

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062419\
 Data File : VD062851.D
 Acq On : 24 Jun 2019 20:09
 Operator : VA/AP
 Sample : K3500-08
 Misc : 4.80µl/5ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-8(9-10)

Quant Time: Jun 25 05:52:32 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

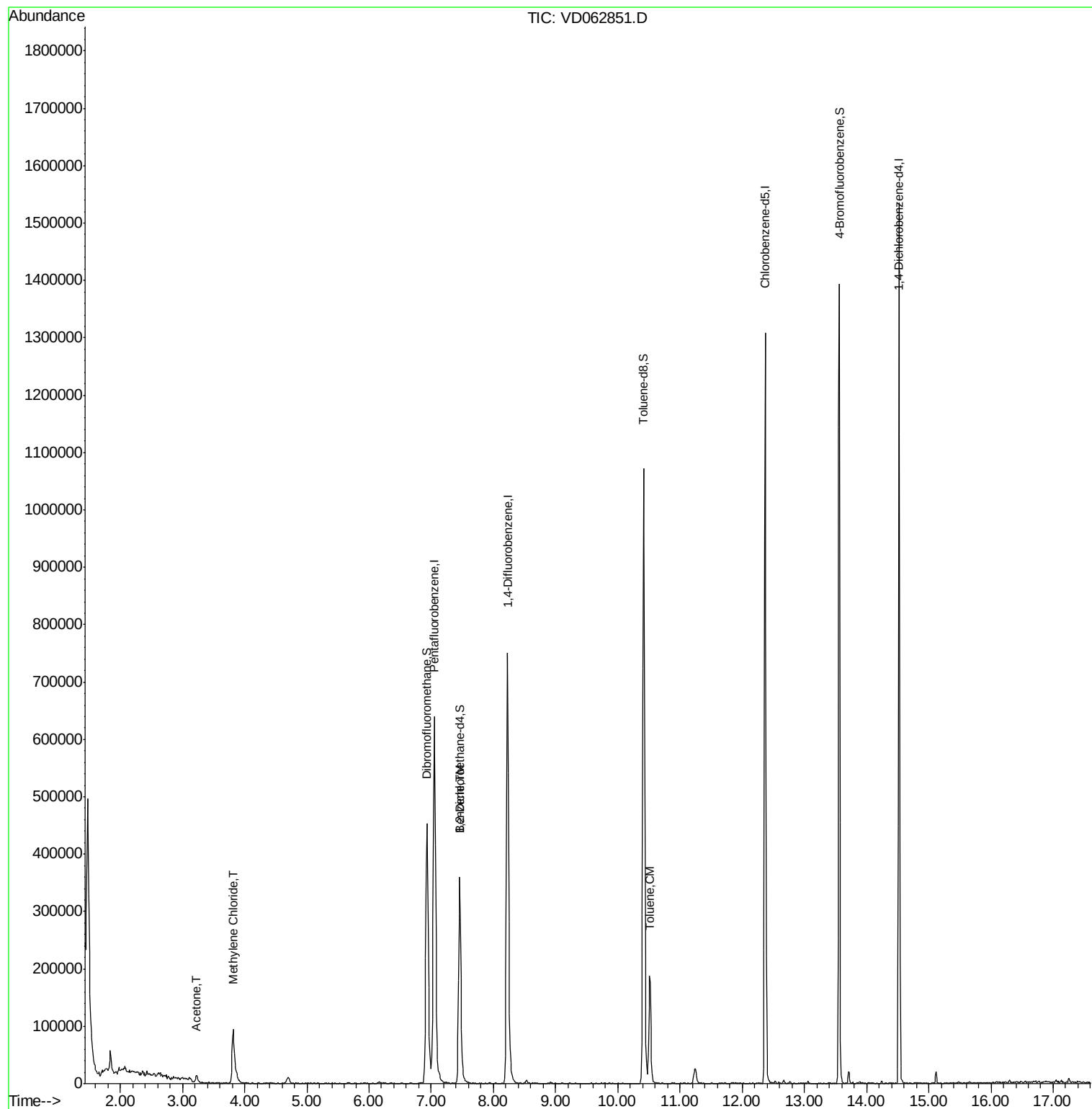
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	596080	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	807423	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	679375	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	331969	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	394752	60.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.86%	
35) Dibromofluoromethane	6.93	113	410964	60.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.72%	
50) Toluene-d8	10.41	98	860750	58.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.18%	
62) 4-Bromofluorobenzene	13.56	95	377087	55.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.94%	
Target Compounds						
16) Acetone	3.23	43	24055	11.637	ug/l	97
20) Methylene Chloride	3.82	84	57934	11.724	ug/l	93
40) Benzene	7.47	78	16261	1.060	ug/l	91
52) Toluene	10.52	92	90705	8.795	ug/l	89

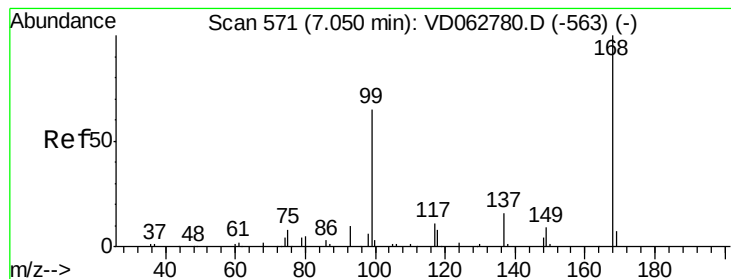
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062419\
Data File : VD062851.D
Acq On : 24 Jun 2019 20:09
Operator : VA/AP
Sample : K3500-08
Misc : 4.80µl/5ml/MSVOA D/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-8(9-10)

Quant Time: Jun 25 05:52:32 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.00 min

Lab File: VD062851.D

Acq: 24 Jun 2019 20:09

Instrument :

MSVOA_D

ClientSampleId :

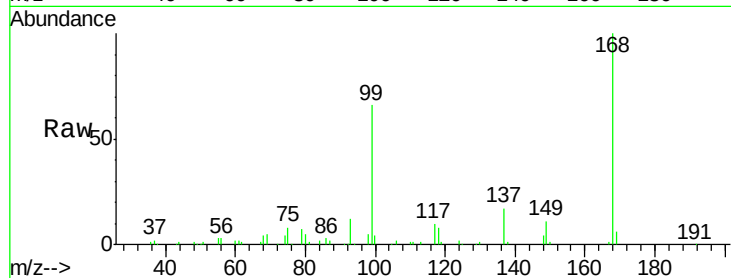
B-8(9-10)

Tot Ion:168 Resp: 596080

Ion Ratio Lower Upper

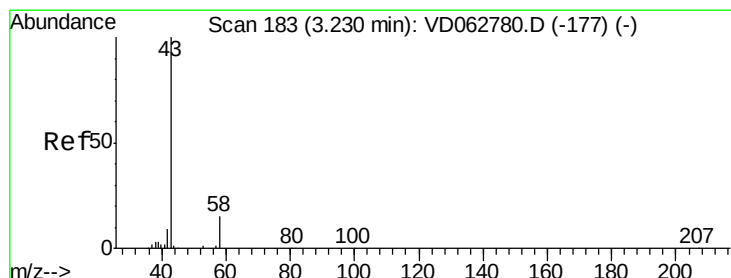
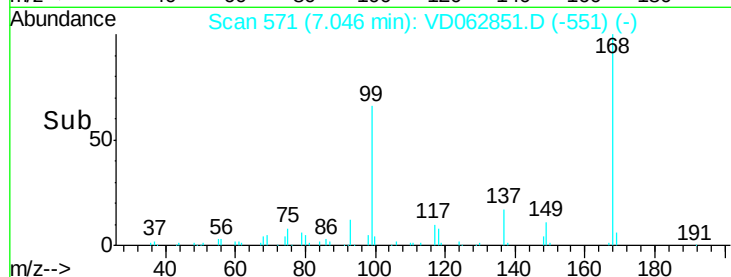
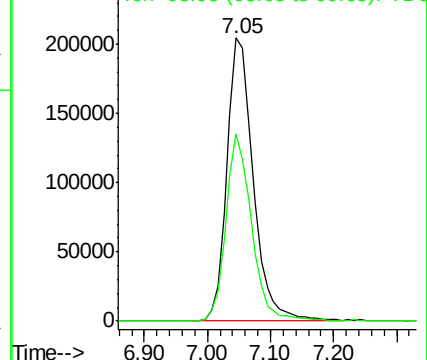
168 100

99 66.3 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 11.637 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD062851.D

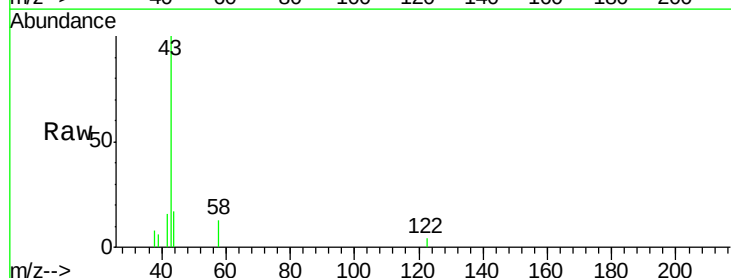
Acq: 24 Jun 2019 20:09

Tgt Ion: 43 Resp: 24055

Ion Ratio Lower Upper

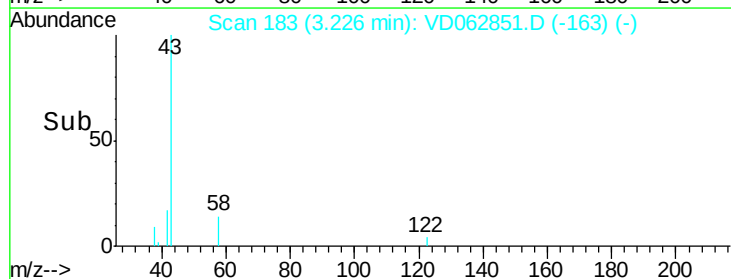
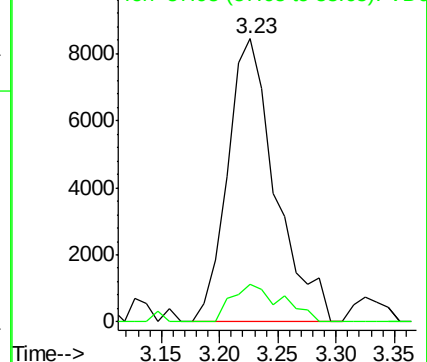
43 100

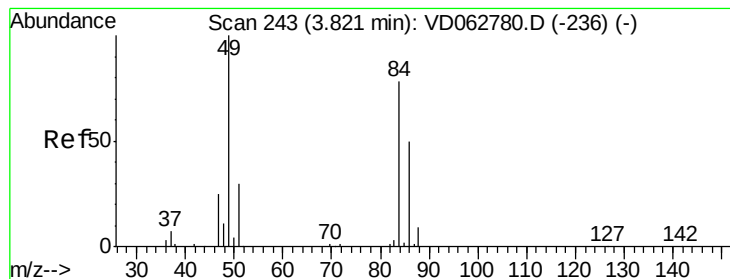
58 13.5 11.9 17.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#20

Methylene Chloride

Concen: 11.724 ug/l

RT: 3.82 min Scan# 243

Delta R.T. -0.00 min

Lab File: VD062851.D

Acq: 24 Jun 2019 20:09

Instrument :

MSVOA_D

ClientSampleId :

B-8(9-10)

Tot Ion: 84 Resp: 57934

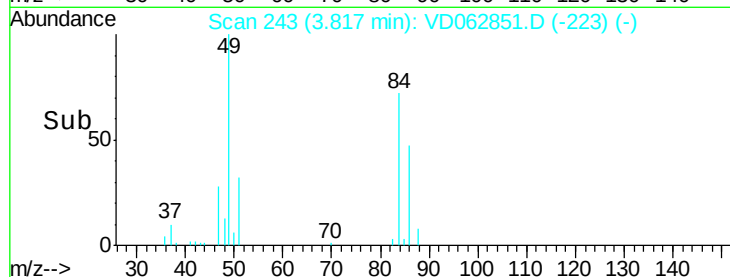
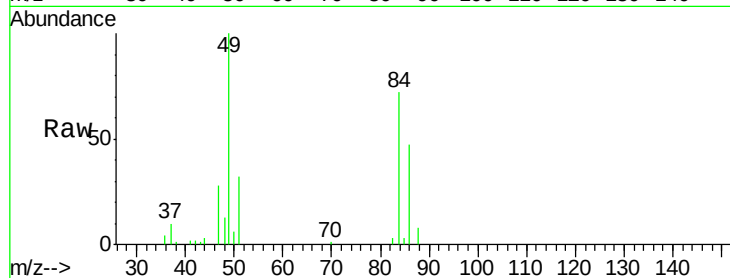
Ion Ratio Lower Upper

84 100

49 138.6 102.9 154.3

51 45.0 31.2 46.8

86 64.7 51.4 77.2

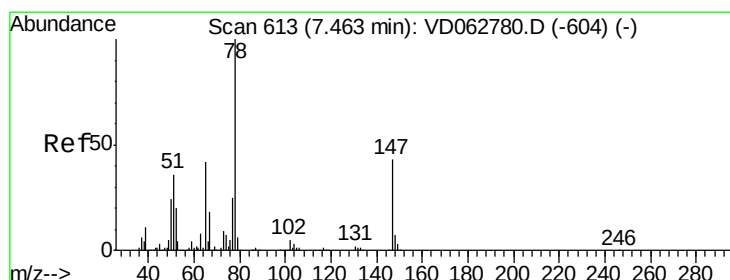
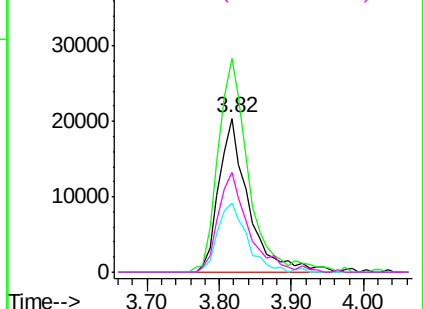


Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#33

1,2-Dichloroethane-d4

Concen: 60.925 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.00 min

Lab File: VD062851.D

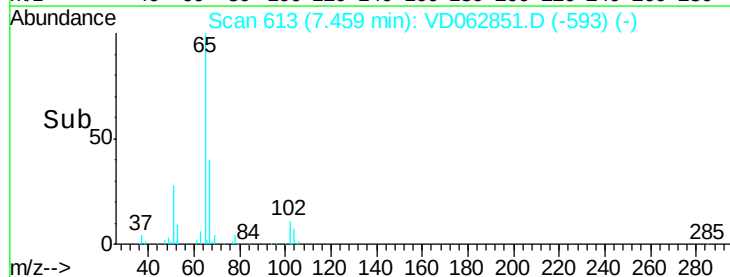
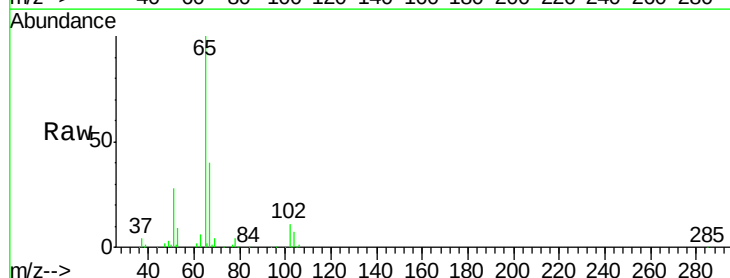
Acq: 24 Jun 2019 20:09

Tgt Ion: 65 Resp: 394752

Ion Ratio Lower Upper

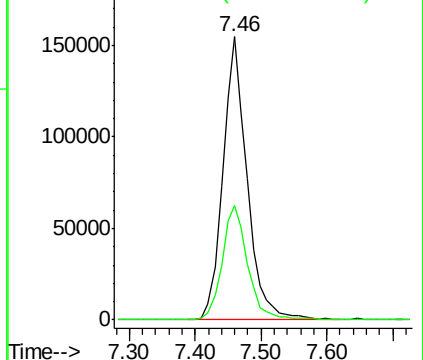
65 100

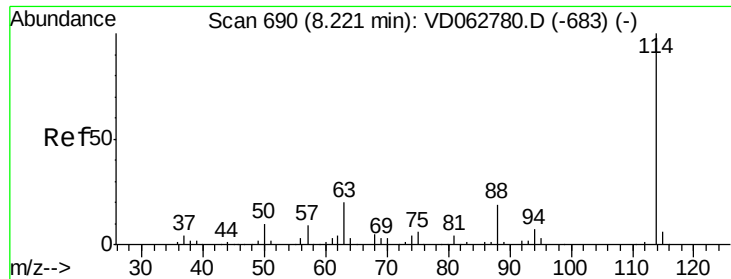
67 40.3 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

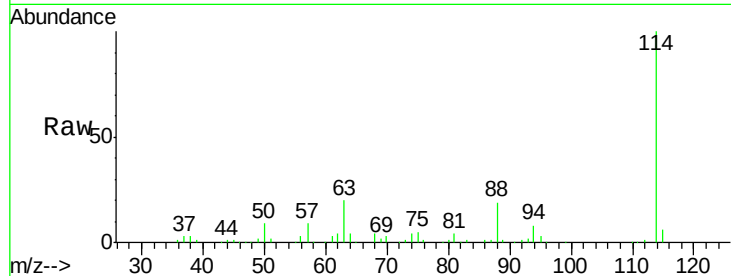




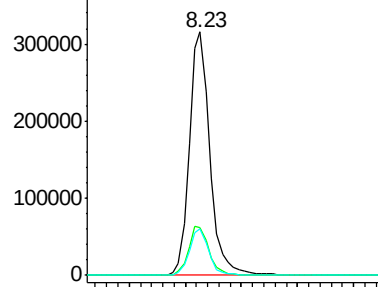
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD062851.D
 Acq: 24 Jun 2019 20:09

Instrument :
 MSVOA_D
 ClientSampleId :
 B-8(9-10)

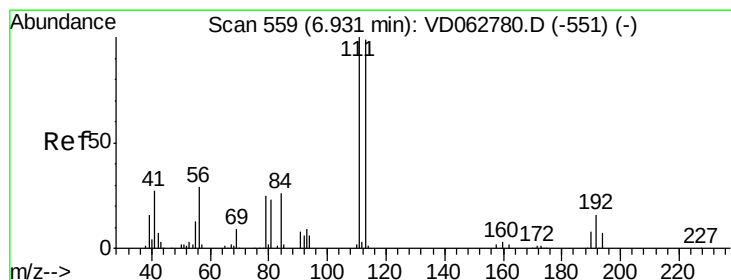
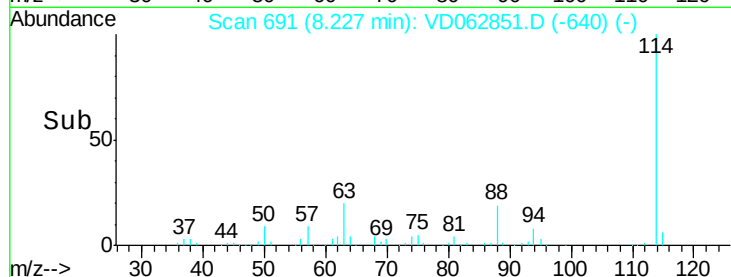
Tot Ion:114 Resp: 807423
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 40.0
 88 19.2 0.0 38.8



Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

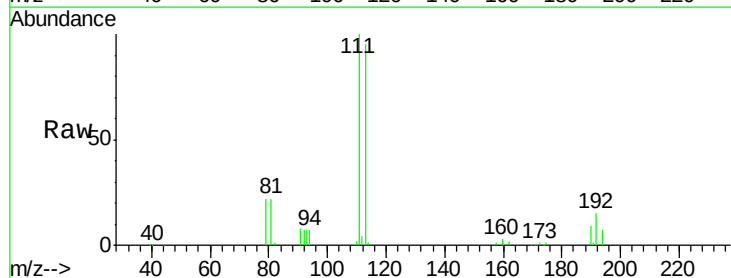


Time-->

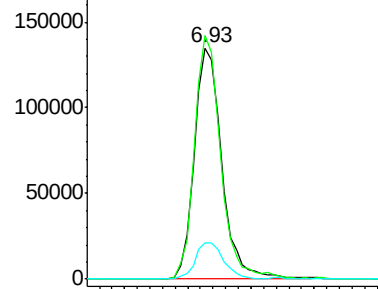


#35
 Dibromofluoromethane
 Concen: 60.363 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: VD062851.D
 Acq: 24 Jun 2019 20:09

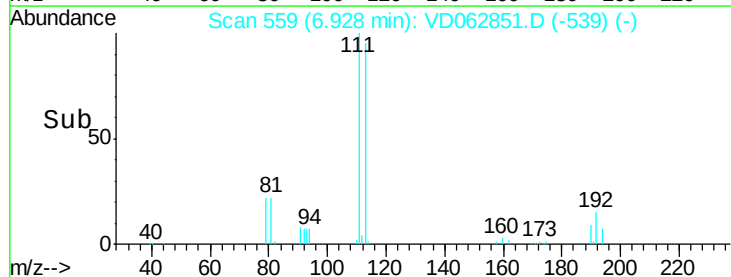
Tgt Ion:113 Resp: 410964
 Ion Ratio Lower Upper
 113 100
 111 105.3 81.2 121.8
 192 15.9 12.9 19.3

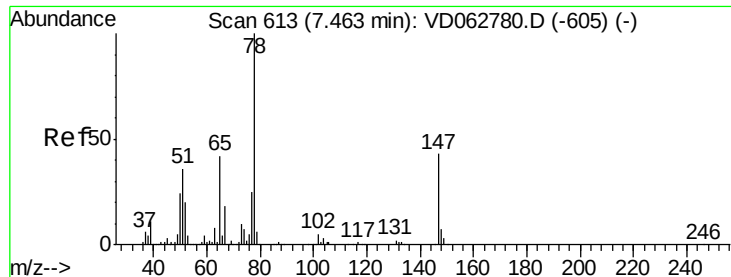


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V



Time-->





#40

Benzene

Concen: 1.060 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.01 min

Lab File: VD062851.D

Acq: 24 Jun 2019 20:09

Instrument :

MSVOA_D

ClientSampleId :

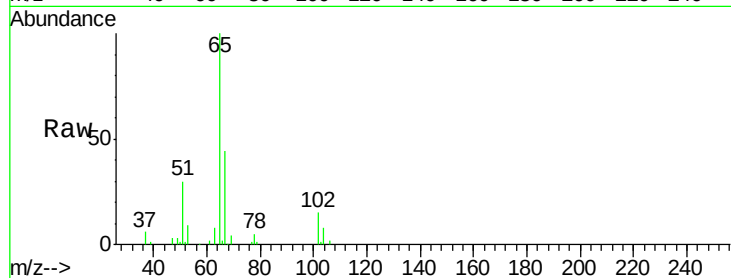
B-8(9-10)

Tot Ion: 78 Resp: 16261

Ion Ratio Lower Upper

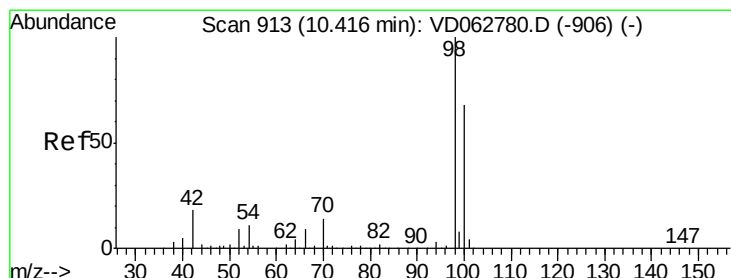
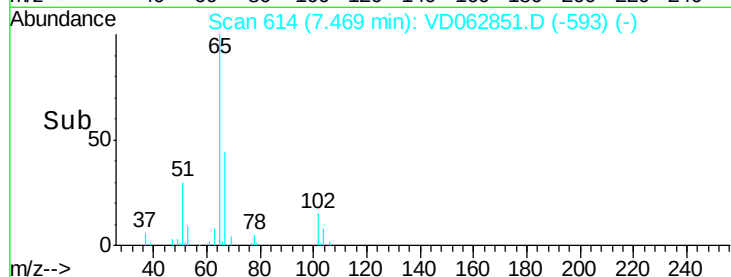
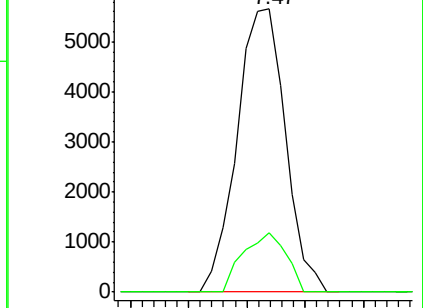
78 100

77 20.8 20.2 30.2



Abundance Ion 77.95 (77.65 to 78.65): VDC

Ion 76.95 (76.65 to 77.65): VDC



#50

Toluene-d8

Concen: 58.089 ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.00 min

Lab File: VD062851.D

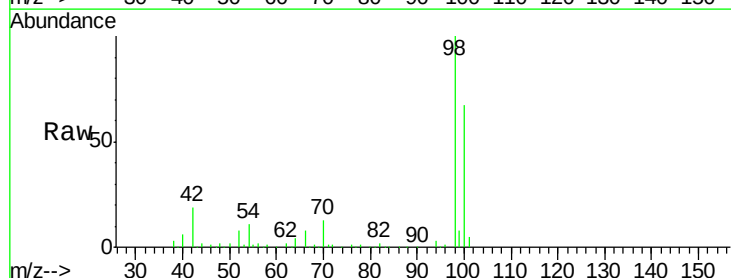
Acq: 24 Jun 2019 20:09

Tgt Ion: 98 Resp: 860750

Ion Ratio Lower Upper

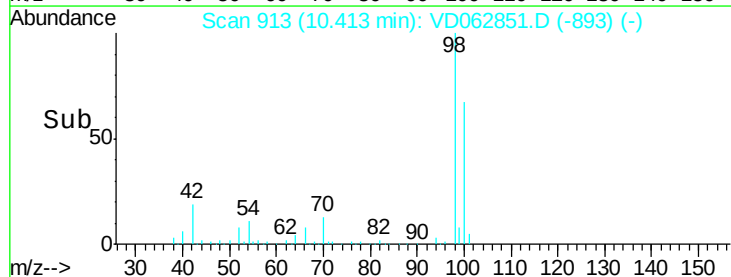
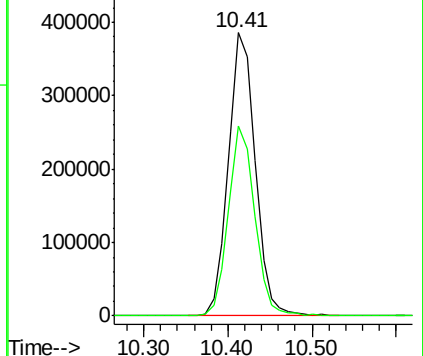
98 100

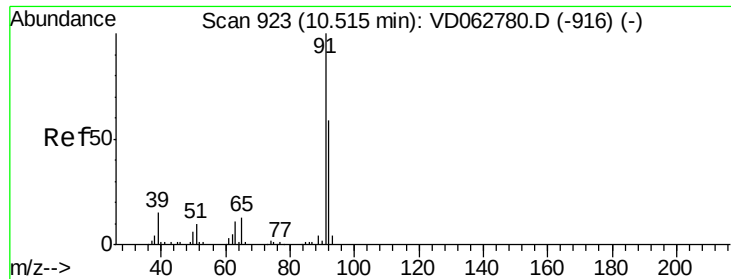
100 67.3 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC





#52

Toluene

Concen: 8.795 ug/l

RT: 10.52 min Scan# 924

Delta R.T. 0.01 min

Lab File: VD062851.D

Acq: 24 Jun 2019 20:09

Instrument :

MSVOA_D

ClientSampleId :

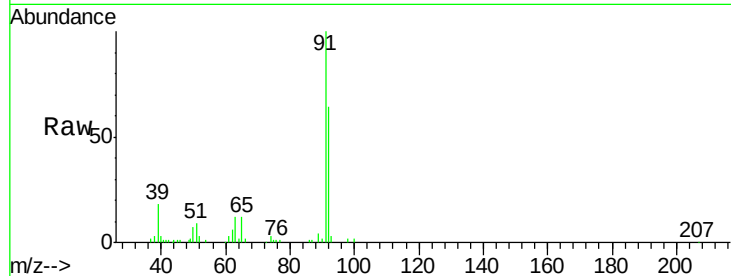
B-8(9-10)

Tot Ion: 92 Resp: 90705

Ion Ratio Lower Upper

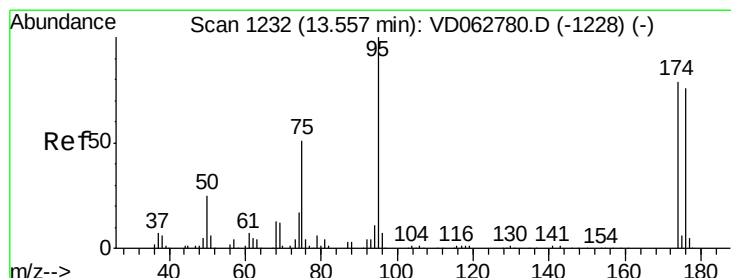
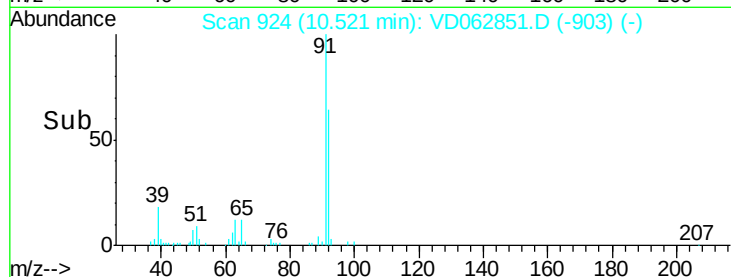
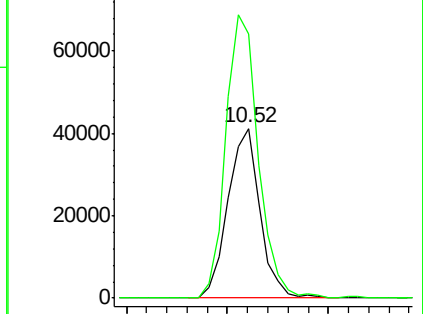
92 100

91 155.2 136.3 204.5



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: 55.967 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062851.D

Acq: 24 Jun 2019 20:09

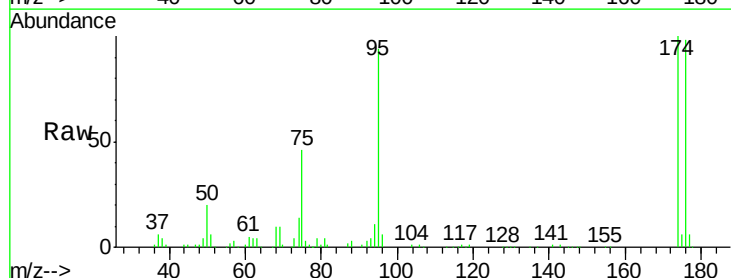
Tgt Ion: 95 Resp: 377087

Ion Ratio Lower Upper

95 100

174 106.1 0.0 158.0

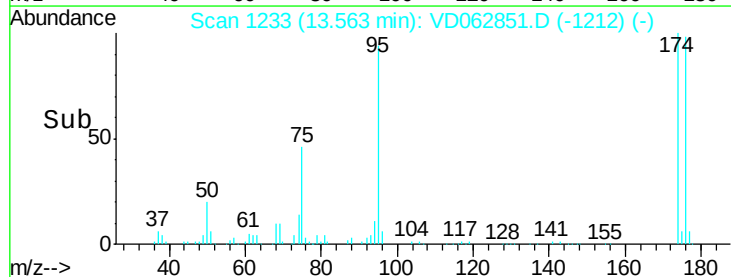
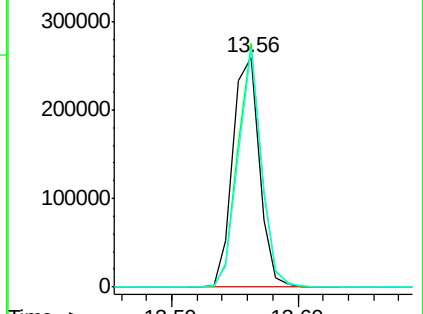
176 103.7 0.0 151.6

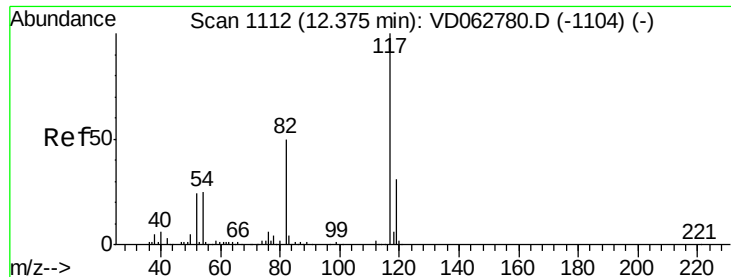


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

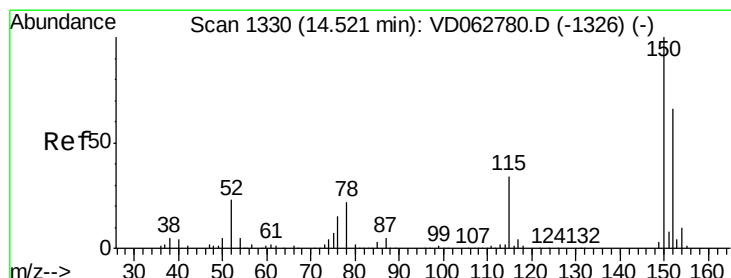
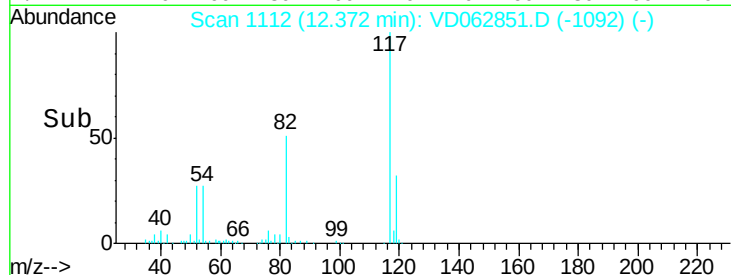
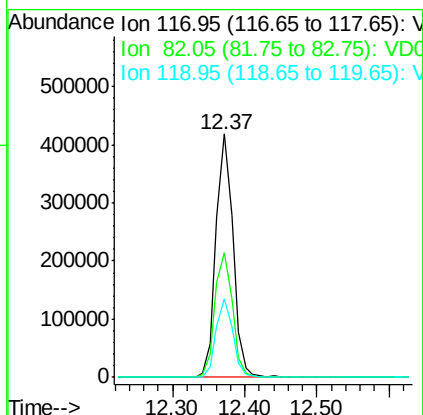
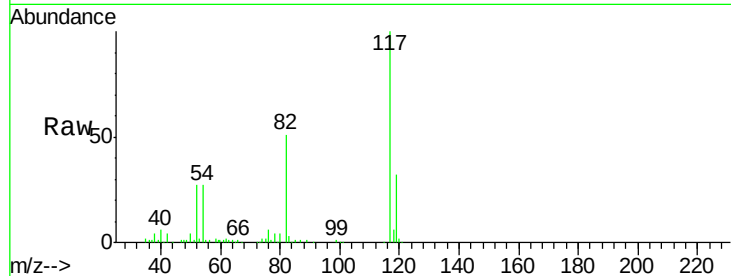




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD062851.D
Acq: 24 Jun 2019 20:09

Instrument :
MSVOA_D
ClientSampleId :
B-8(9-10)

Tot Ion:117 Resp: 679375
Ion Ratio Lower Upper
117 100
82 51.1 40.4 60.6
119 32.2 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD062851.D
Acq: 24 Jun 2019 20:09

Tgt Ion:152 Resp: 331969
Ion Ratio Lower Upper
152 100
115 64.3 29.2 87.6
150 154.3 0.0 305.8

