

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062519\
 Data File : VD062871.D
 Acq On : 25 Jun 2019 9:55
 Operator : VA/AP
 Sample : VD0625SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0625SBL01

Quant Time: Jun 26 05:49:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	931470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	1294812	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1041782	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	546928	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	516960	51.06	ug/l	0.00
Spiked Amount						
			Recovery	=	102.12%	
35) Dibromofluoromethane	6.93	113	540968	49.55	ug/l	0.00
Spiked Amount						
			Recovery	=	99.10%	
50) Toluene-d8	10.42	98	1253717	52.76	ug/l	0.00
Spiked Amount						
			Recovery	=	105.52%	
62) 4-Bromofluorobenzene	13.56	95	541090	50.08	ug/l	0.00
Spiked Amount						
			Recovery	=	100.16%	

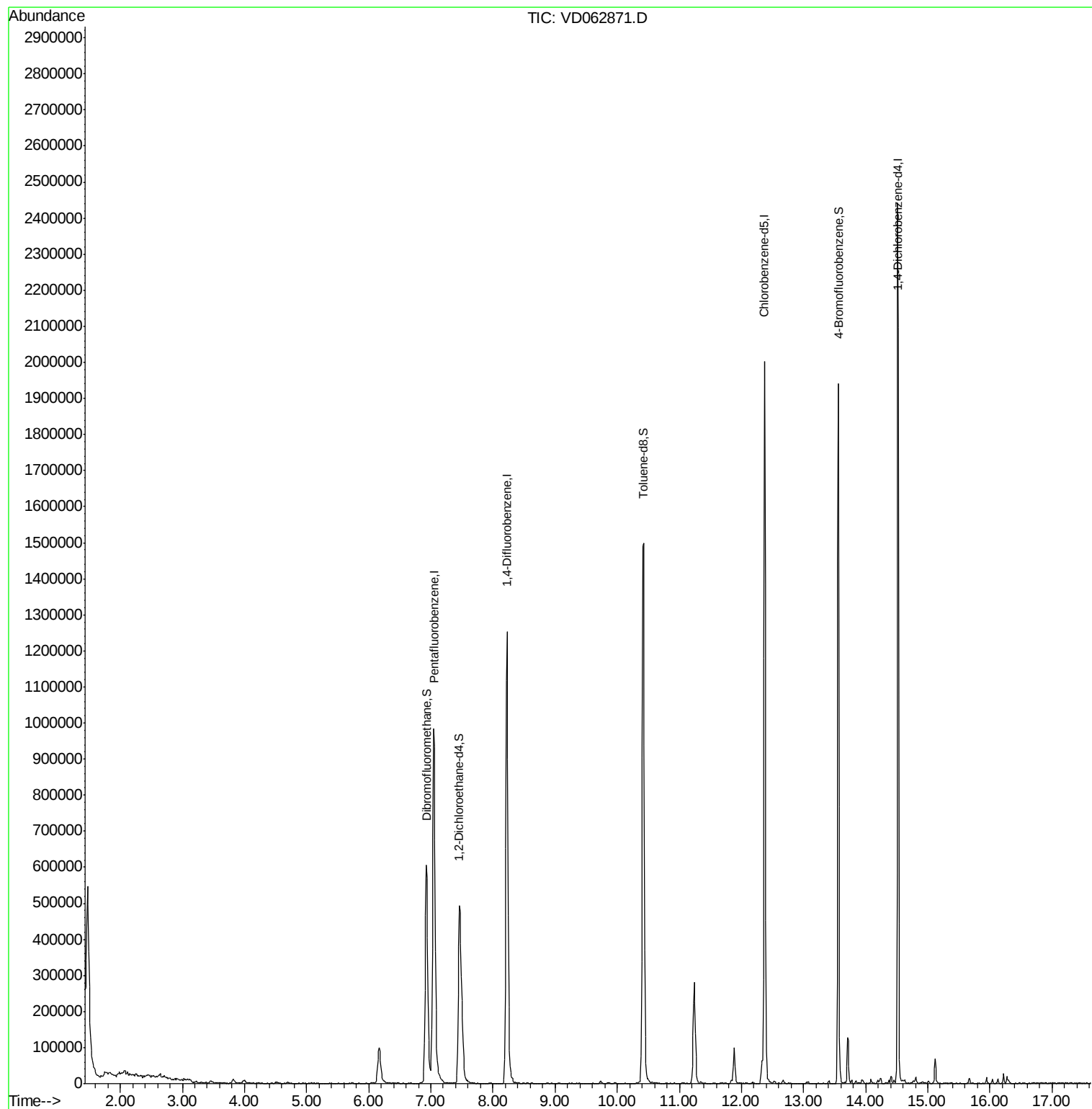
Target Compounds	Qvalue

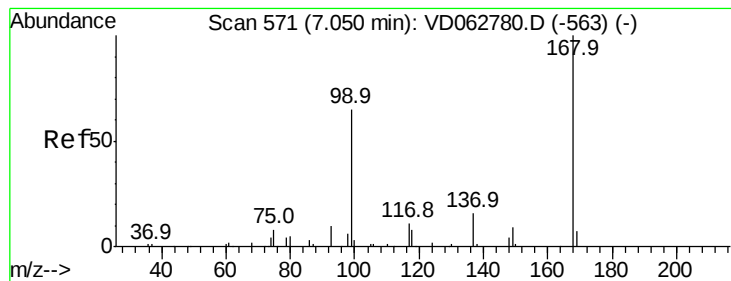
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062519\
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Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD062871.D

Acq: 25 Jun 2019 9:55

Instrument :

MSVOA_D

ClientSampleId :

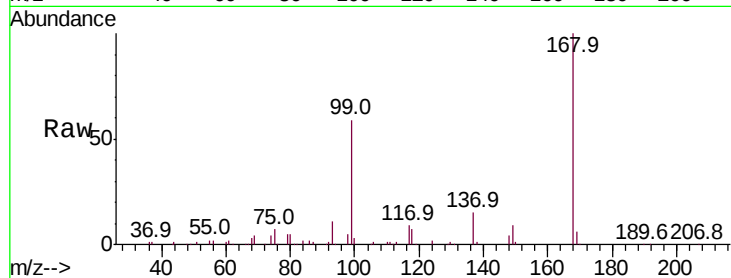
VD0625SBL01

Tot Ion:168 Resp: 931470

Ion Ratio Lower Upper

168 100

99 58.6 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

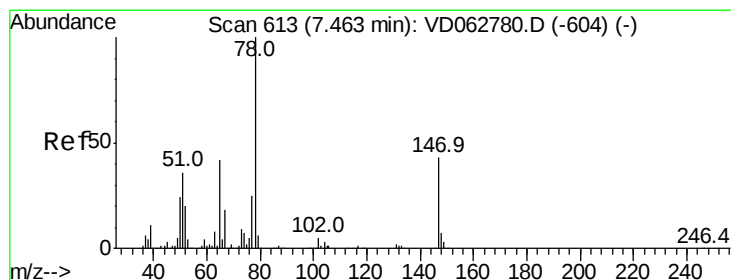
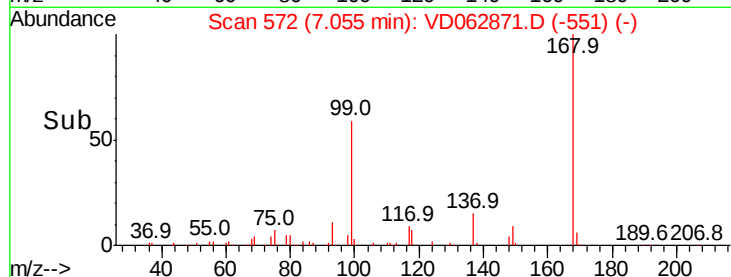
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.058 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.00 min

Lab File: VD062871.D

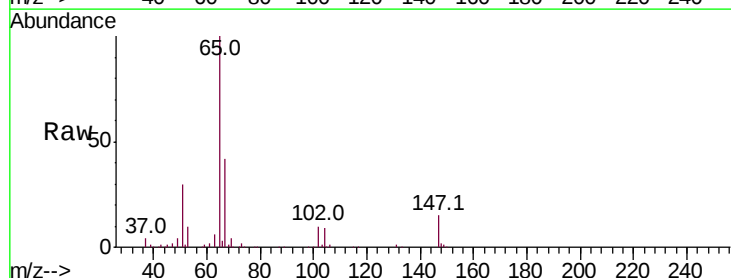
Acq: 25 Jun 2019 9:55

Tgt Ion: 65 Resp: 516960

Ion Ratio Lower Upper

65 100

67 42.2 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.46

200000

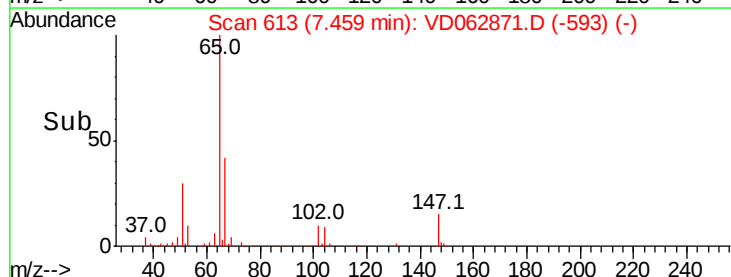
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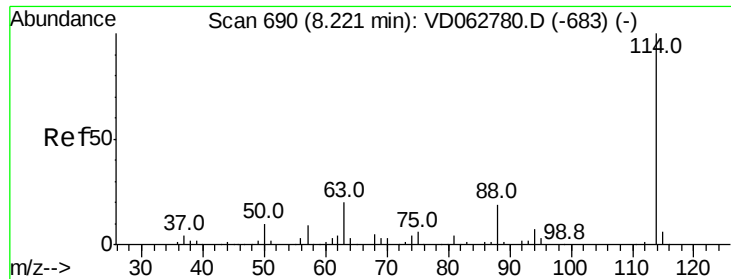
100000

50000

0

Time-->

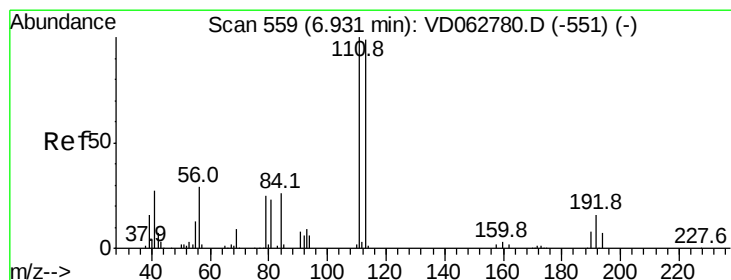
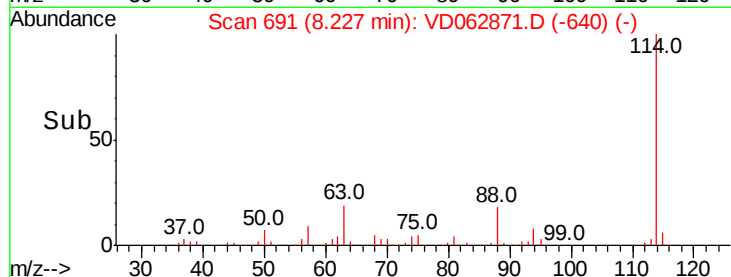
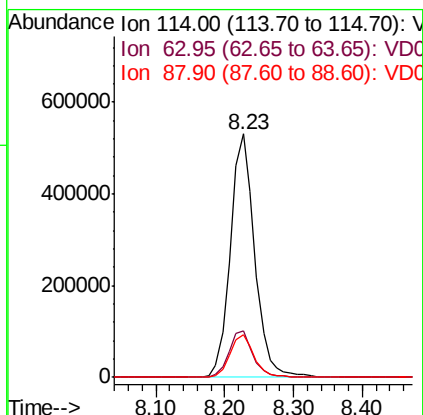
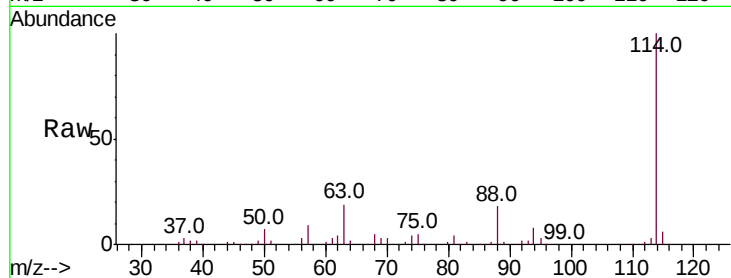




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD062871.D
 Acq: 25 Jun 2019 9:55

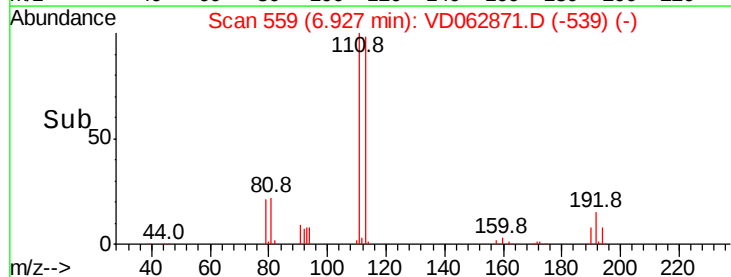
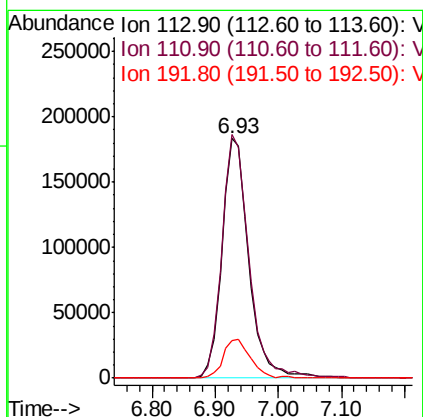
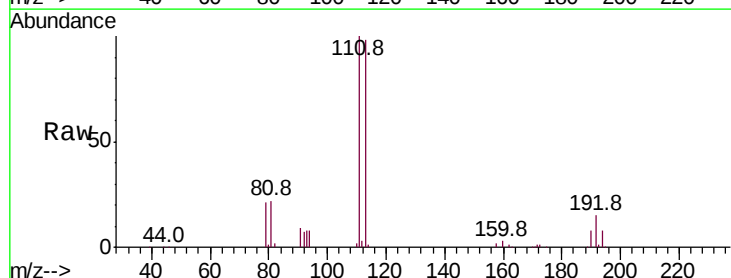
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0625SBL01

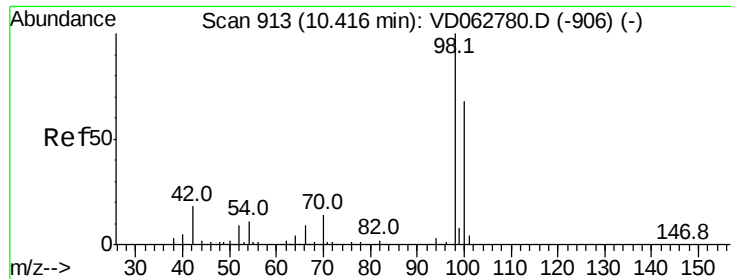
Tot Ion:114 Resp: 1294812
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 40.0
 88 17.7 0.0 38.8



#35
 Dibromofluoromethane
 Concen: 49.549 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: VD062871.D
 Acq: 25 Jun 2019 9:55

Tgt Ion:113 Resp: 540968
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.2 121.8
 192 15.5 12.9 19.3





#50

Toluene-d8

Concen: 52.761 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.01 min

Lab File: VD062871.D

Acq: 25 Jun 2019 9:55

Instrument :

MSVOA_D

ClientSampleId :

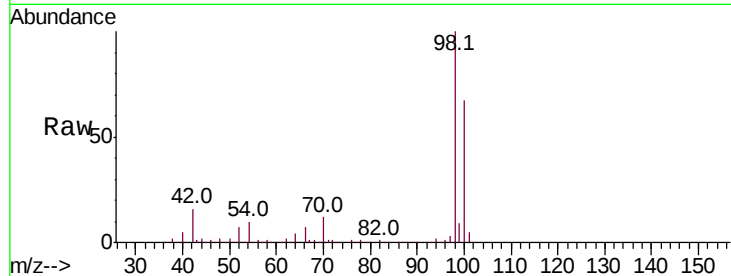
VD0625SBL01

Tot Ion: 98 Resp: 1253717

Ion Ratio Lower Upper

98 100

100 67.2 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): VD062780.D (-906) (-)

Ion 100.05 (99.75 to 100.75): VD062780.D (-906) (-)

10.42

600000

500000

400000

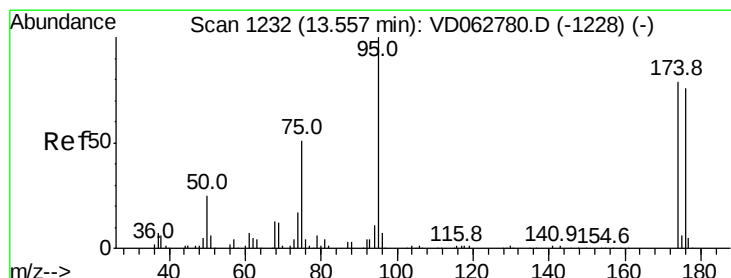
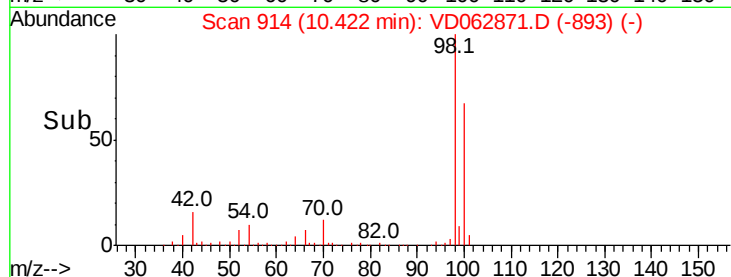
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 50.079 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062871.D

Acq: 25 Jun 2019 9:55

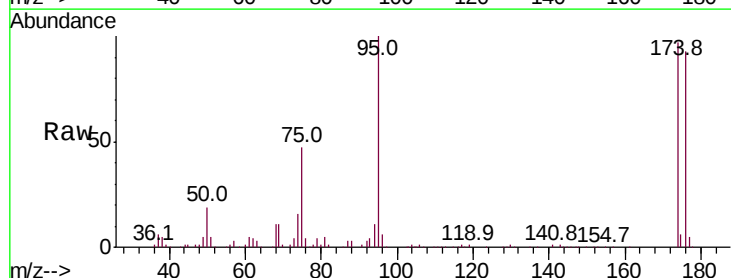
Tgt Ion: 95 Resp: 541090

Ion Ratio Lower Upper

95 100

174 96.5 0.0 158.0

176 92.8 0.0 151.6



Abundance Ion 95.00 (94.70 to 95.70): VD062780.D (-1228) (-)

Ion 173.90 (173.60 to 174.60): VD062780.D (-1228) (-)

Ion 175.90 (175.60 to 176.60): VD062780.D (-1228) (-)

13.56

500000

400000

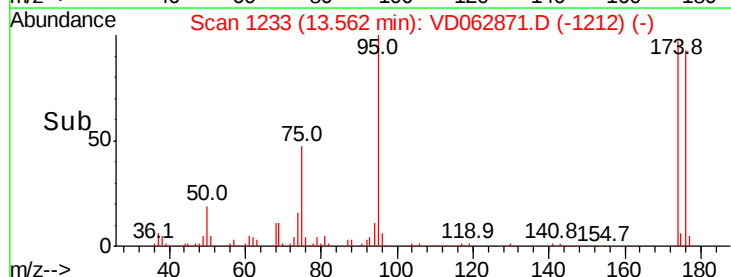
300000

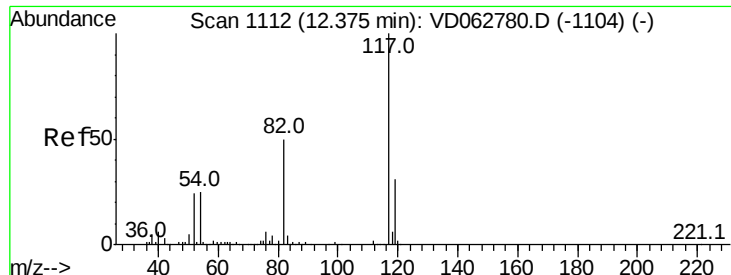
200000

100000

0

Time-->

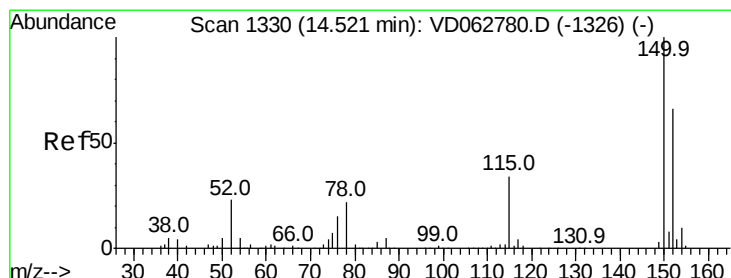
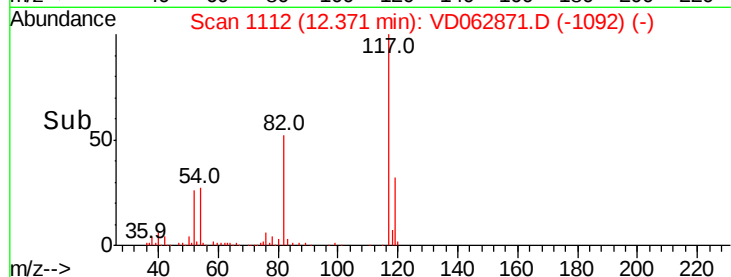
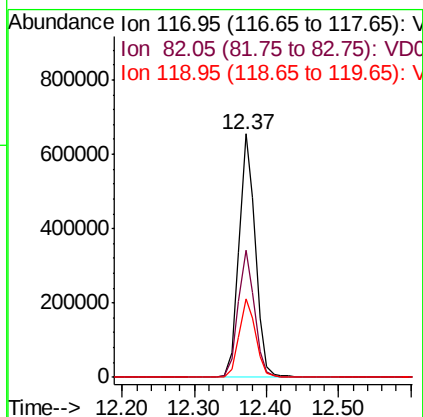
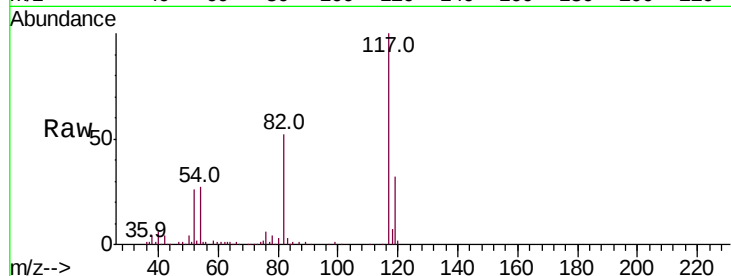




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD062871.D
Acq: 25 Jun 2019 9:55

Instrument :
MSVOA_D
ClientSampleId :
VD0625SBL01

Tot Ion:117 Resp: 1041782
Ion Ratio Lower Upper
117 100
82 52.2 40.4 60.6
119 32.4 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062871.D
Acq: 25 Jun 2019 9:55

Tgt Ion:152 Resp: 546928
Ion Ratio Lower Upper
152 100
115 52.1 29.2 87.6
150 154.0 0.0 305.8

