

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052819\
 Data File : VD062545.D
 Acq On : 28 May 2019 18:09
 Operator : VA/AP
 Sample : K3072-02
 Misc : 5.69g/5ml/MSVOA D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Quant Time: May 29 01:32:31 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

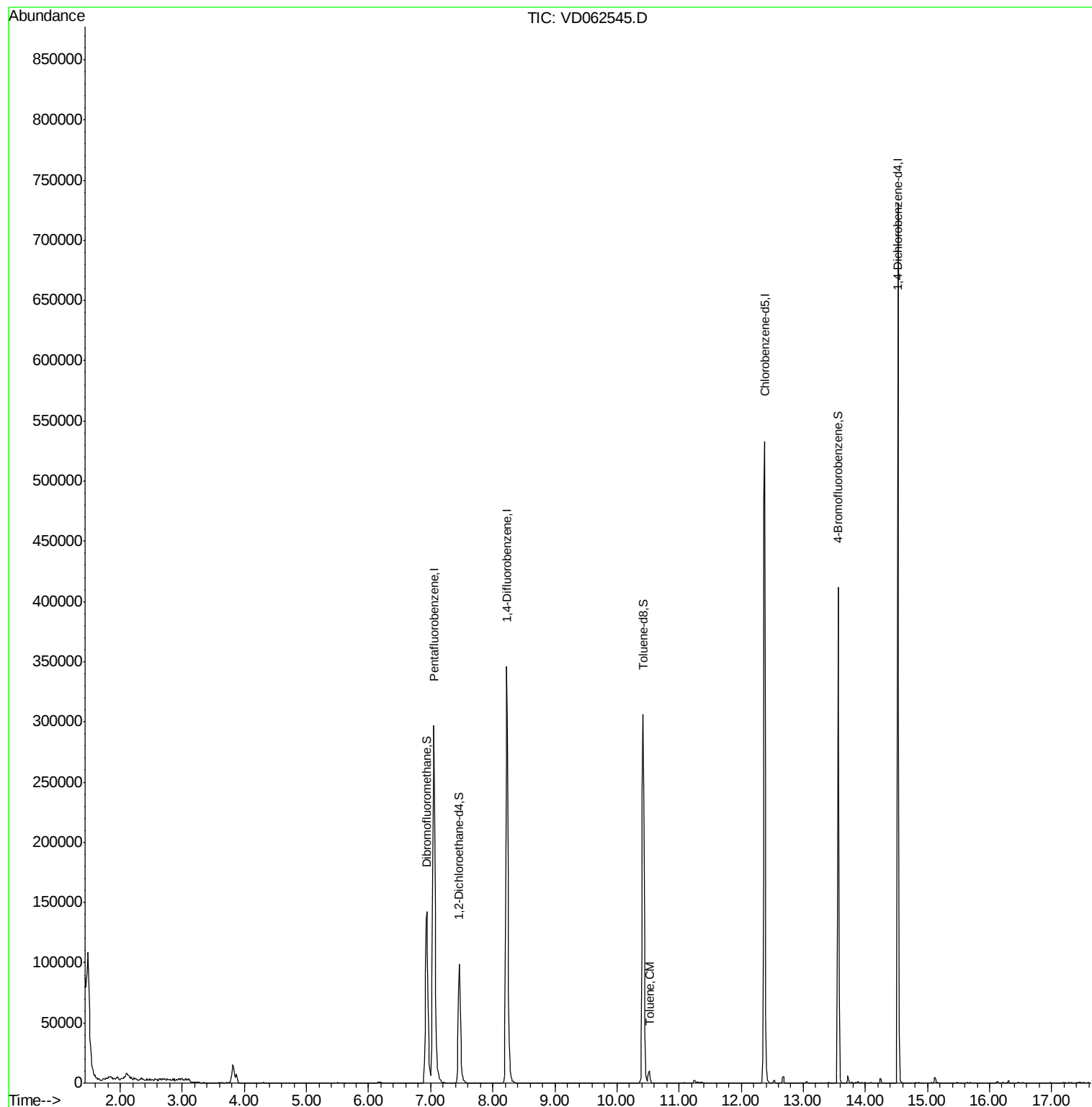
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	270413	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	342163	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.38	117	277895	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	146006	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	121755	42.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.12%	
35) Dibromofluoromethane	6.94	113	124800	40.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	80.86%	
50) Toluene-d8	10.42	98	234363	34.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	69.38%	
62) 4-Bromofluorobenzene	13.56	95	109373	37.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.02%	
Target Compounds						
52) Toluene	10.52	92	5871	1.337	ug/l	Qvalue 88

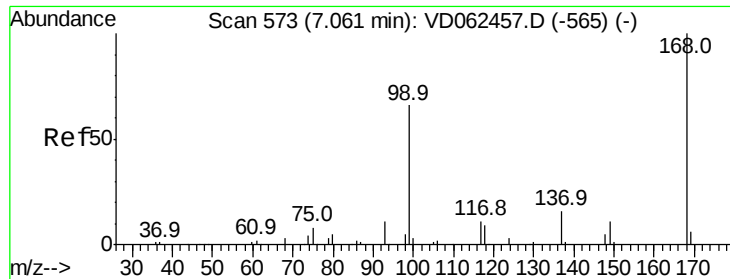
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD062545.D

Acq: 28 May 2019 18:09

Instrument :

MSVOA_D

ClientSampleId :

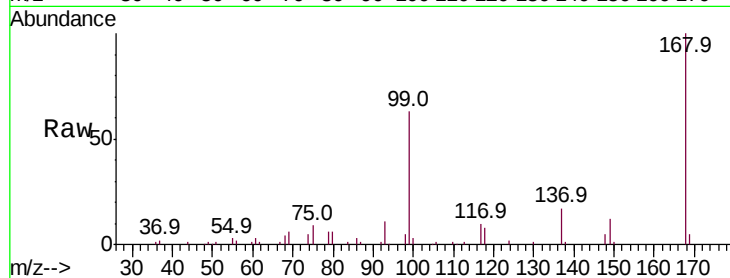
TP-2

Tot Ion:168 Resp: 270413

Ion Ratio Lower Upper

168 100

99 62.6 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

100000

80000

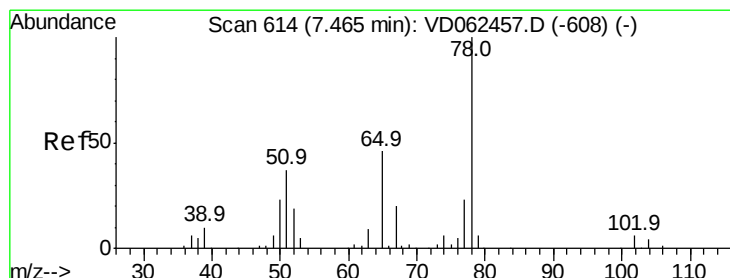
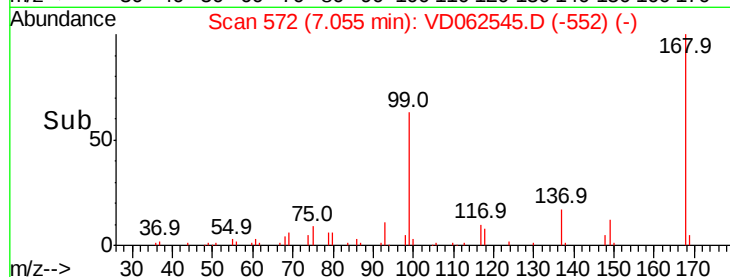
60000

40000

20000

0

Time--> 6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: 42.063 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.01 min

Lab File: VD062545.D

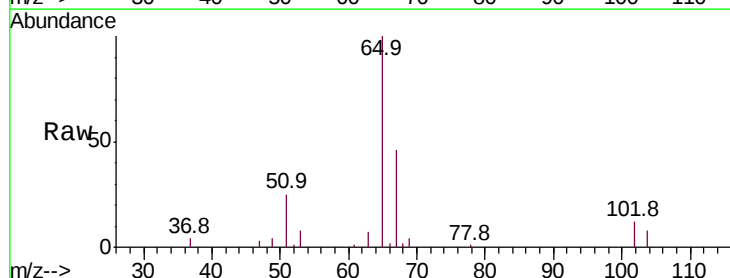
Acq: 28 May 2019 18:09

Tgt Ion: 65 Resp: 121755

Ion Ratio Lower Upper

65 100

67 46.0 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.46

50000

40000

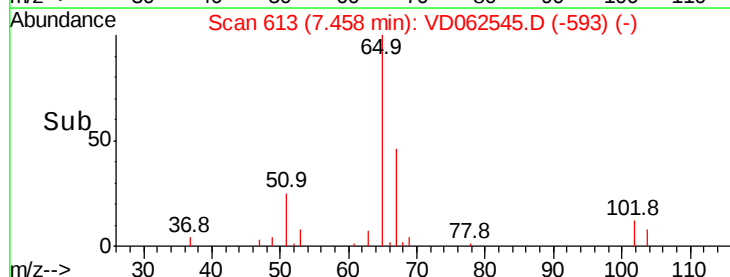
30000

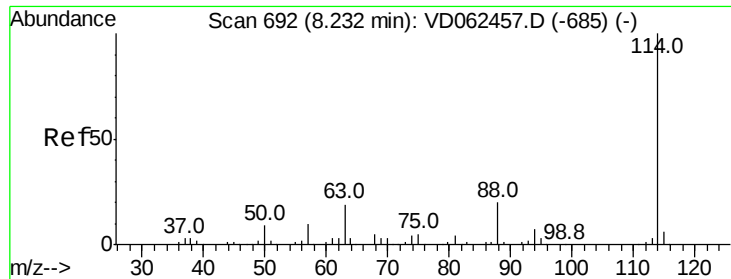
20000

10000

0

Time--> 7.30 7.40 7.50 7.60

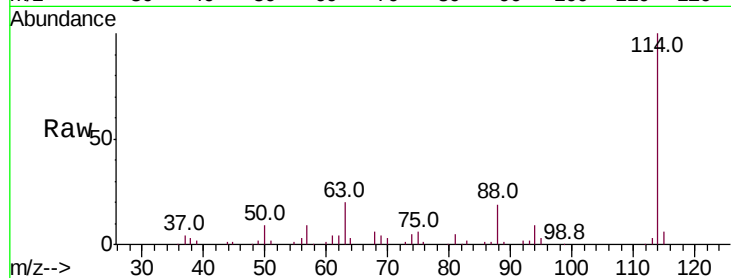




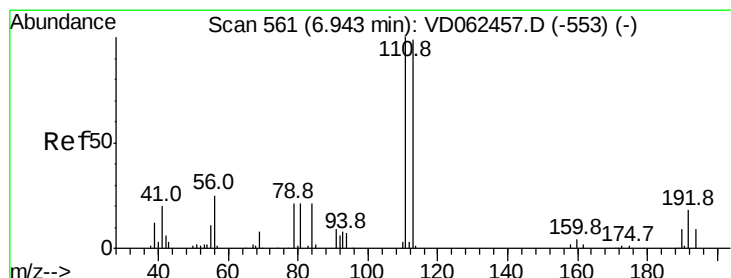
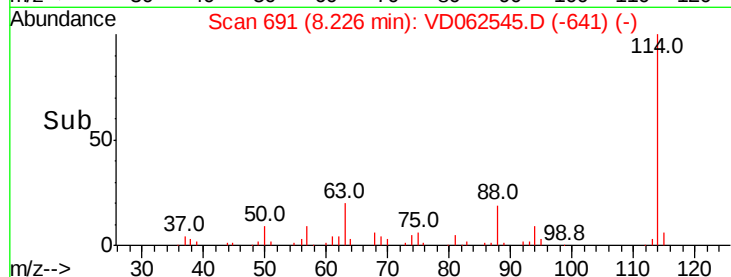
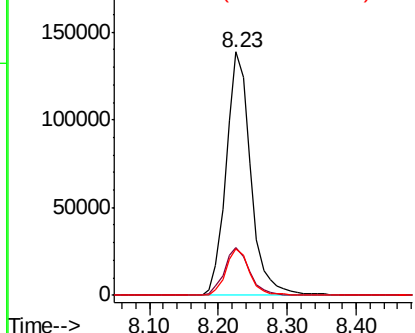
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. -0.01 min
 Lab File: VD062545.D
 Acq: 28 May 2019 18:09

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Tot Ion:114 Resp: 342163
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 32.4
 88 18.9 0.0 33.6

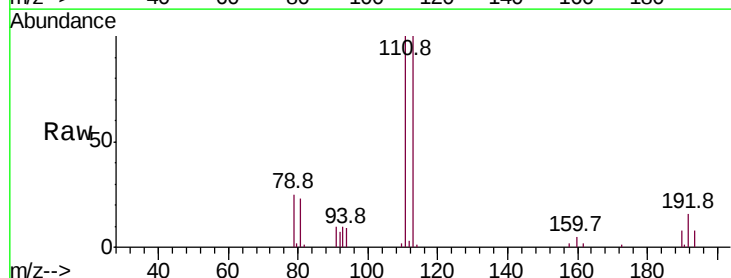


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

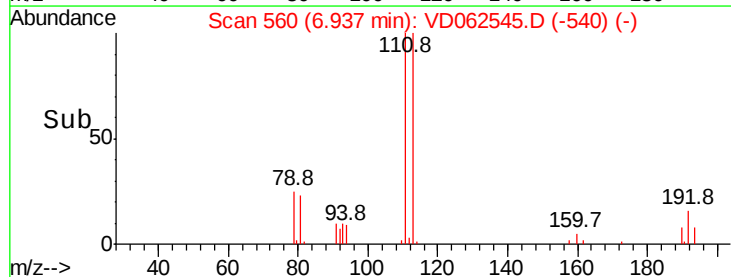
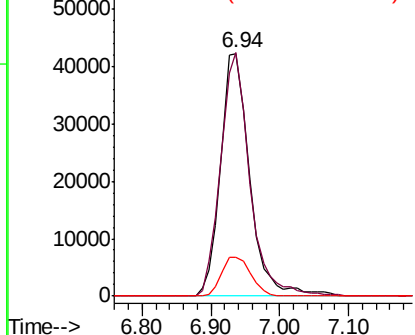


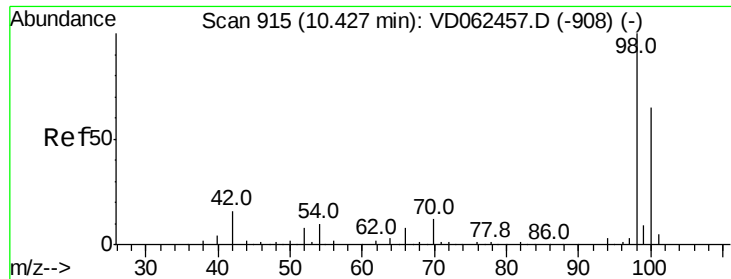
#35
 Dibromofluoromethane
 Concen: 40.431 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. -0.01 min
 Lab File: VD062545.D
 Acq: 28 May 2019 18:09

Tgt Ion:113 Resp: 124800
 Ion Ratio Lower Upper
 113 100
 111 100.3 78.5 117.7
 192 15.9 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

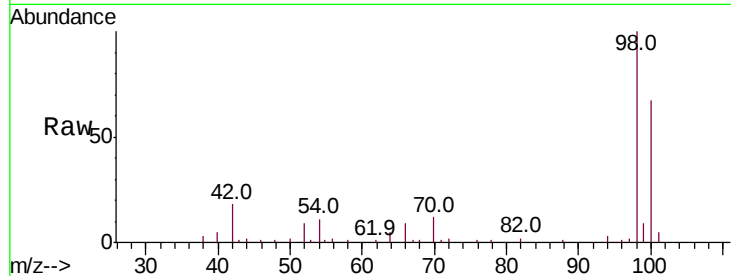




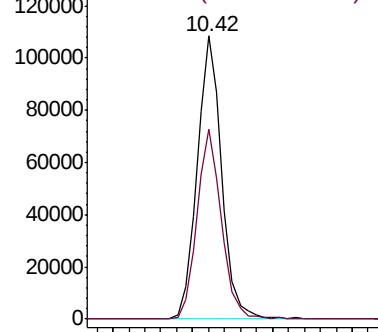
#50
Toluene-d8
Concen: 34.695 ug/l
RT: 10.42 min Scan# 914
Delta R.T. -0.01 min
Lab File: VD062545.D
Acq: 28 May 2019 18:09

Instrument :
MSVOA_D
ClientSampleId :
TP-2

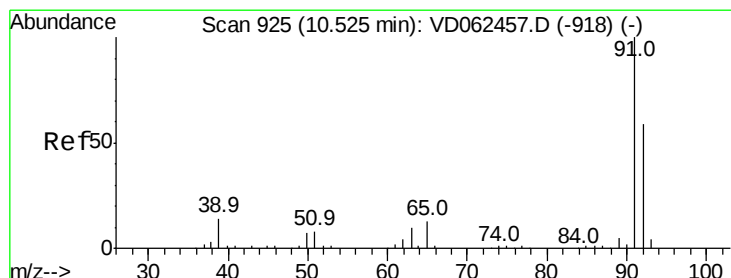
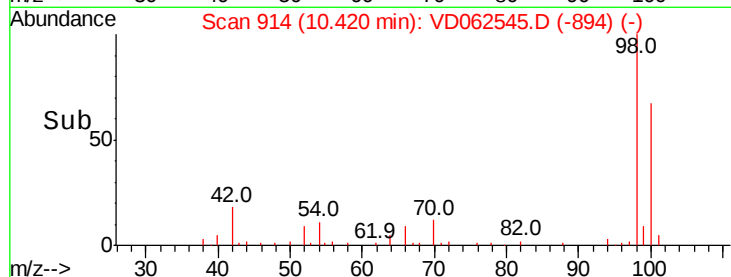
Tot Ion: 98 Resp: 234363
Ion Ratio Lower Upper
98 100
100 67.3 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

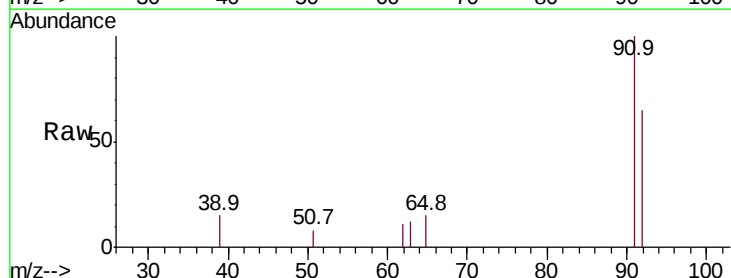


Time--> 10.30 10.40 10.50 10.60

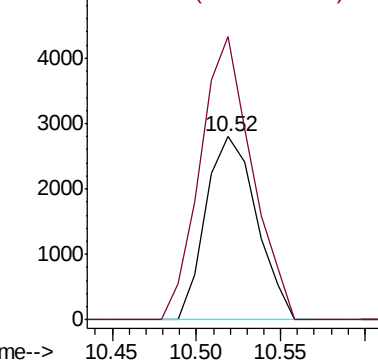


#52
Toluene
Concen: 1.337 ug/l
RT: 10.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: VD062545.D
Acq: 28 May 2019 18:09

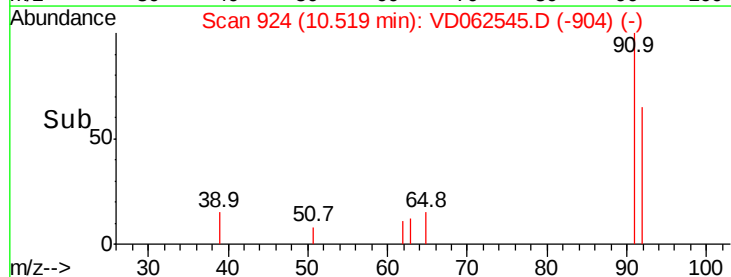
Tgt Ion: 92 Resp: 5871
Ion Ratio Lower Upper
92 100
91 154.3 136.6 204.8

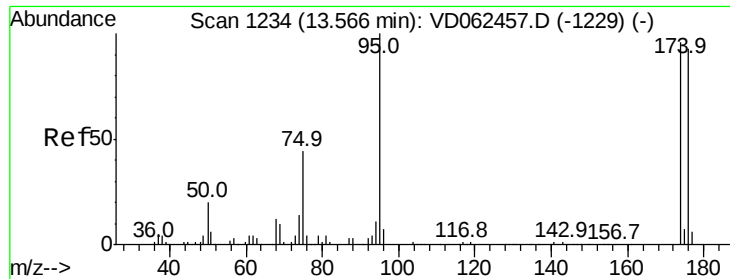


Abundance Ion 92.00 (91.70 to 92.70): VDC
Ion 91.00 (90.70 to 91.70): VDC



Time--> 10.45 10.50 10.55

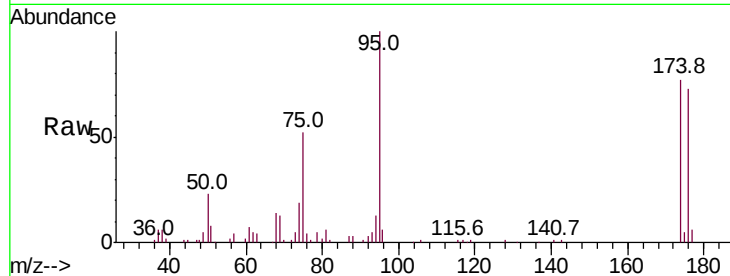




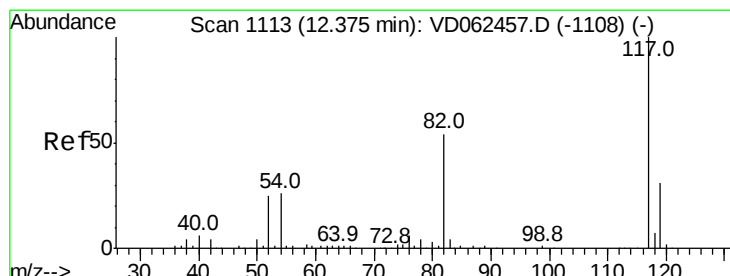
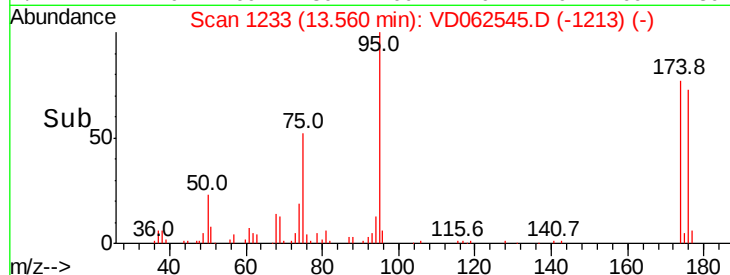
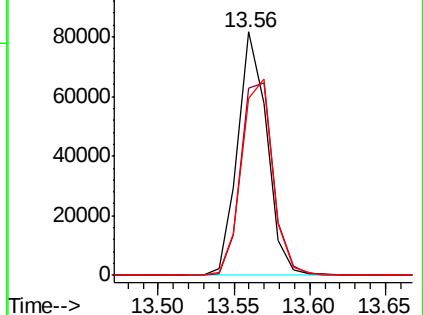
#62
 4-Bromofluorobenzene
 Concen: 37.015 ug/l
 RT: 13.56 min Scan# 1233
 Delta R.T. -0.01 min
 Lab File: VD062545.D
 Acq: 28 May 2019 18:09

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Tot Ion: 95 Resp: 109373
 Ion Ratio Lower Upper
 95 100
 174 77.2 0.0 181.8
 176 72.8 0.0 174.4

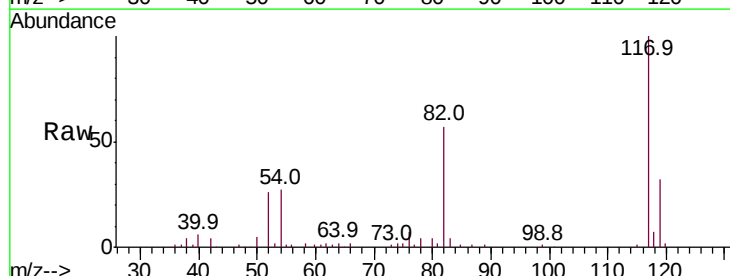


Abundance Ion 95.00 (94.70 to 95.70): V
 Ion 173.90 (173.60 to 174.60): V
 Ion 175.90 (175.60 to 176.60): V

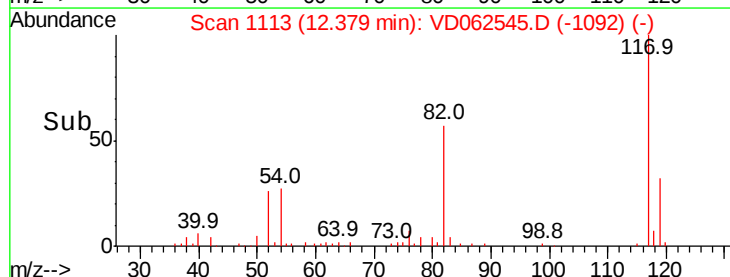
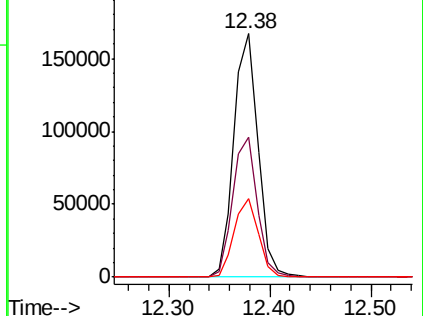


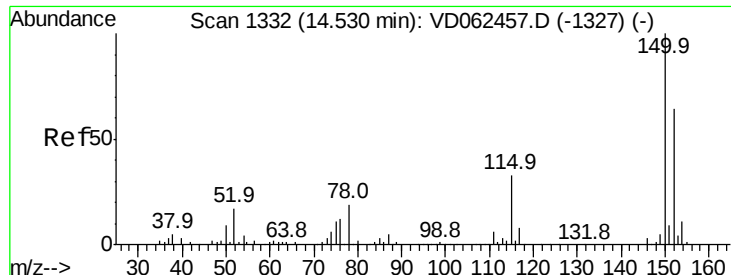
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.38 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: VD062545.D
 Acq: 28 May 2019 18:09

Tgt Ion: 117 Resp: 277895
 Ion Ratio Lower Upper
 117 100
 82 57.3 36.2 54.2#
 119 32.3 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

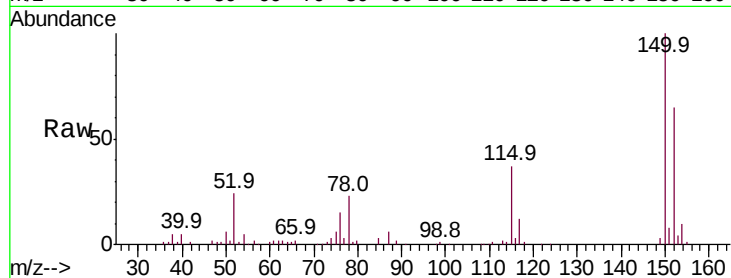




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1331
 Delta R.T. -0.01 min
 Lab File: VD062545.D
 Acq: 28 May 2019 18:09

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Tot Ion:152 Resp: 146006
 Ion Ratio Lower Upper
 152 100
 115 57.6 30.9 92.7
 150 153.7 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

