

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052819\
 Data File : VD062543.D
 Acq On : 28 May 2019 17:13
 Operator : VA/AP
 Sample : K3065-03RE
 Misc : 4.99g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-15-1.5-2.0RE

Quant Time: May 29 01:29:25 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

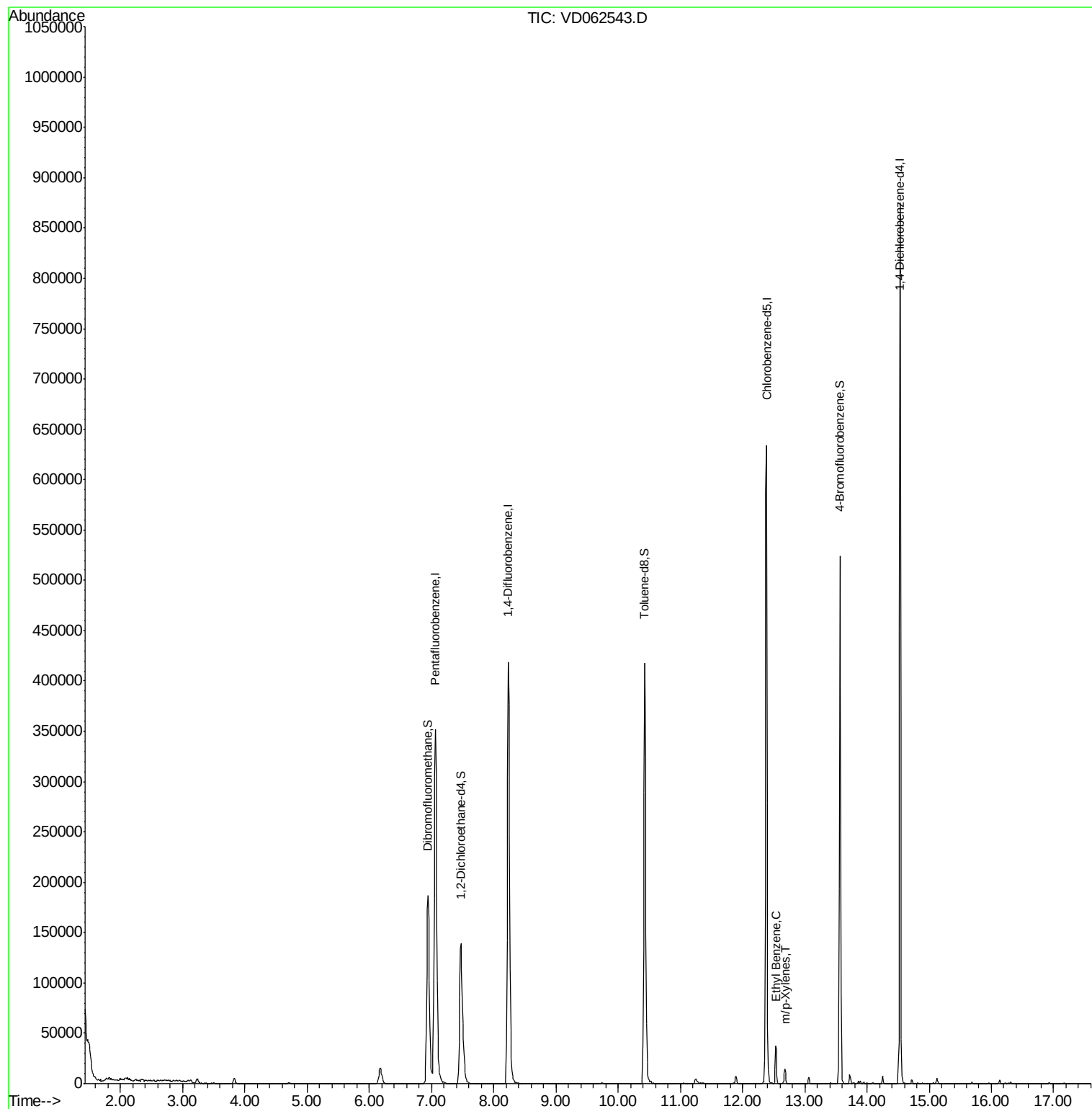
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	322923	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	428834	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.39	117	333286	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.53	152	174152	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	160594	46.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.92%	
35) Dibromofluoromethane	6.94	113	170683	44.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.24%	
50) Toluene-d8	10.43	98	306144	36.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.32%	
62) 4-Bromofluorobenzene	13.57	95	141390	38.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.36%	
Target Compounds						
67) Ethyl Benzene	12.53	91	26602	2.410	ug/l	91
68) m/p-Xylenes	12.68	106	4691	1.184	ug/l	81

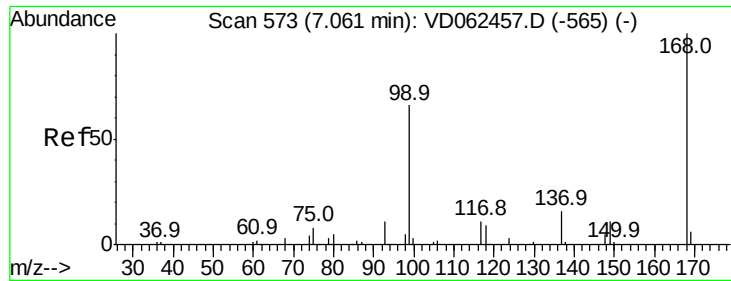
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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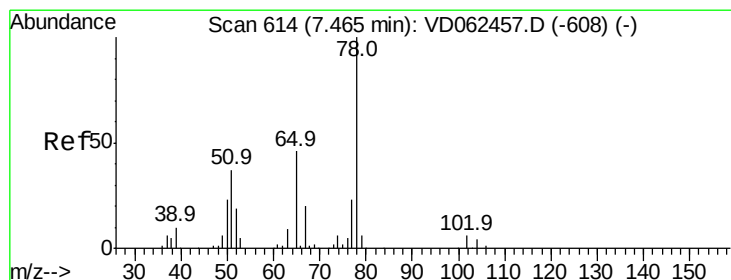
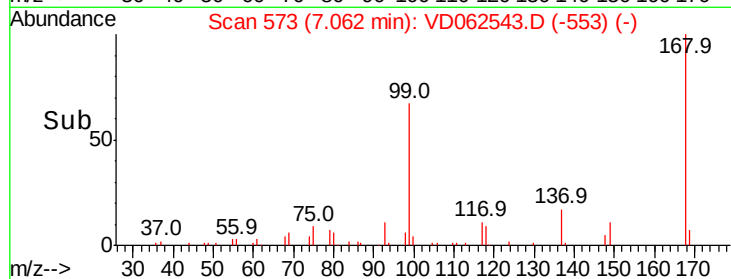
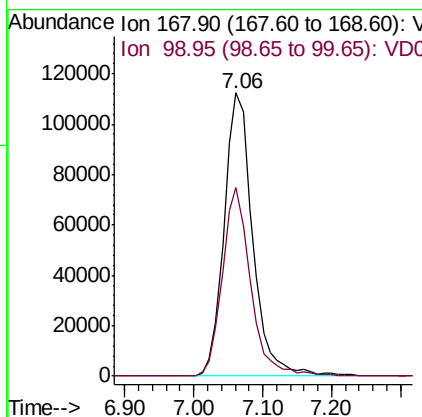
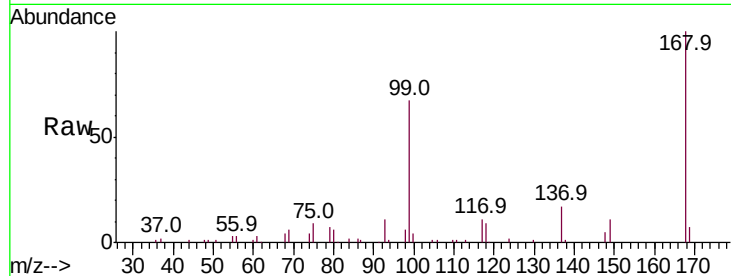




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.06 min Scan# 573
Delta R.T. 0.00 min
Lab File: VD062543.D
Acq: 28 May 2019 17:13

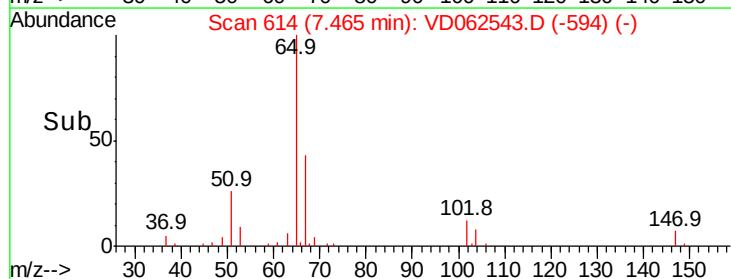
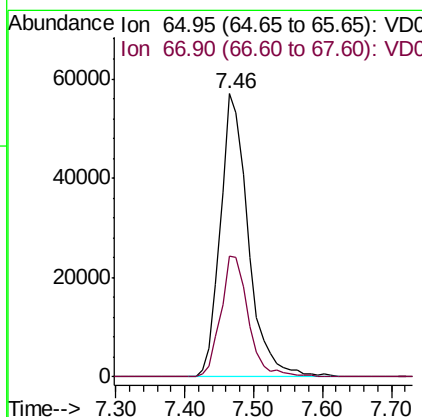
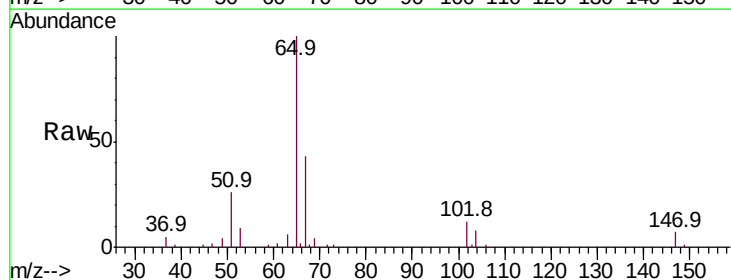
Instrument :
MSVOA_D
ClientSampleId :
B-15-1.5-2.0RE

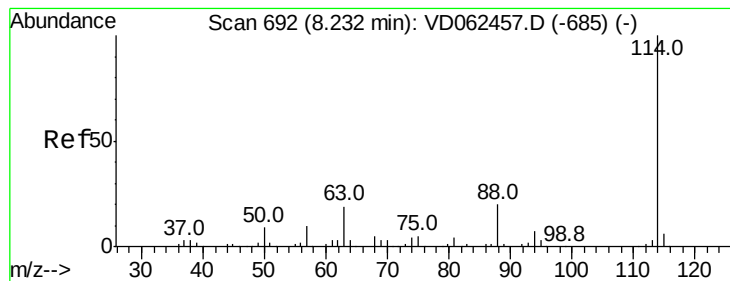
Tot Ion:168 Resp: 322923
Ion Ratio Lower Upper
168 100
99 66.6 46.5 69.7



#33
1,2-Dichloroethane-d4
Concen: 46.459 ug/l
RT: 7.46 min Scan# 614
Delta R.T. 0.00 min
Lab File: VD062543.D
Acq: 28 May 2019 17:13

Tgt Ion: 65 Resp: 160594
Ion Ratio Lower Upper
65 100
67 42.9 0.0 98.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 692

Delta R.T. 0.00 min

Lab File: VD062543.D

Acq: 28 May 2019 17:13

Instrument :

MSVOA_D

ClientSampleId :

B-15-1.5-2.0RE

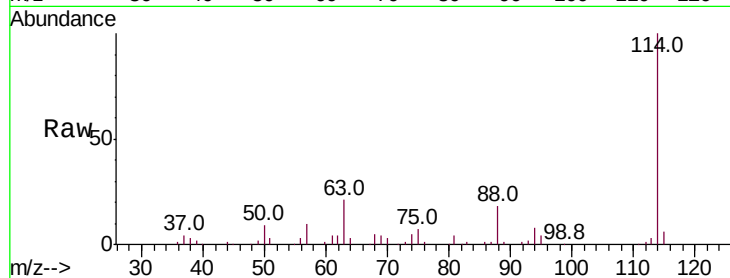
Tot Ion:114 Resp: 428834

Ion Ratio Lower Upper

114 100

63 20.6 0.0 32.4

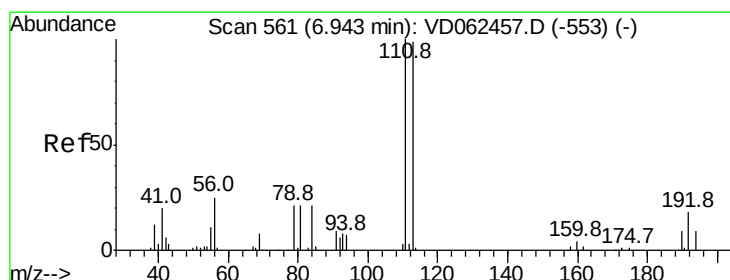
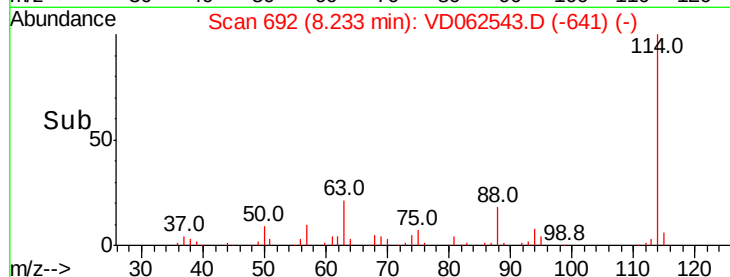
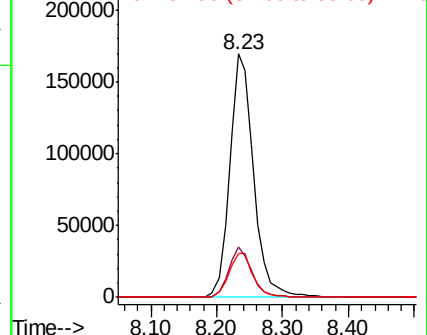
88 17.9 0.0 33.6



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: 44.120 ug/l

RT: 6.94 min Scan# 561

Delta R.T. 0.00 min

Lab File: VD062543.D

Acq: 28 May 2019 17:13

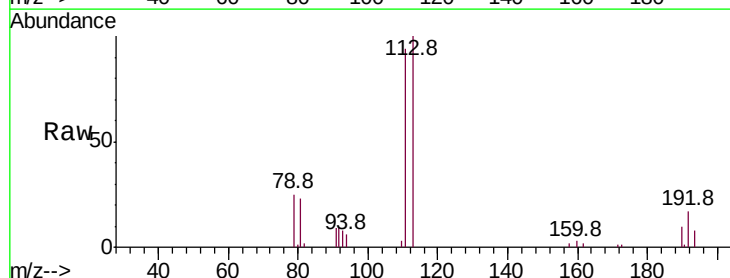
Tgt Ion:113 Resp: 170683

Ion Ratio Lower Upper

113 100

111 93.6 78.5 117.7

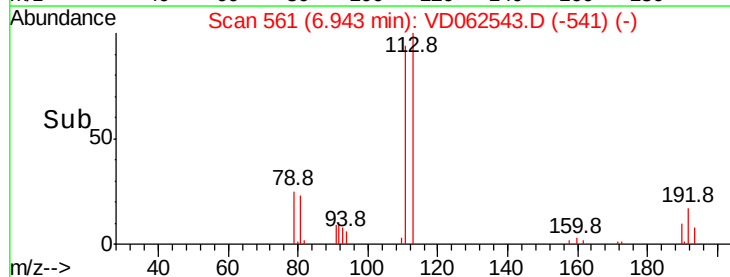
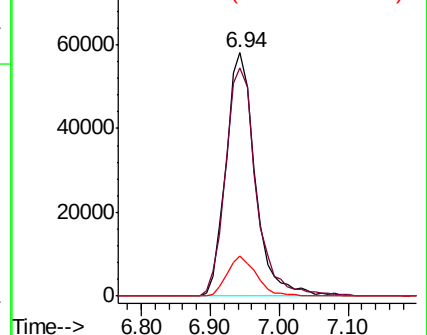
192 16.7 13.0 19.4

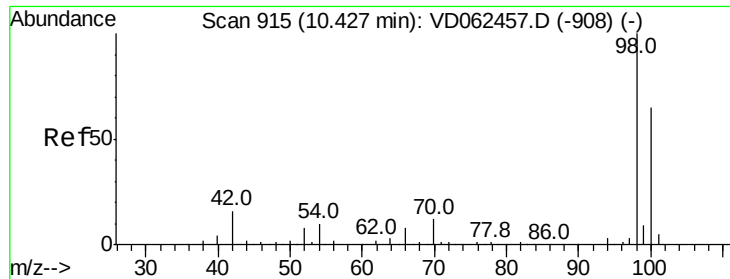


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

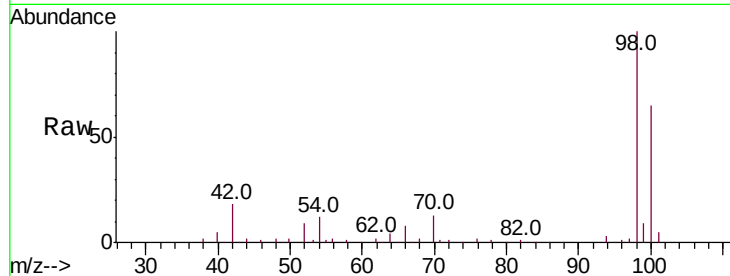




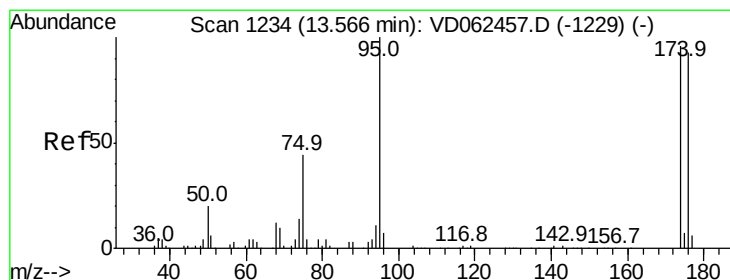
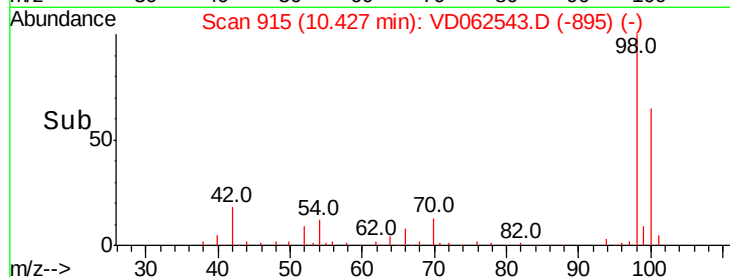
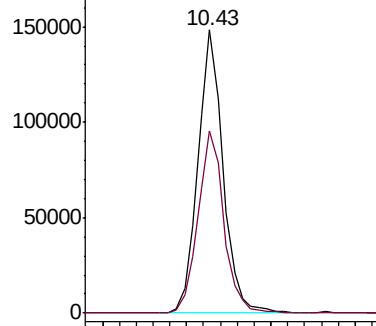
#50
Toluene-d8
Concen: 36.161 ug/l
RT: 10.43 min Scan# 915
Delta R.T. 0.00 min
Lab File: VD062543.D
Acq: 28 May 2019 17:13

Instrument :
MSVOA_D
ClientSampleId :
B-15-1.5-2.0RE

Tot Ion: 98 Resp: 306144
Ion Ratio Lower Upper
98 100
100 64.6 53.8 80.8

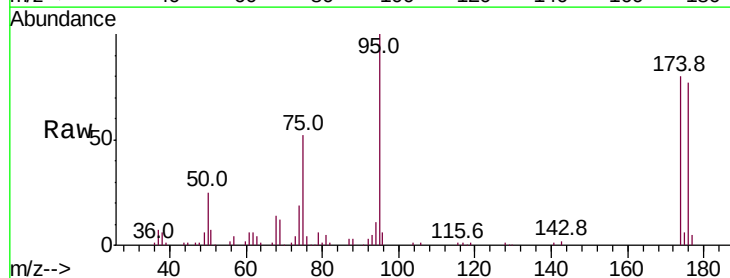


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

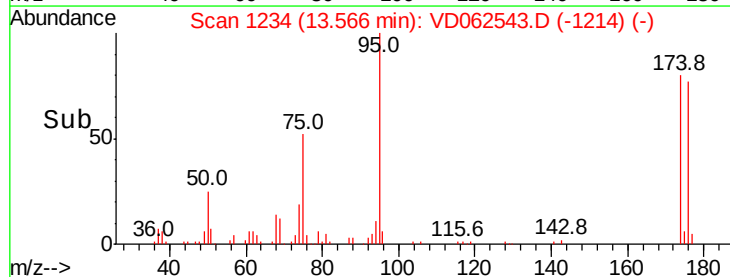
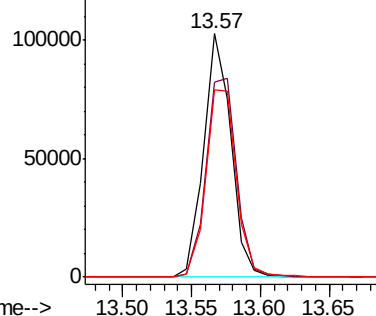


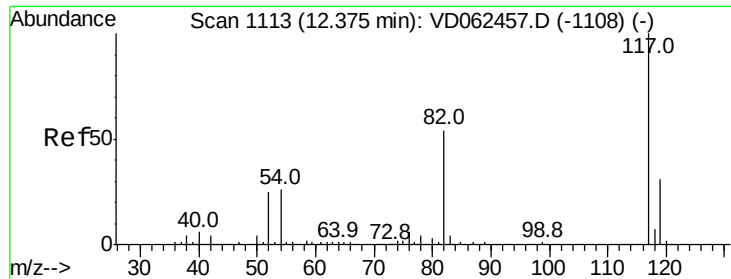
#62
4-Bromofluorobenzene
Concen: 38.179 ug/l
RT: 13.57 min Scan# 1234
Delta R.T. 0.00 min
Lab File: VD062543.D
Acq: 28 May 2019 17:13

Tgt Ion: 95 Resp: 141390
Ion Ratio Lower Upper
95 100
174 80.2 0.0 181.8
176 77.1 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

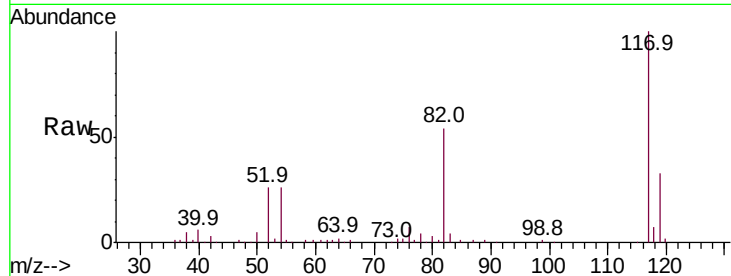




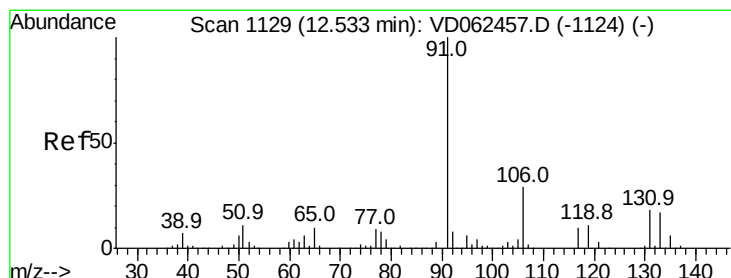
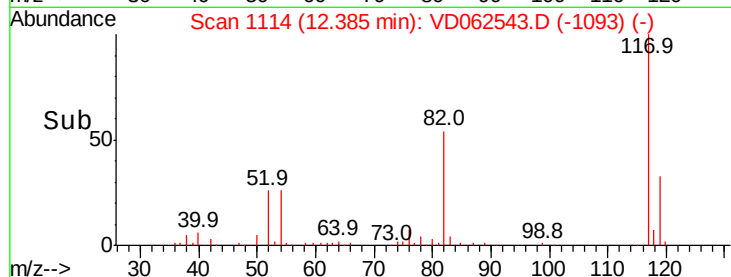
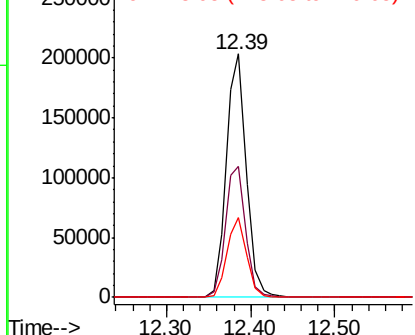
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.39 min Scan# 1114
Delta R.T. 0.01 min
Lab File: VD062543.D
Acq: 28 May 2019 17:13

Instrument :
MSVOA_D
ClientSampleId :
B-15-1.5-2.0RE

Tot Ion:117 Resp: 333286
Ion Ratio Lower Upper
117 100
82 54.1 36.2 54.2
119 32.6 26.2 39.4

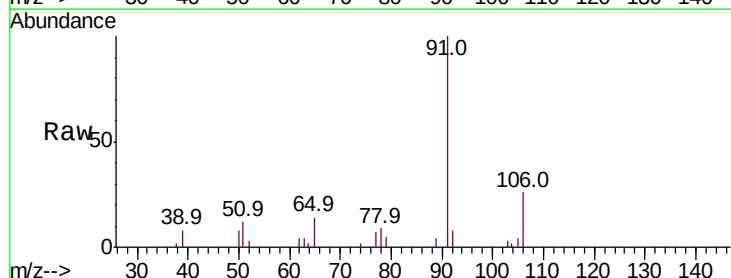


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

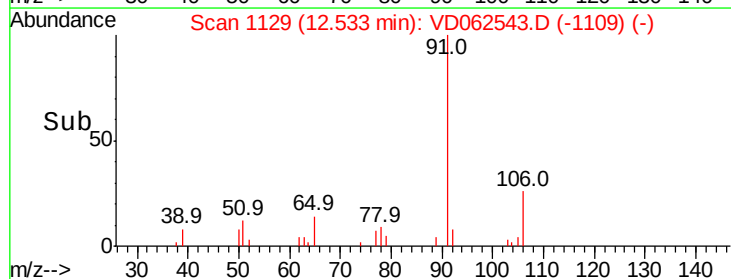
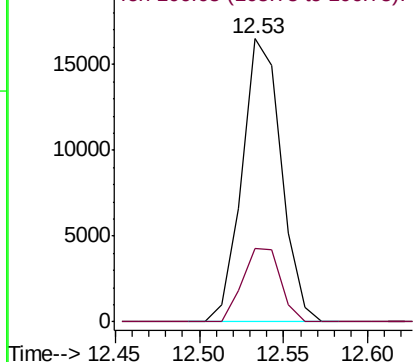


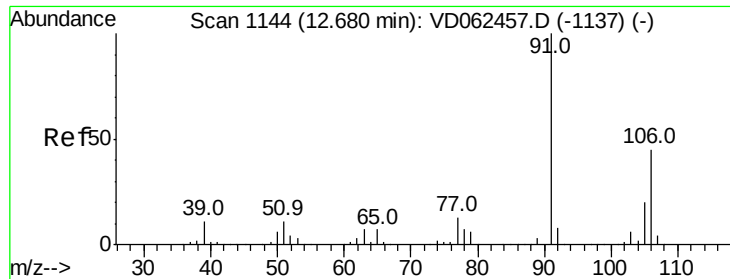
#67
Ethyl Benzene
Concen: 2.410 ug/l
RT: 12.53 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VD062543.D
Acq: 28 May 2019 17:13

Tgt Ion: 91 Resp: 26602
Ion Ratio Lower Upper
91 100
106 25.9 24.7 37.1



Abundance Ion 91.00 (90.70 to 91.70): V
Ion 106.05 (105.75 to 106.75): V

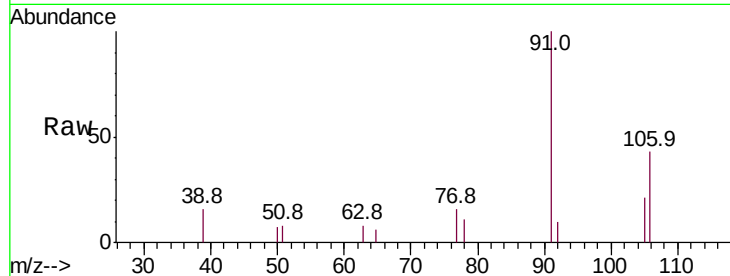




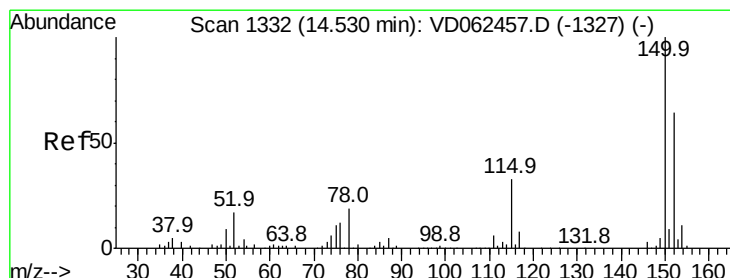
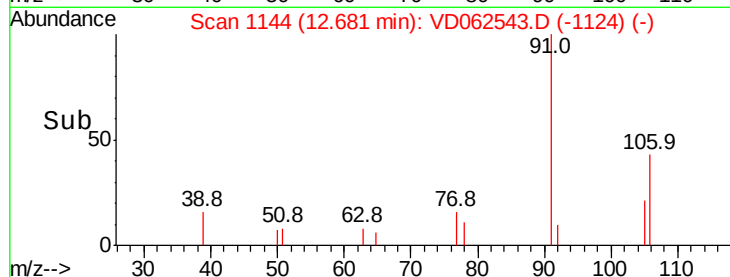
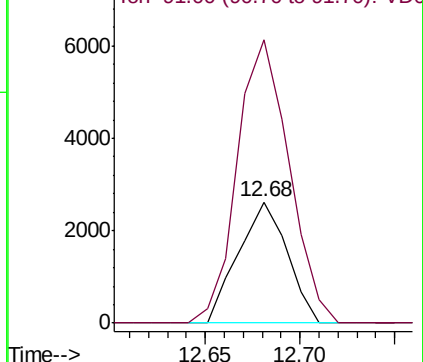
#68
m/p-Xylenes
Concen: 1.184 ug/l
RT: 12.68 min Scan# 1144
Delta R.T. 0.00 min
Lab File: VD062543.D
Acq: 28 May 2019 17:13

Instrument :
MSVOA_D
ClientSampleId :
B-15-1.5-2.0RE

Tot Ion:106 Resp: 4691
Ion Ratio Lower Upper
106 100
91 234.2 164.0 246.0

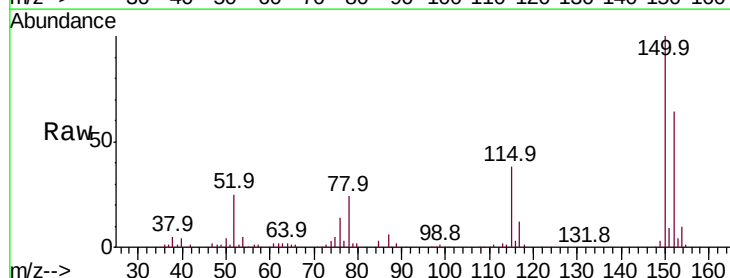


Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1332
Delta R.T. 0.00 min
Lab File: VD062543.D
Acq: 28 May 2019 17:13

Tgt Ion:152 Resp: 174152
Ion Ratio Lower Upper
152 100
115 59.0 30.9 92.7
150 155.7 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

