

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052119\
 Data File : VD062495.D
 Acq On : 21 May 2019 21:35
 Operator : VA/AP
 Sample : K2971-04RE
 Misc : 4.88g/5ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SUP-2A-G-4-052019RE

Quant Time: May 22 03:32:22 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	482837	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.21	114	641914	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	520225	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	241629	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	182915	35.39	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	70.78%	
35) Dibromofluoromethane	6.91	113	222641	38.45	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	76.90%	
50) Toluene-d8	10.40	98	415744	32.81	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	65.62%	
62) 4-Bromofluorobenzene	13.55	95	191928	34.62	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	69.24%	

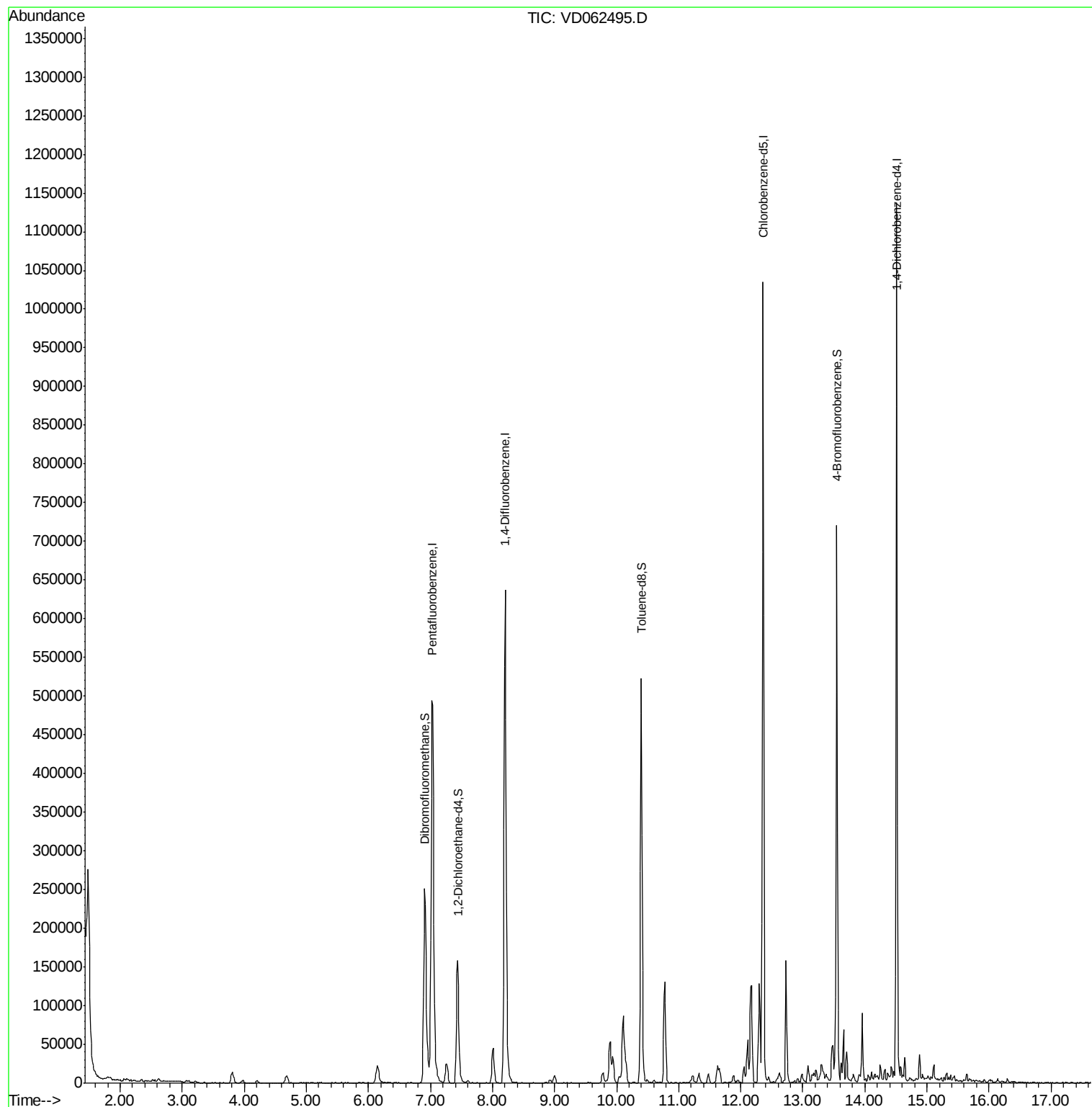
Target Compounds	Qvalue

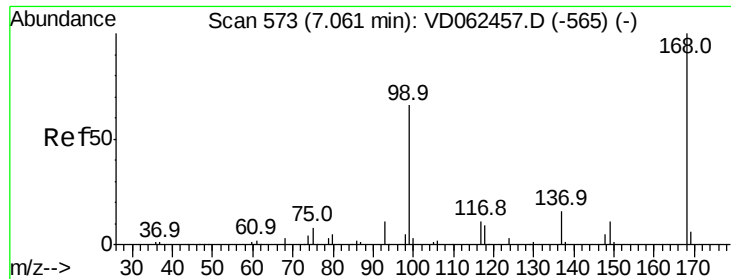
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD052119\
Data File : VD062495.D
Acq On : 21 May 2019 21:35
Operator : VA/AP
Sample : K2971-04RE
Misc : 4.88g/5ml/MSVOA D/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SUP-2A-G-4-052019RE

Quant Time: May 22 03:32:22 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

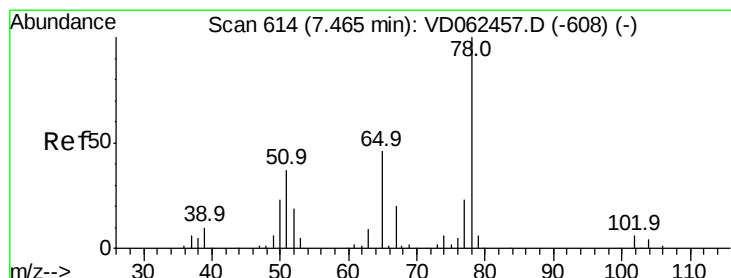
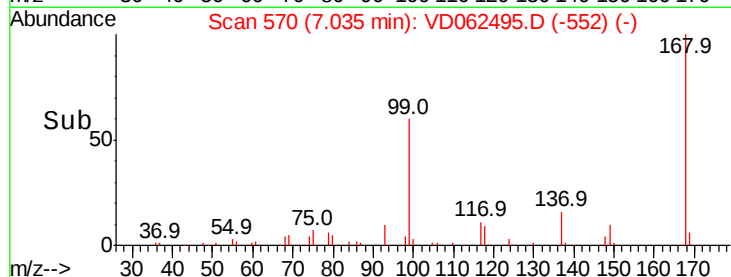
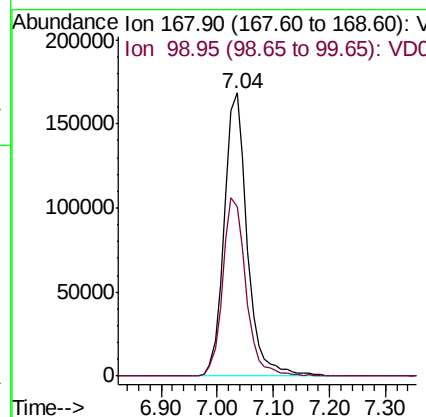
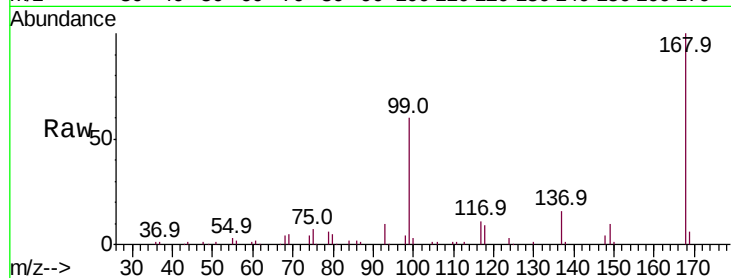




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.03 min
Lab File: VD062495.D
Acq: 21 May 2019 21:35

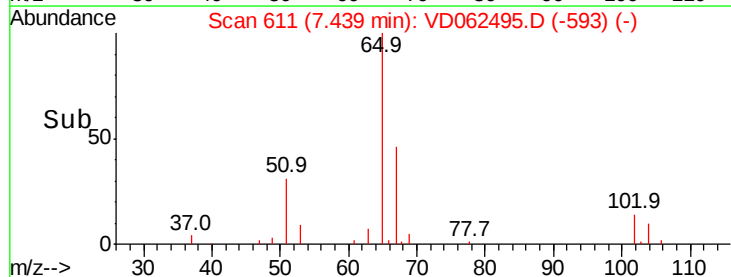
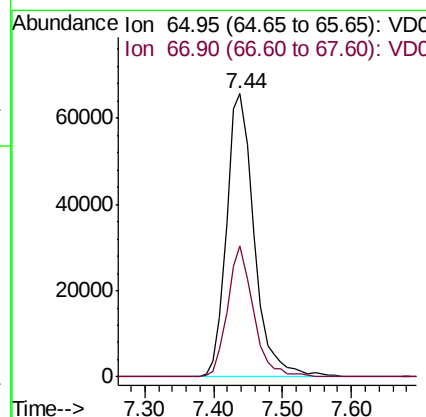
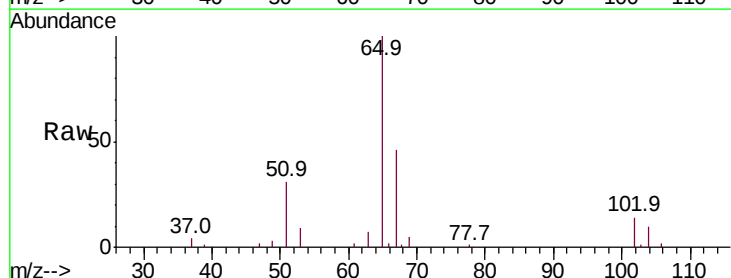
Instrument :
MSVOA_D
ClientSampleId :
SUP-2A-G-4-052019RE

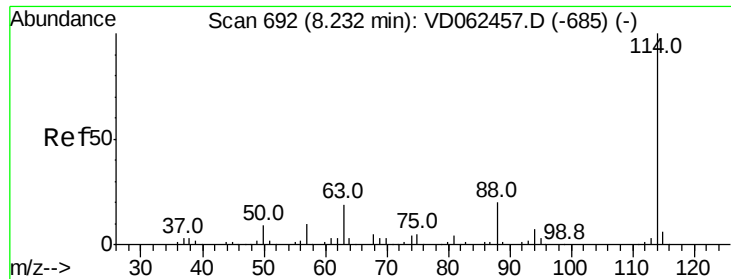
Tot Ion:168 Resp: 482837
Ion Ratio Lower Upper
168 100
99 59.8 46.5 69.7



#33
1,2-Dichloroethane-d4
Concen: 35.391 ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.03 min
Lab File: VD062495.D
Acq: 21 May 2019 21:35

Tgt Ion: 65 Resp: 182915
Ion Ratio Lower Upper
65 100
67 46.3 0.0 98.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.03 min

Lab File: VD062495.D

Acq: 21 May 2019 21:35

Instrument :

MSVOA_D

ClientSampleId :

SUP-2A-G-4-052019RE

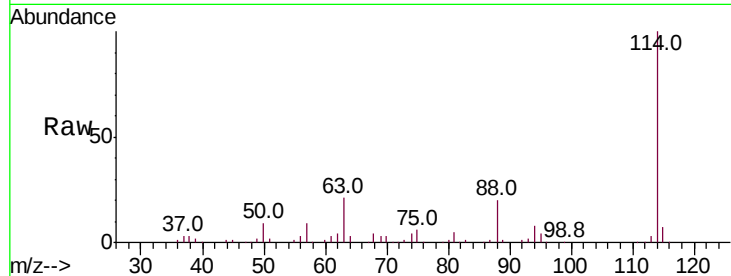
Tot Ion:114 Resp: 641914

Ion Ratio Lower Upper

114 100

63 20.8 0.0 32.4

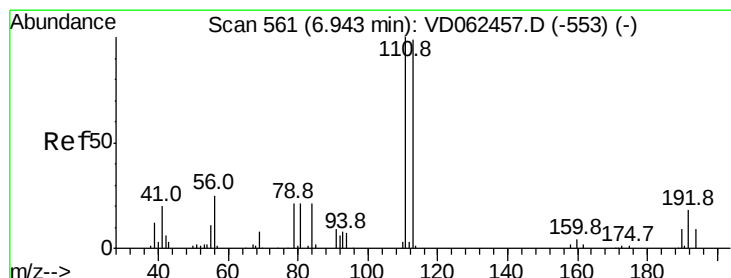
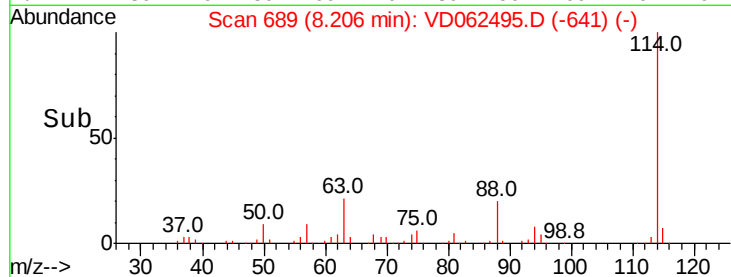
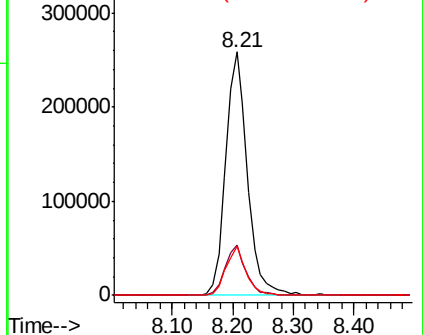
88 20.3 0.0 33.6



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: 38.447 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.04 min

Lab File: VD062495.D

Acq: 21 May 2019 21:35

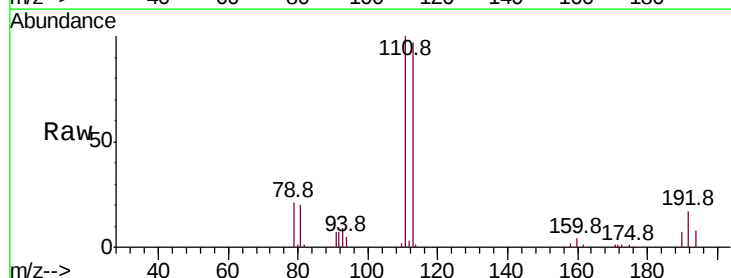
Tgt Ion:113 Resp: 222641

Ion Ratio Lower Upper

113 100

111 103.6 78.5 117.7

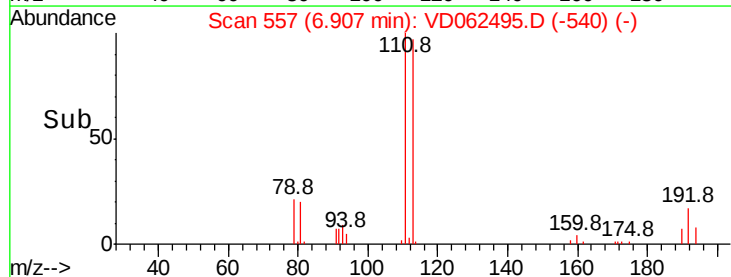
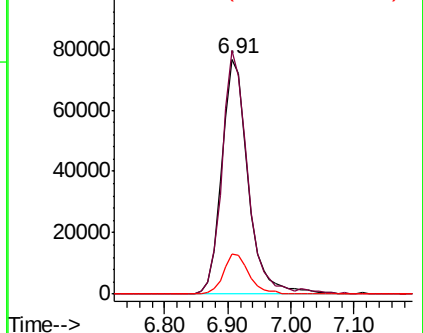
192 17.1 13.0 19.4

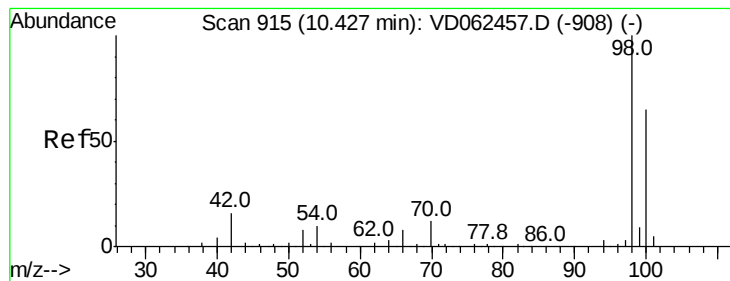


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 32.806 ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.03 min

Lab File: VD062495.D

Acq: 21 May 2019 21:35

Instrument :

MSVOA_D

ClientSampleId :

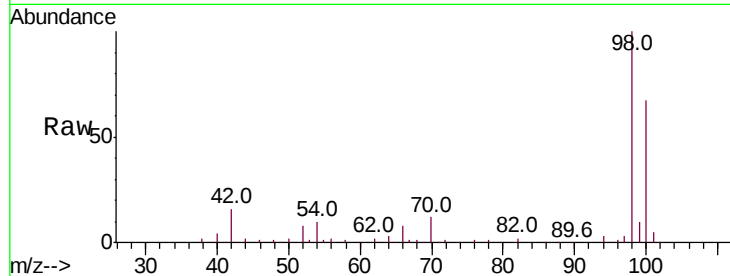
SUP-2A-G-4-052019RE

Tot Ion: 98 Resp: 415744

Ion Ratio Lower Upper

98 100

100 67.2 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

200000

150000

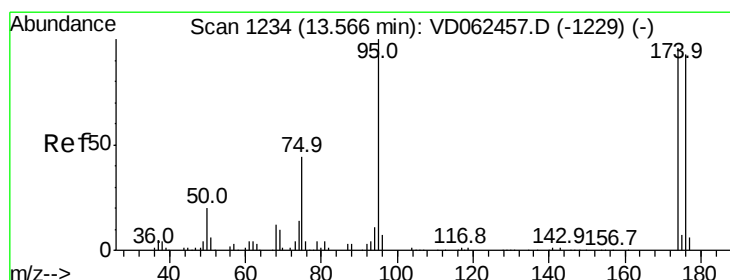
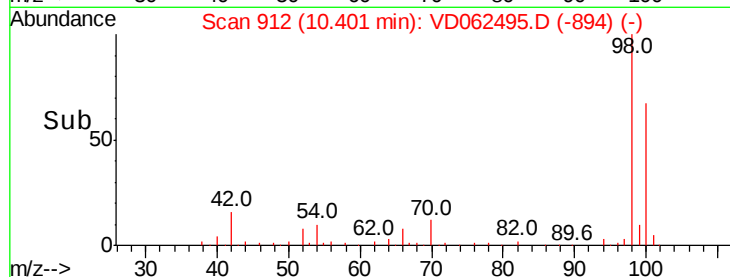
100000

50000

0

10.30 10.40 10.50 10.60

Time-->



#62

4-Bromofluorobenzene

Concen: 34.622 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.02 min

Lab File: VD062495.D

Acq: 21 May 2019 21:35

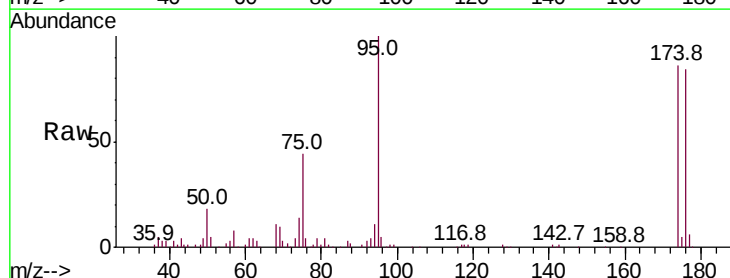
Tgt Ion: 95 Resp: 191928

Ion Ratio Lower Upper

95 100

174 85.7 0.0 181.8

176 83.6 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

200000

150000

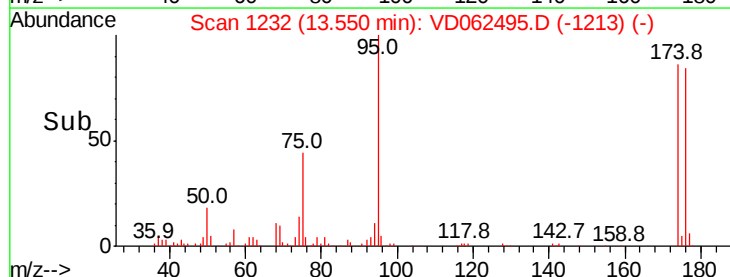
100000

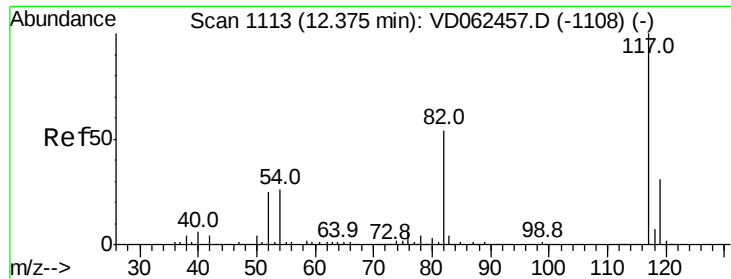
50000

0

13.45 13.50 13.55 13.60

Time-->

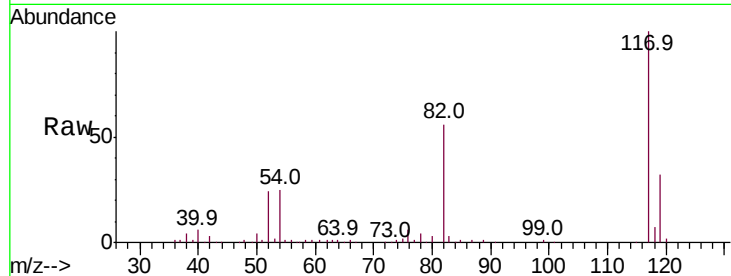




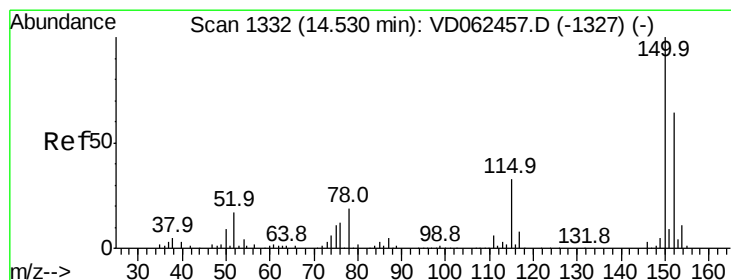
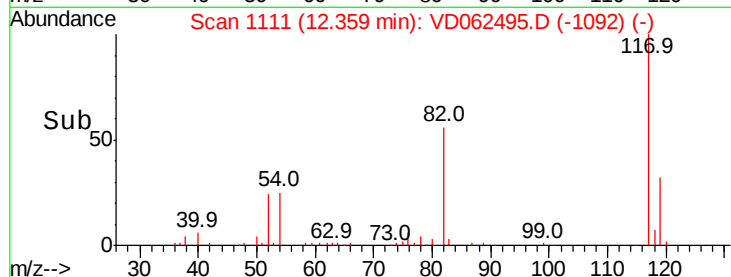
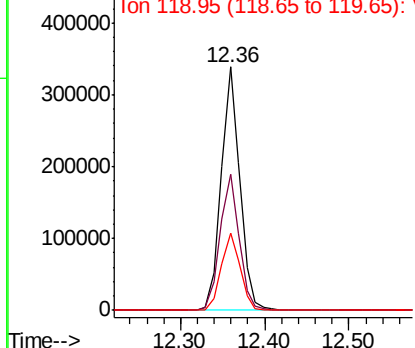
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD062495.D
Acq: 21 May 2019 21:35

Instrument :
MSVOA_D
ClientSampleId :
SUP-2A-G-4-052019RE

Tot Ion:117 Resp: 520225
Ion Ratio Lower Upper
117 100
82 56.1 36.2 54.2#
119 31.6 26.2 39.4

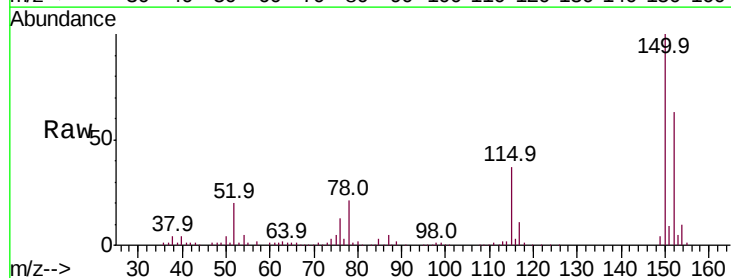


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1330
Delta R.T. -0.02 min
Lab File: VD062495.D
Acq: 21 May 2019 21:35

Tgt Ion:152 Resp: 241629
Ion Ratio Lower Upper
152 100
115 58.0 30.9 92.7
150 158.4 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

