

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052119\
 Data File : VD062478.D
 Acq On : 21 May 2019 13:56
 Operator : VA/AP
 Sample : K2962-03
 Misc : 3.86g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DB-2-4FT

Quant Time: May 22 02:00:42 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

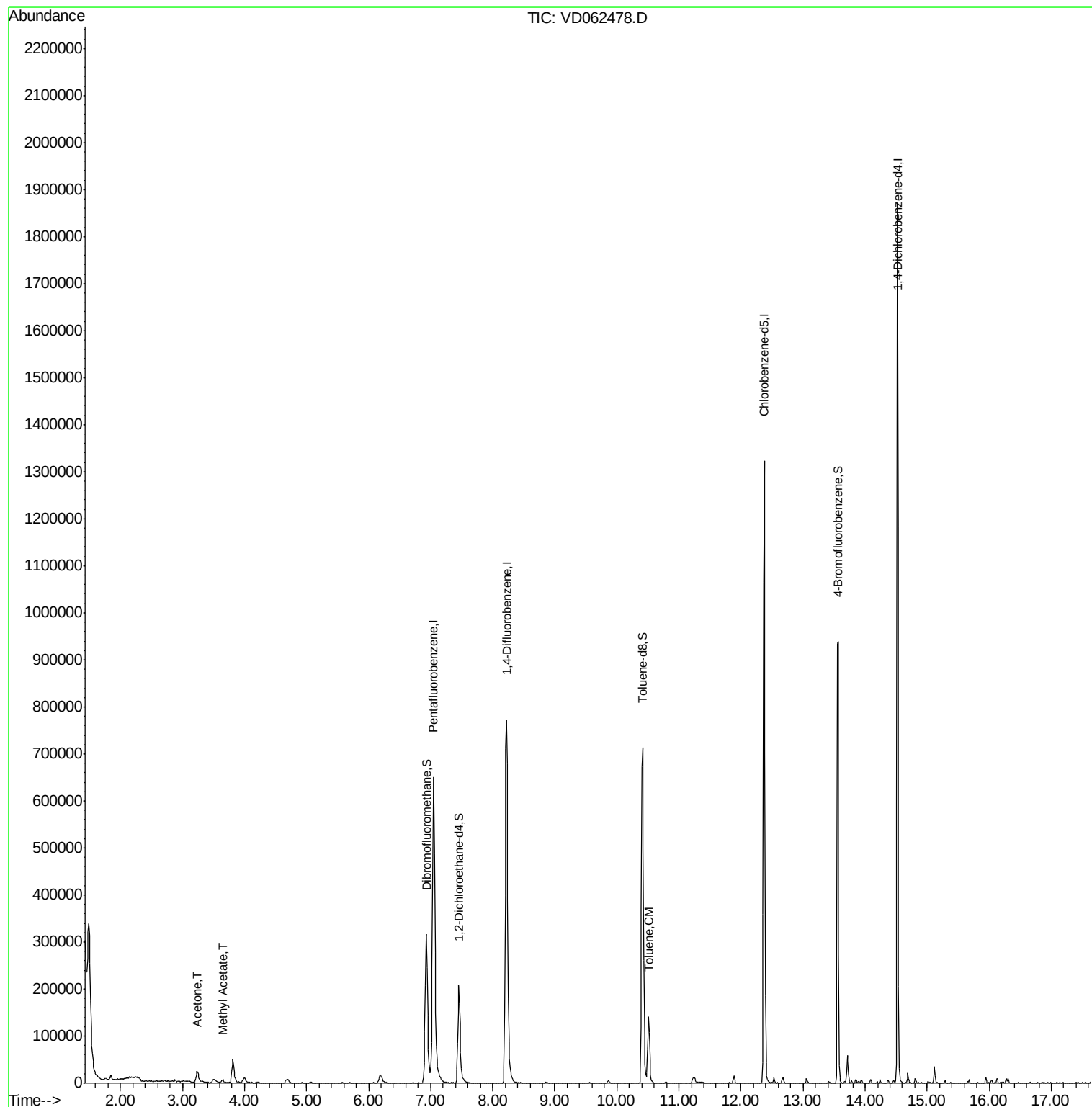
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	652103	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.22	114	910948	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.37	117	739256	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	396130	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	223807	32.06	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	64.12%	
35) Dibromofluoromethane	6.93	113	293538	35.72	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	71.44%	
50) Toluene-d8	10.42	98	625727	34.79	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	69.58%	
62) 4-Bromofluorobenzene	13.56	95	289382	36.79	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	73.58%	
Target Compounds						
16) Acetone	3.23	43	53283	42.597	ug/l #	86
18) Methyl Acetate	3.66	43	11074	5.131	ug/l	97
52) Toluene	10.52	92	73608	6.294	ug/l	98

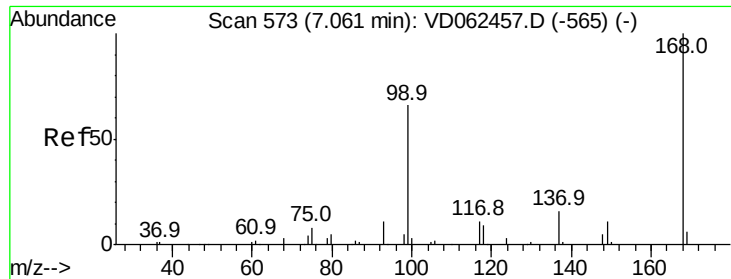
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.01 min

Lab File: VD062478.D

Acq: 21 May 2019 13:56

Instrument :

MSVOA_D

ClientSampleId :

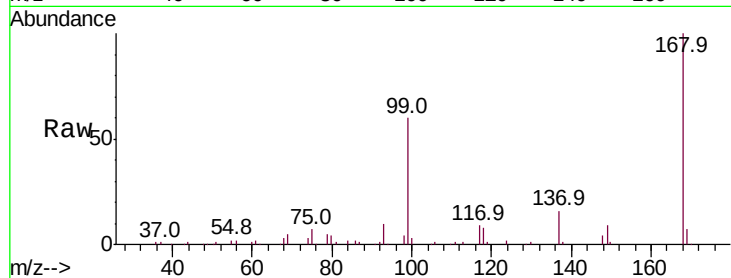
DB-2-4FT

Tot Ion:168 Resp: 652103

Ion Ratio Lower Upper

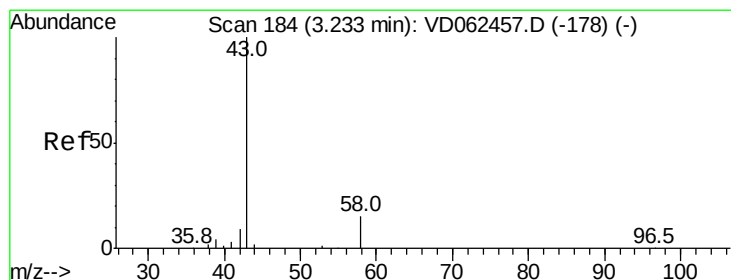
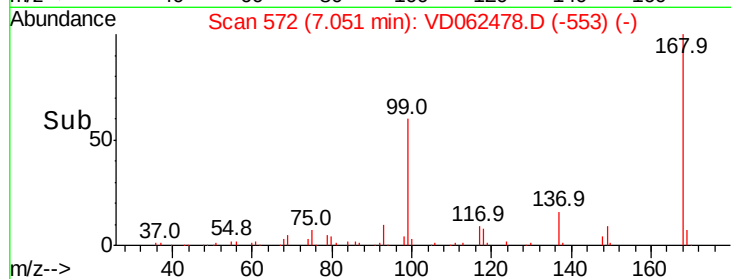
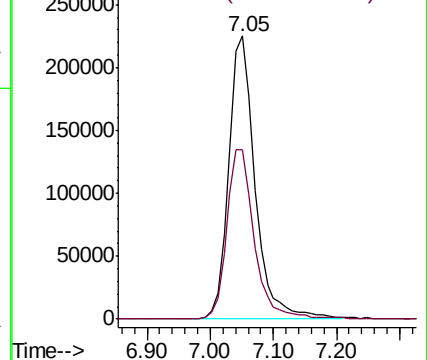
168 100

99 59.8 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 42.597 ug/l

RT: 3.23 min Scan# 184

Delta R.T. -0.00 min

Lab File: VD062478.D

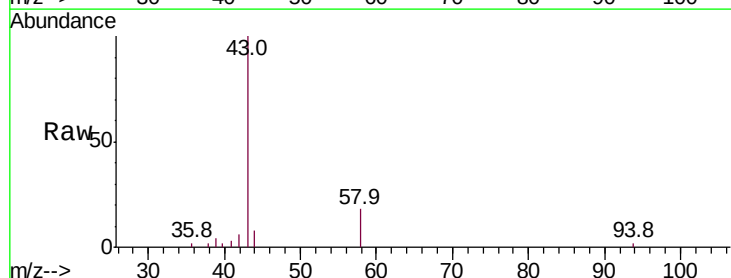
Acq: 21 May 2019 13:56

Tgt Ion: 43 Resp: 53283

Ion Ratio Lower Upper

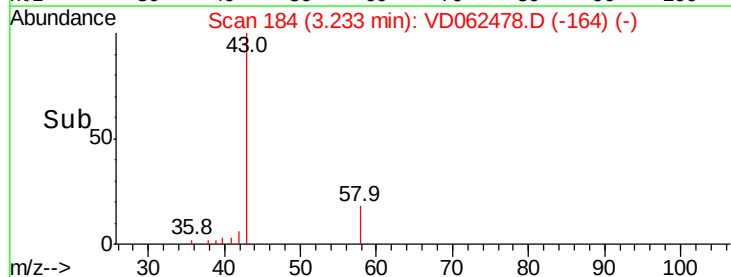
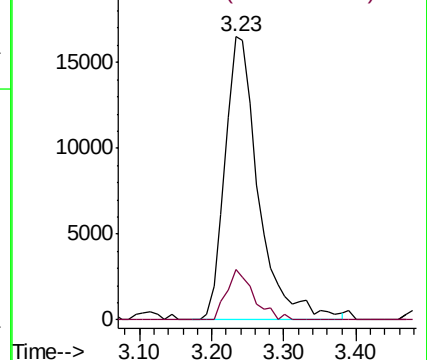
43 100

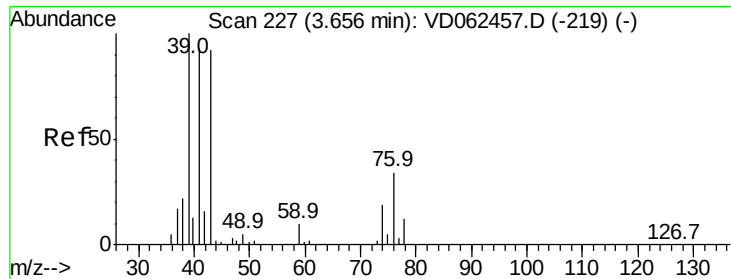
58 17.8 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

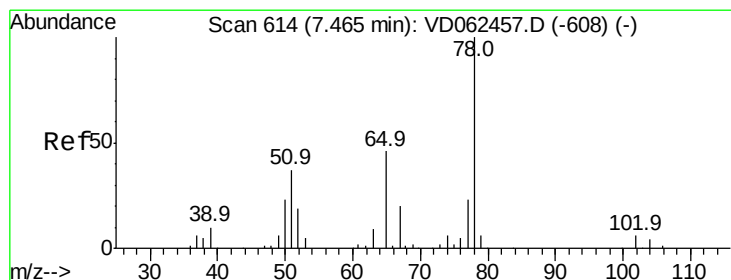
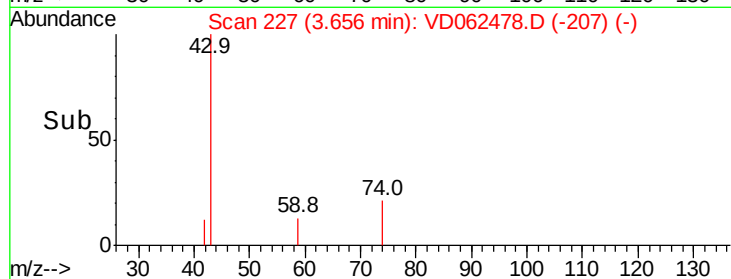
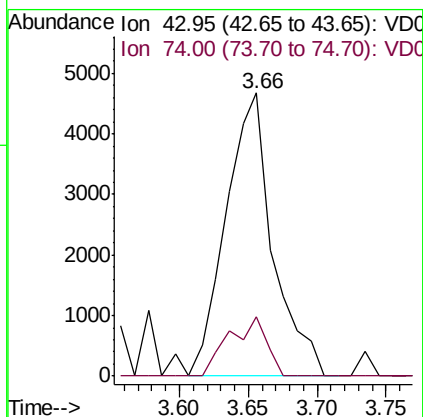
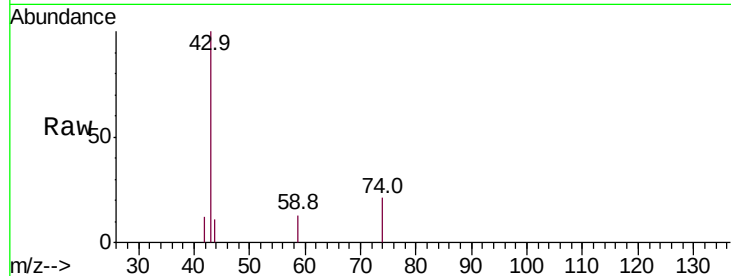




#18
Methyl Acetate
Concen: 5.131 ug/l
RT: 3.66 min Scan# 227
Delta R.T. -0.00 min
Lab File: VD062478.D
Acq: 21 May 2019 13:56

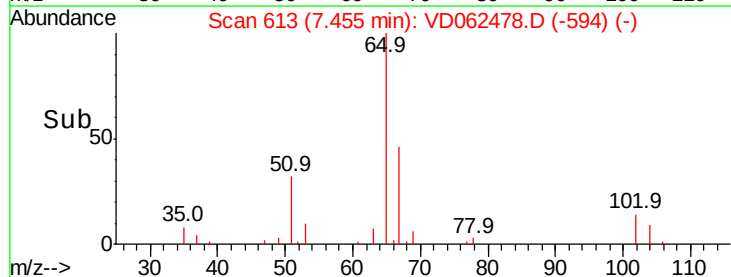
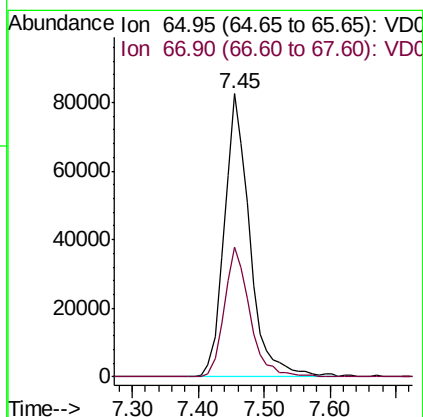
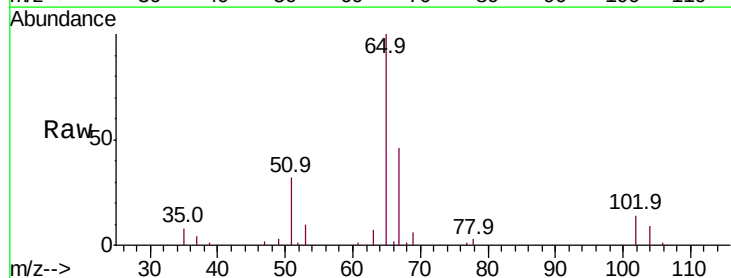
Instrument :
MSVOA_D
ClientSampleId :
DB-2-4FT

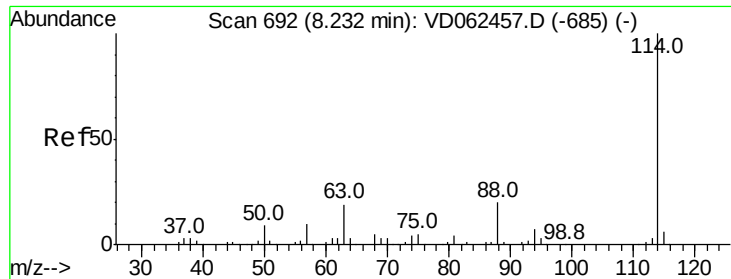
Tot Ion: 43 Resp: 11074
Ion Ratio Lower Upper
43 100
74 20.9 18.0 27.0



#33
1,2-Dichloroethane-d4
Concen: 32.063 ug/l
RT: 7.45 min Scan# 613
Delta R.T. -0.01 min
Lab File: VD062478.D
Acq: 21 May 2019 13:56

Tgt Ion: 65 Resp: 223807
Ion Ratio Lower Upper
65 100
67 45.8 0.0 98.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 691

Delta R.T. -0.01 min

Lab File: VD062478.D

Acq: 21 May 2019 13:56

Instrument :

MSVOA_D

ClientSampleId :

DB-2-4FT

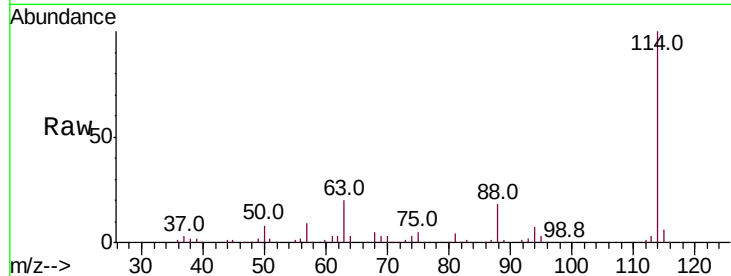
Tot Ion:114 Resp: 910948

Ion Ratio Lower Upper

114 100

63 19.8 0.0 32.4

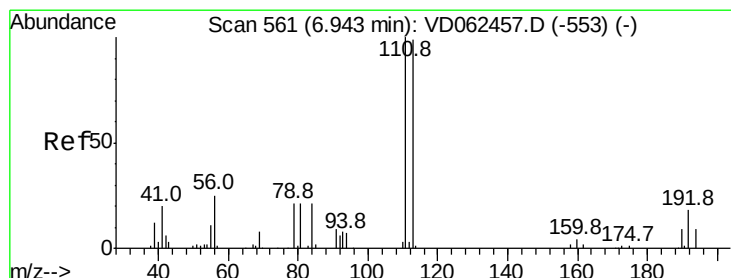
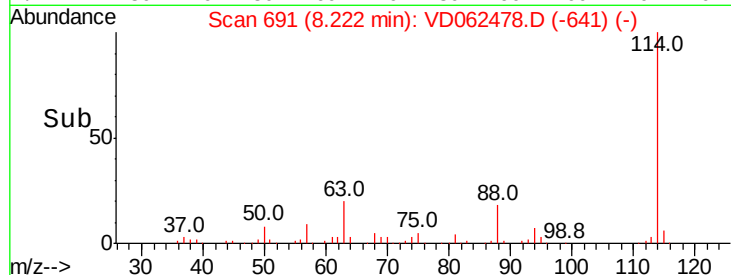
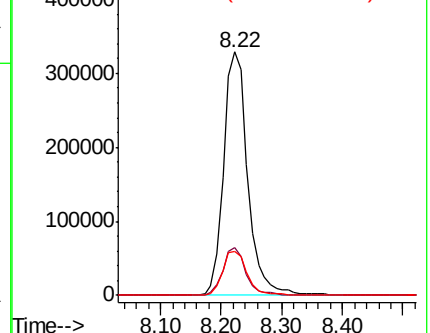
88 18.1 0.0 33.6



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: 35.720 ug/l

RT: 6.93 min Scan# 560

Delta R.T. -0.01 min

Lab File: VD062478.D

Acq: 21 May 2019 13:56

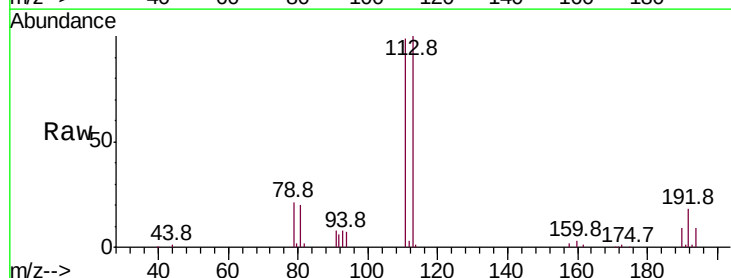
Tgt Ion:113 Resp: 293538

Ion Ratio Lower Upper

113 100

111 99.5 78.5 117.7

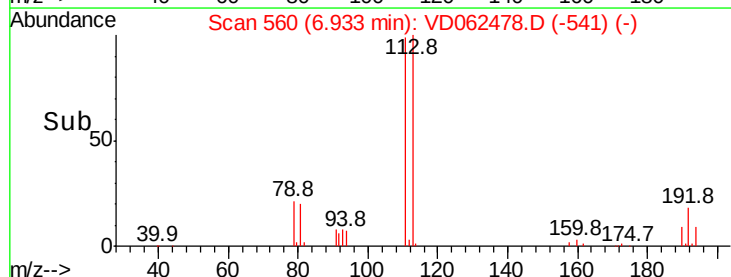
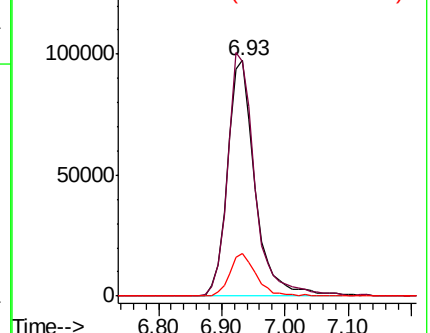
192 18.1 13.0 19.4

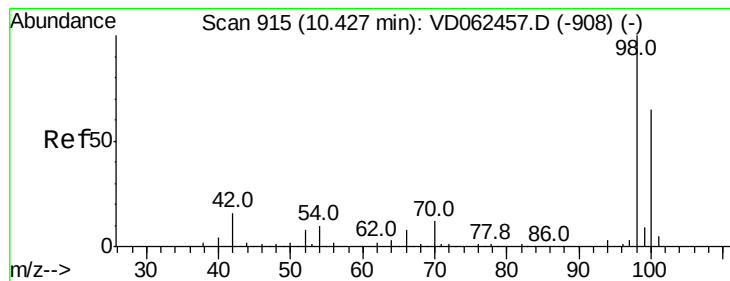


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 34.794 ug/l

RT: 10.42 min Scan# 914

Delta R.T. -0.01 min

Lab File: VD062478.D

Acq: 21 May 2019 13:56

Instrument :

MSVOA_D

ClientSampleId :

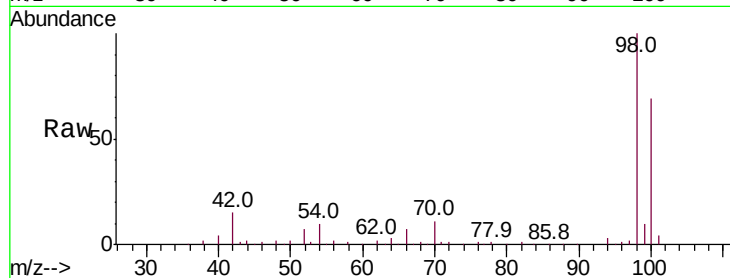
DB-2-4FT

Tot Ion: 98 Resp: 625727

Ion Ratio Lower Upper

98 100

100 68.7 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

10.42

250000

200000

150000

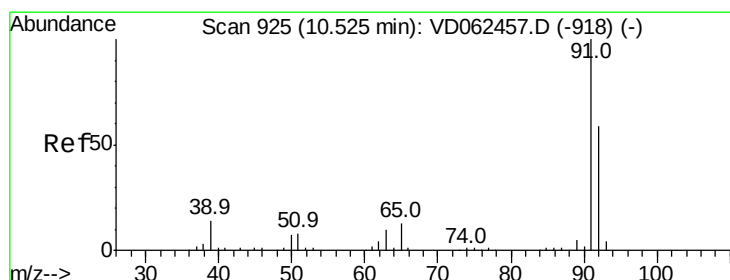
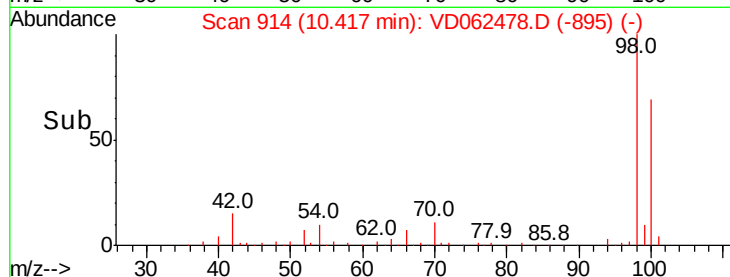
100000

50000

0

Time-->

10.30 10.40 10.50 10.60



#52

Toluene

Concen: 6.294 ug/l

RT: 10.52 min Scan# 924

Delta R.T. -0.01 min

Lab File: VD062478.D

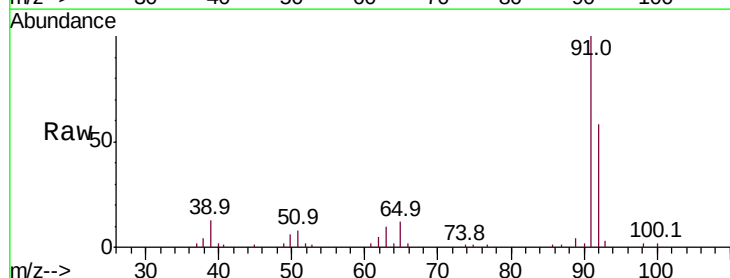
Acq: 21 May 2019 13:56

Tgt Ion: 92 Resp: 73608

Ion Ratio Lower Upper

92 100

91 173.2 136.6 204.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

60000

50000

40000

30000

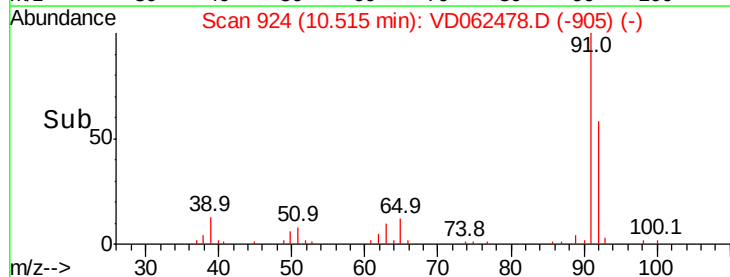
20000

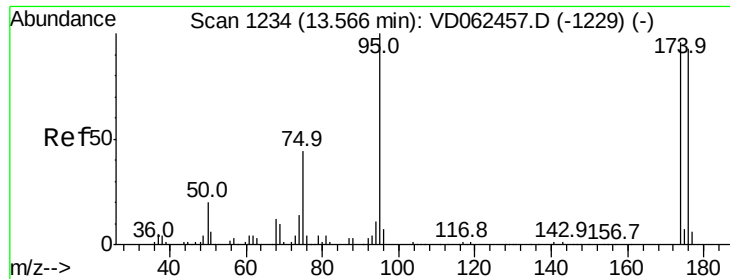
10000

0

Time-->

10.40 10.50 10.60

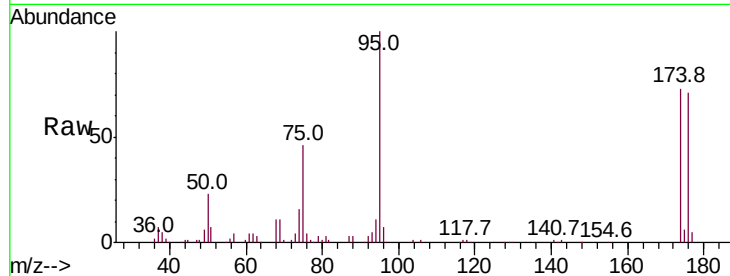




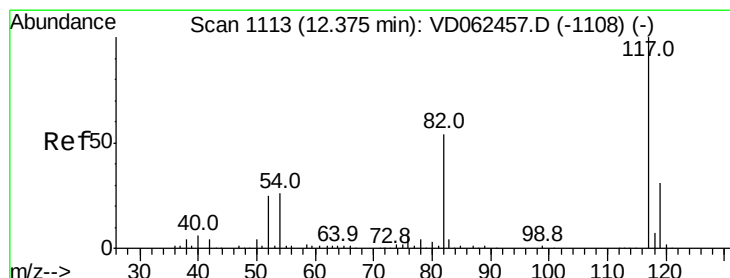
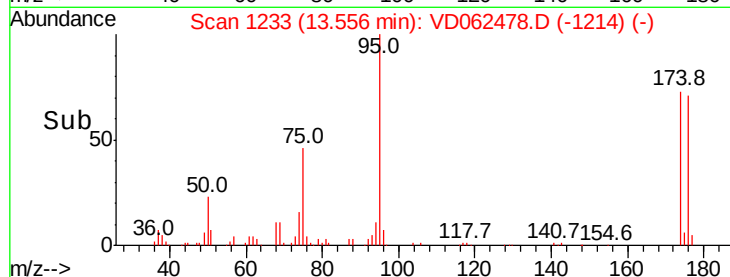
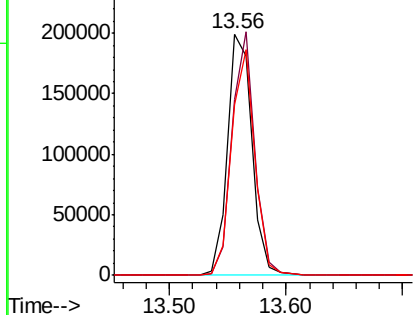
#62
 4-Bromofluorobenzene
 Concen: 36.785 ug/l
 RT: 13.56 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: VD062478.D
 Acq: 21 May 2019 13:56

Instrument :
 MSVOA_D
 ClientSampleId :
 DB-2-4FT

Tot Ion: 95 Resp: 289382
 Ion Ratio Lower Upper
 95 100
 174 72.7 0.0 181.8
 176 70.6 0.0 174.4

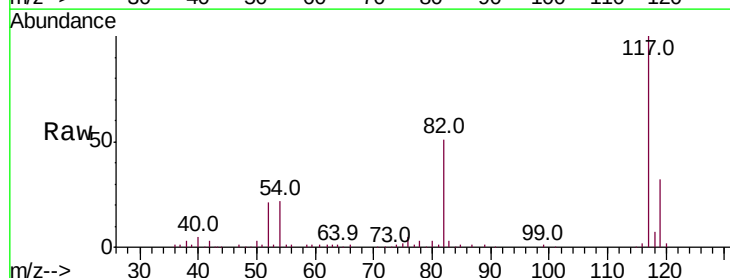


Abundance Ion 95.00 (94.70 to 95.70): V
 Ion 173.90 (173.60 to 174.60): V
 Ion 175.90 (175.60 to 176.60): V

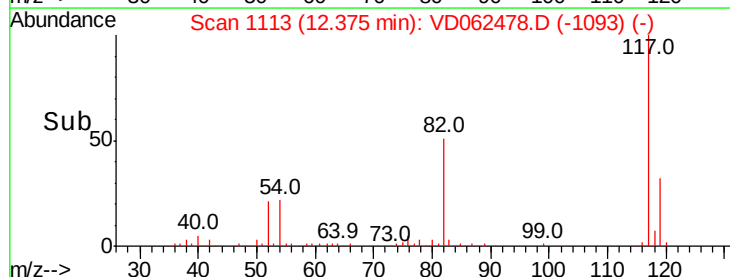
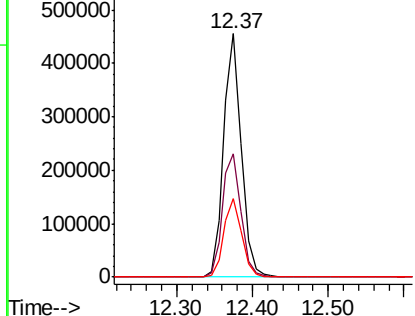


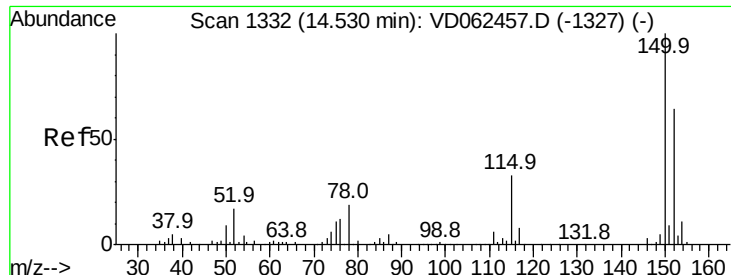
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.37 min Scan# 1113
 Delta R.T. -0.00 min
 Lab File: VD062478.D
 Acq: 21 May 2019 13:56

Tgt Ion: 117 Resp: 739256
 Ion Ratio Lower Upper
 117 100
 82 50.7 36.2 54.2
 119 32.0 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

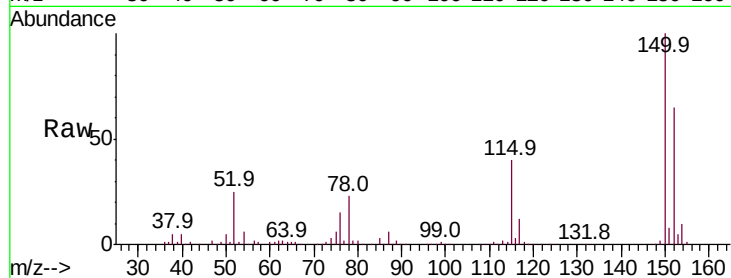




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: VD062478.D
 Acq: 21 May 2019 13:56

Instrument :
 MSVOA_D
 ClientSampleId :
 DB-2-4FT

Tot Ion:152 Resp: 396130
 Ion Ratio Lower Upper
 152 100
 115 61.8 30.9 92.7
 150 154.4 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

