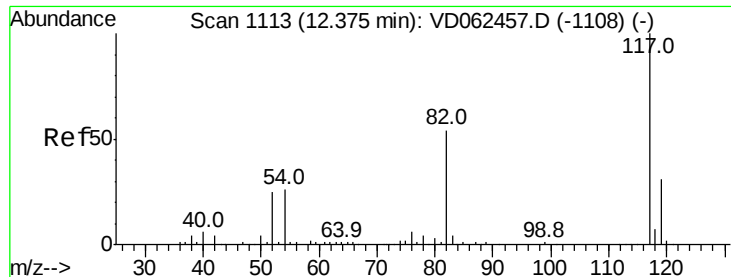
174 80.3 0.0 181.8

176 82.0 0.0 174.4



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

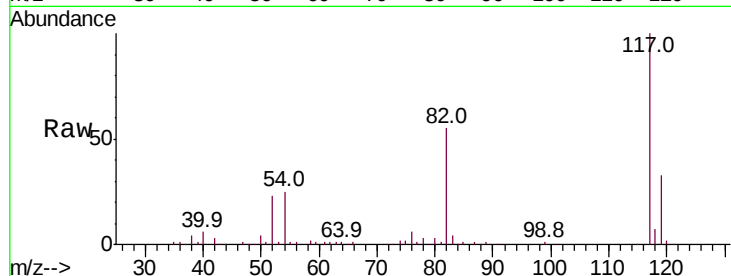




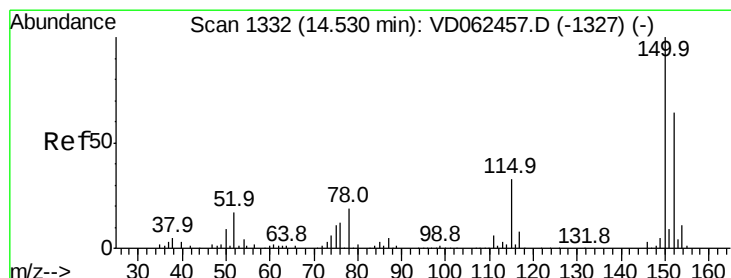
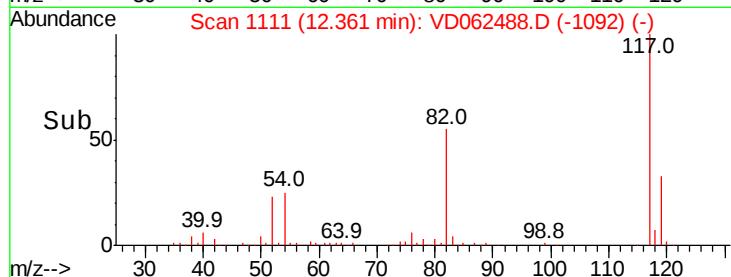
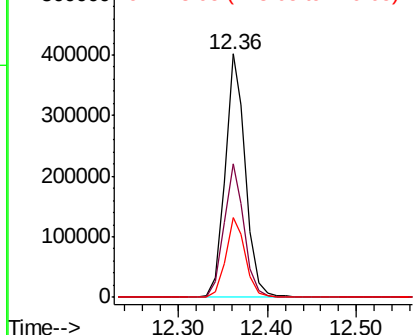
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD062488.D
Acq: 21 May 2019 18:25

Instrument :
MSVOA_D
ClientSampleId :
SUP-2A-G-9-052019

Tot Ion:117 Resp: 644992
Ion Ratio Lower Upper
117 100
82 54.9 36.2 54.2#
119 32.9 26.2 39.4

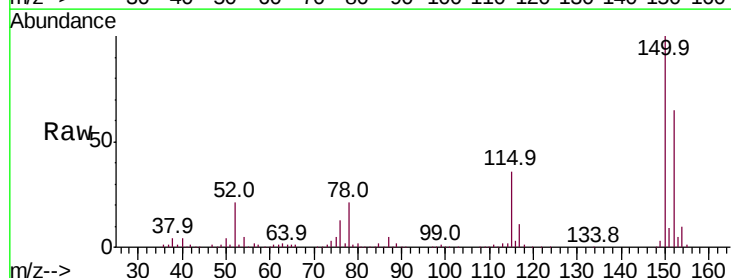


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD062488.D
Acq: 21 May 2019 18:25

Tgt Ion:152 Resp: 361887
Ion Ratio Lower Upper
152 100
115 54.4 30.9 92.7
150 153.1 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

