

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062519\
 Data File : VD062901.D
 Acq On : 26 Jun 2019 3:57
 Operator : VA/AP
 Sample : K3528-05
 Misc : 5.01g/5ml/MSVOA D/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-08-9.5-10.0

Quant Time: Jun 26 07:32:46 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	426082	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	612062	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	513135	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	315874	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	344688	74.42	ug/l	-0.01
Spiked Amount						
			Recovery	=	148.84%	
35) Dibromofluoromethane	6.93	113	311297	60.32	ug/l	0.00
Spiked Amount						
			Recovery	=	120.64%	
50) Toluene-d8	10.41	98	616645	54.90	ug/l	0.00
Spiked Amount						
			Recovery	=	109.80%	
62) 4-Bromofluorobenzene	13.55	95	307842	60.27	ug/l	0.00
Spiked Amount						
			Recovery	=	120.54%	

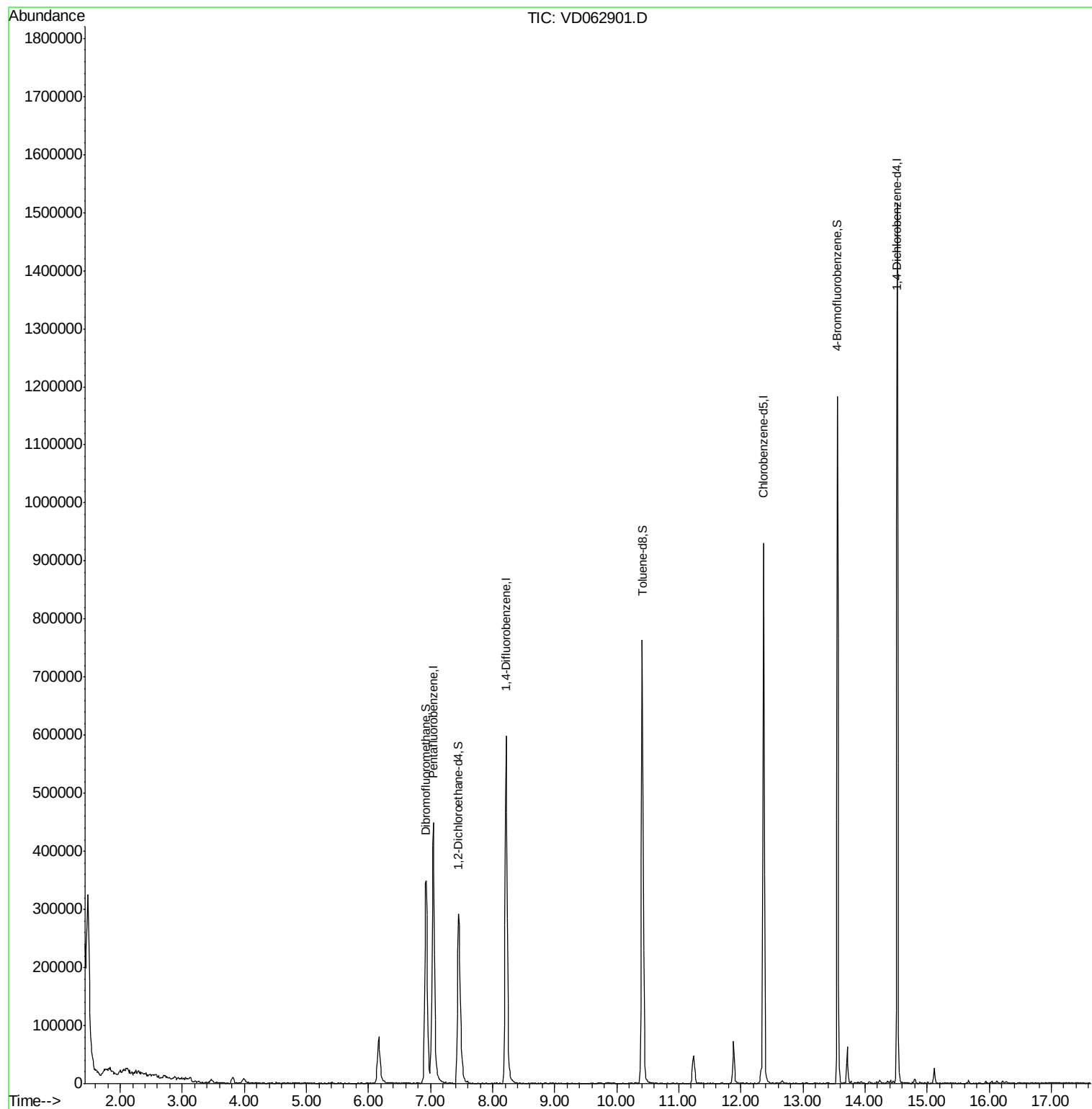
Target Compounds	Qvalue
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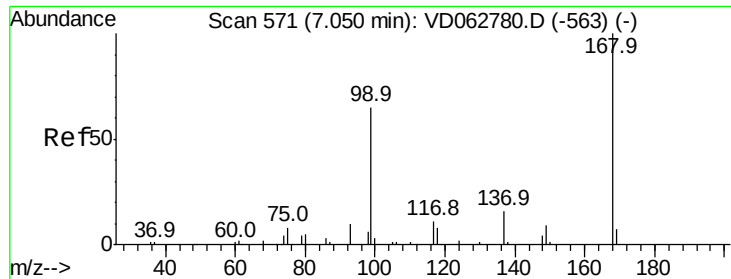
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD062901.D

Acq: 26 Jun 2019 3:57

Instrument :

MSVOA_D

ClientSampleId :

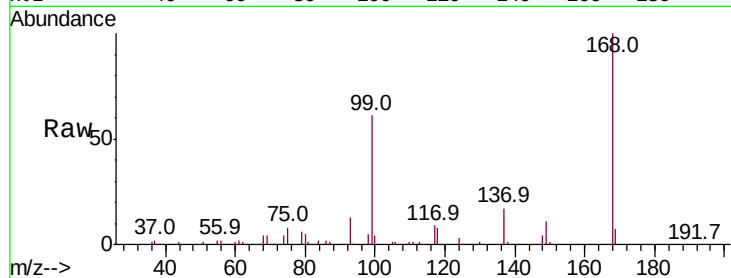
SB-08-9.5-10.0

Tot Ion:168 Resp: 426082

Ion Ratio Lower Upper

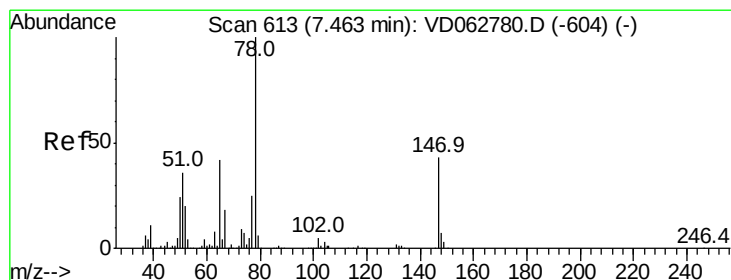
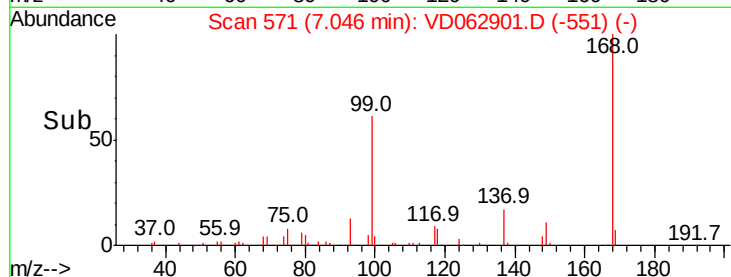
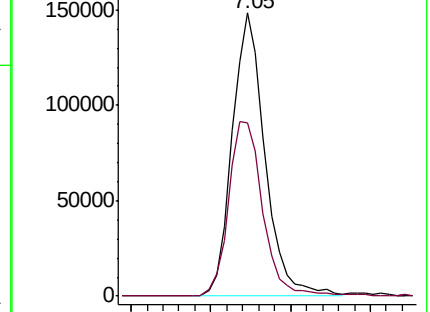
168 100

99 61.4 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 74.423 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD062901.D

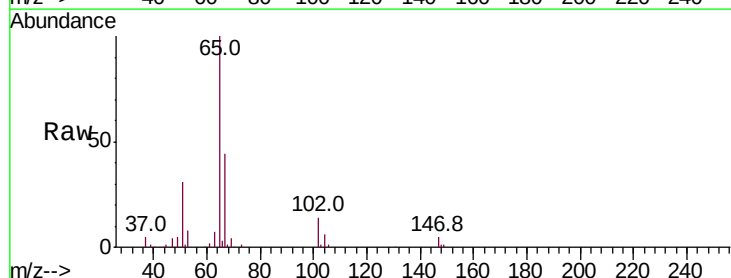
Acq: 26 Jun 2019 3:57

Tgt Ion: 65 Resp: 344688

Ion Ratio Lower Upper

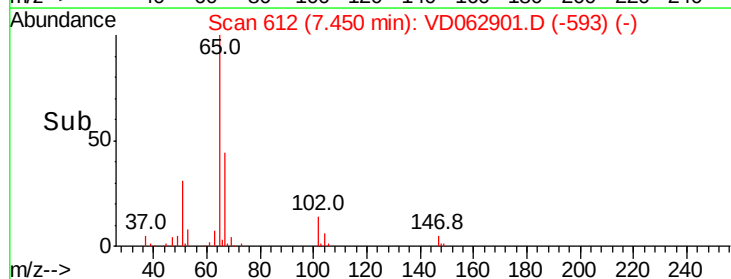
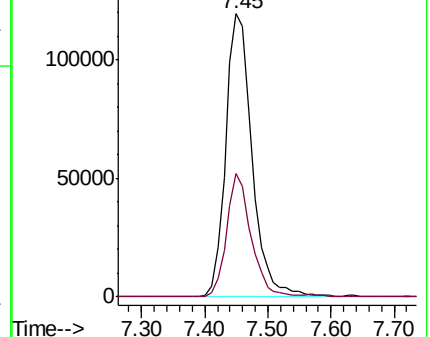
65 100

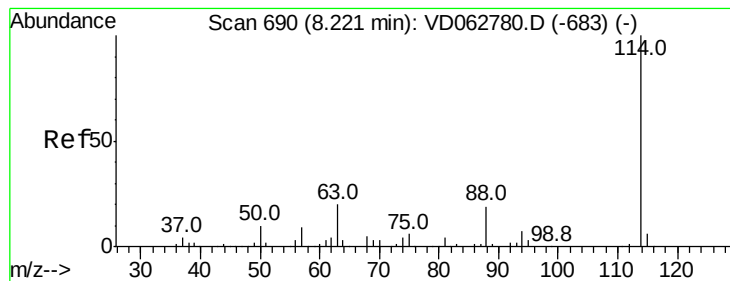
67 43.6 0.0 87.4



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: 8.22 min Scan# 690

Delta R.T. -0.00 min

Lab File: VD062901.D

Acq: 26 Jun 2019 3:57

Instrument :

MSVOA_D

ClientSampleId :

SB-08-9.5-10.0

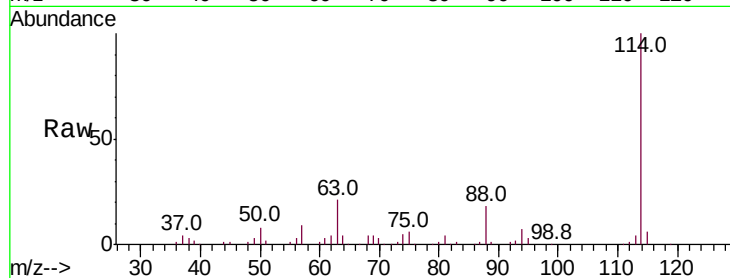
Tot Ion:114 Resp: 612062

Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.0

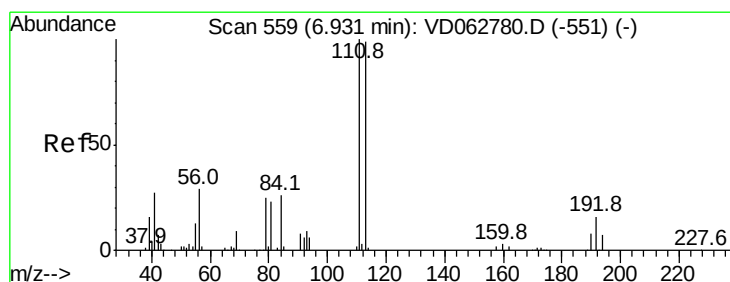
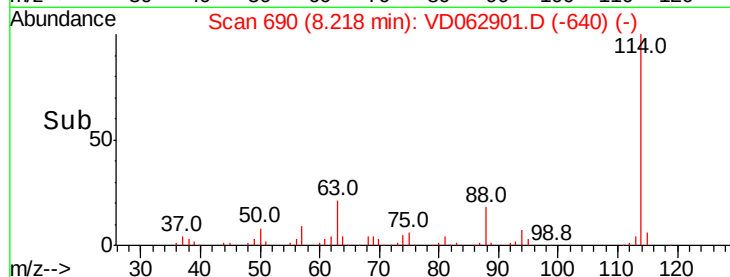
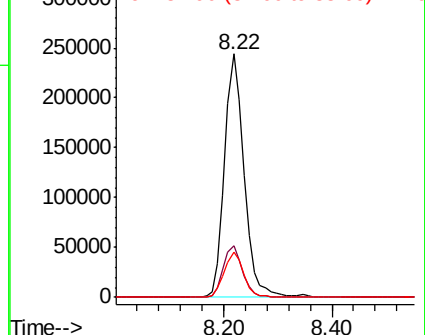
88 18.5 0.0 38.8



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: 60.319 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.00 min

Lab File: VD062901.D

Acq: 26 Jun 2019 3:57

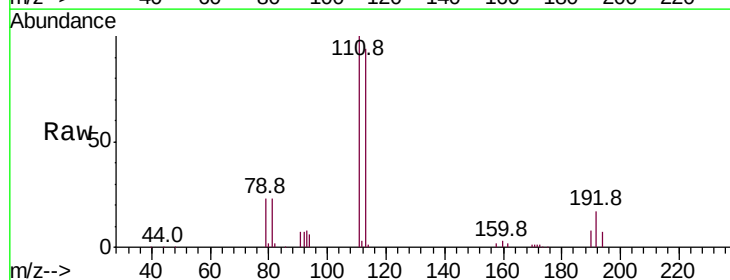
Tgt Ion:113 Resp: 311297

Ion Ratio Lower Upper

113 100

111 106.6 81.2 121.8

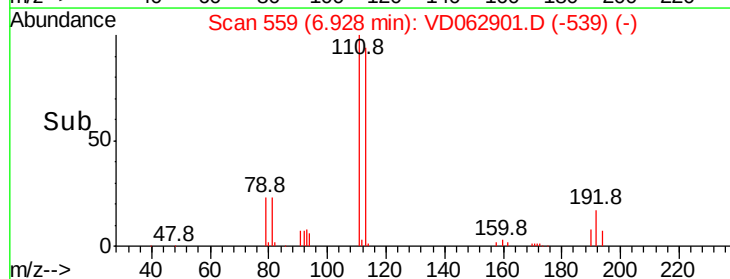
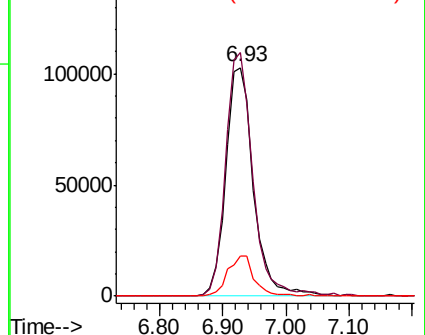
192 17.8 12.9 19.3

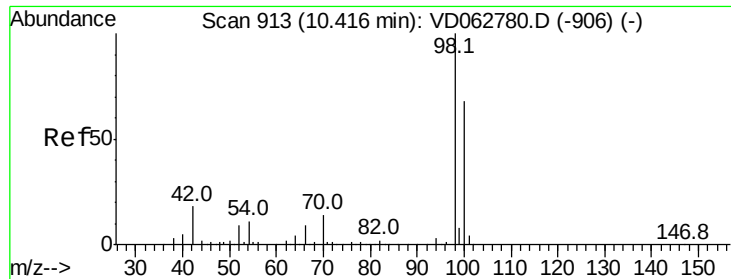


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

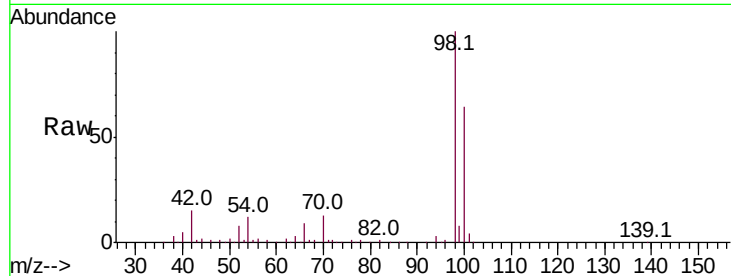




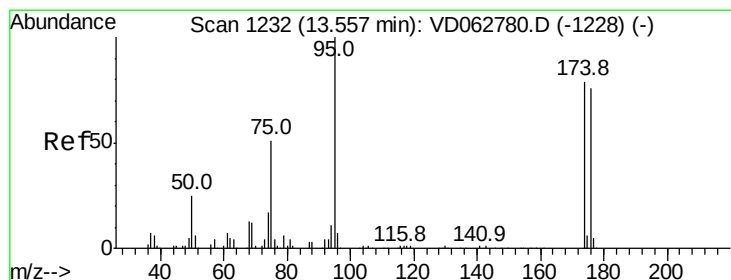
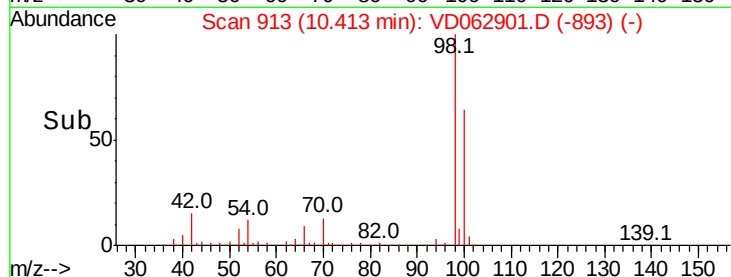
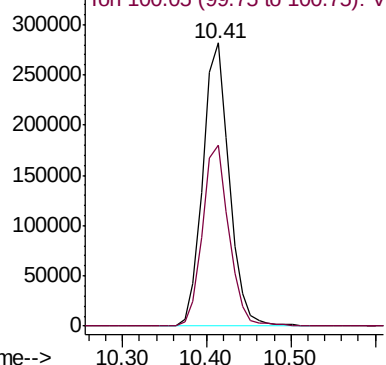
#50
Toluene-d8
Concen: 54.899 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD062901.D
Acq: 26 Jun 2019 3:57

Instrument :
MSVOA_D
ClientSampleId :
SB-08-9.5-10.0

Tot Ion: 98 Resp: 616645
Ion Ratio Lower Upper
98 100
100 63.8 54.7 82.1

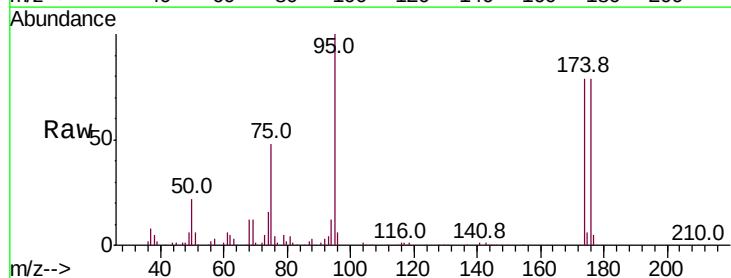


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

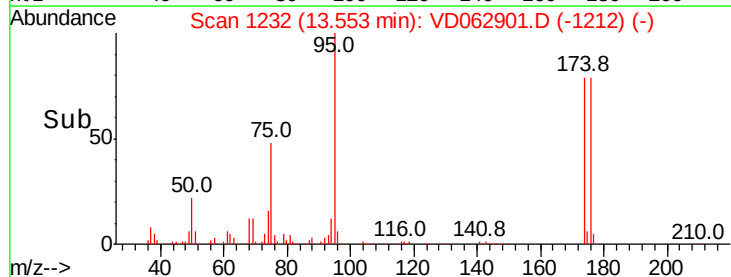
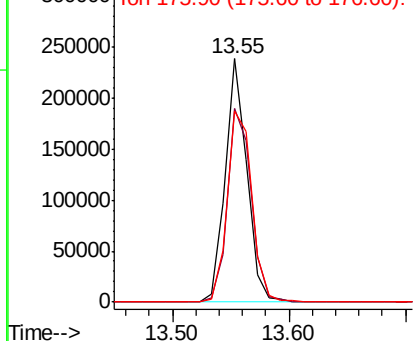


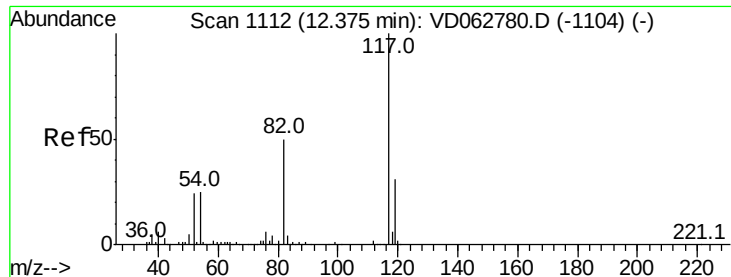
#62
4-Bromofluorobenzene
Concen: 60.273 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD062901.D
Acq: 26 Jun 2019 3:57

Tgt Ion: 95 Resp: 307842
Ion Ratio Lower Upper
95 100
174 79.4 0.0 158.0
176 78.7 0.0 151.6



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

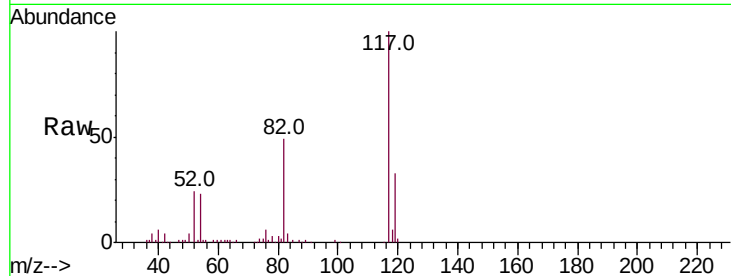




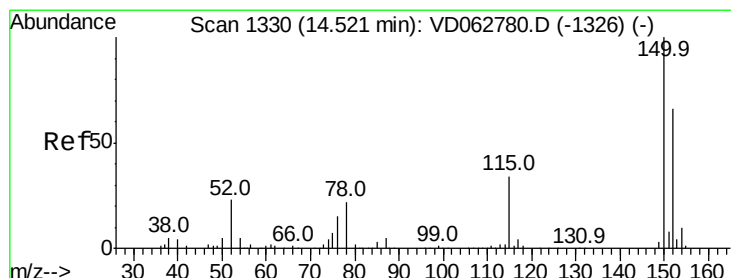
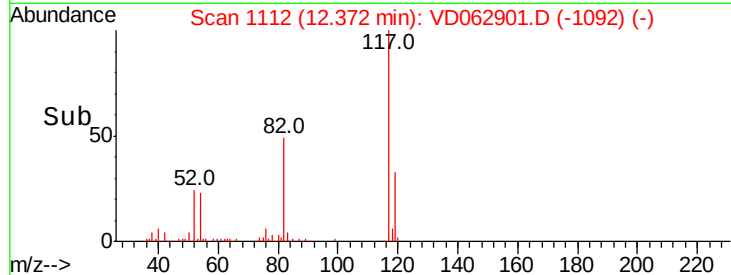
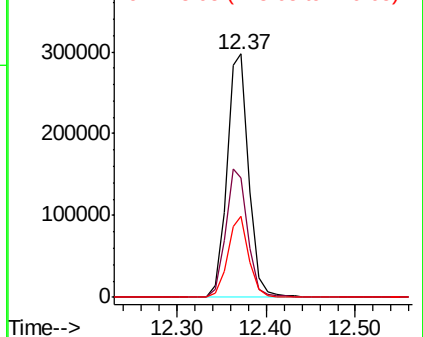
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD062901.D
Acq: 26 Jun 2019 3:57

Instrument :
MSVOA_D
ClientSampleId :
SB-08-9.5-10.0

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.3	40.4	60.6
119	33.4	25.2	37.8

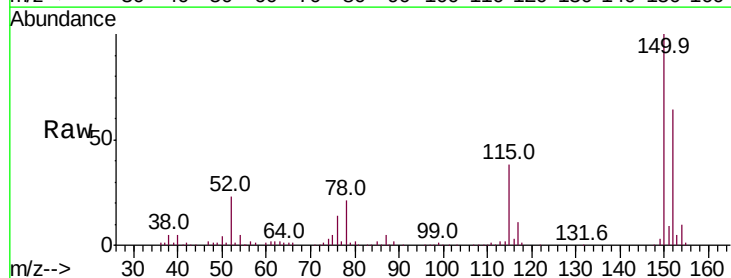


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD062901.D
Acq: 26 Jun 2019 3:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.7	29.2	87.6
150	157.1	0.0	305.8



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

