

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062819\
 Data File : VD062960.D
 Acq On : 28 Jun 2019 12:27
 Operator : VA/AP
 Sample : K3526-01RE
 Misc : 5.01g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-4.0-4.5RE

Quant Time: Jun 29 00:44:18 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

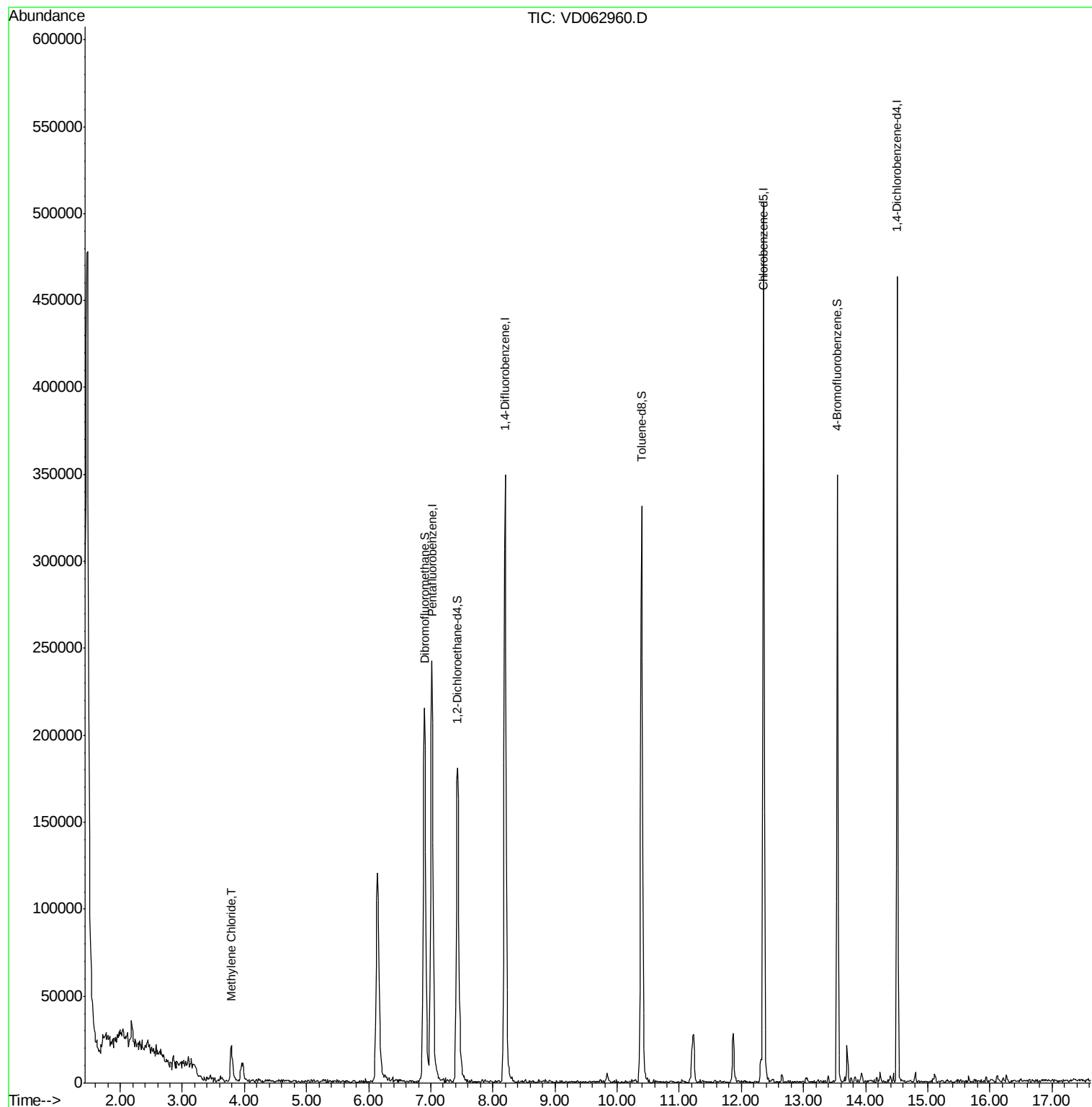
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	217942	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.20	114	351995	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.35	117	266194	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	95704	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	218606	92.28	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	184.56%	
35) Dibromofluoromethane	6.90	113	187583	63.20	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	126.40%	
50) Toluene-d8	10.39	98	263124	40.73	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	81.46%	
62) 4-Bromofluorobenzene	13.54	95	105995	36.09	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	72.18%	
Target Compounds						
20) Methylene Chloride	3.79	84	13176	7.293	ug/l #	Qvalue 85

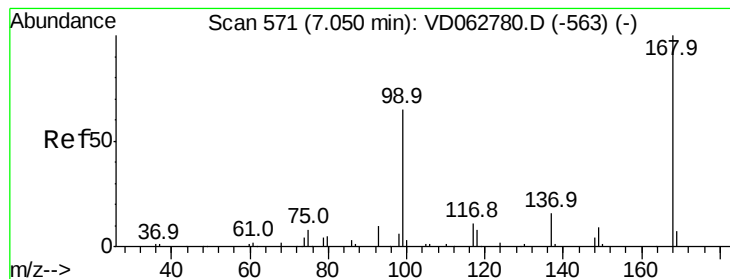
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.02 min Scan# 568

Delta R.T. -0.03 min

Lab File: VD062960.D

Acq: 28 Jun 2019 12:27

Instrument :

MSVOA_D

ClientSampleId :

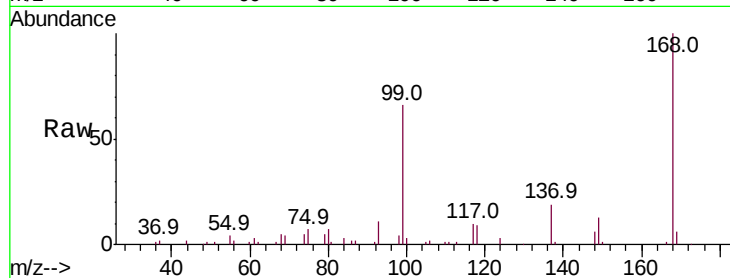
SB-01-4.0-4.5RE

Tot Ion:168 Resp: 217942

Ion Ratio Lower Upper

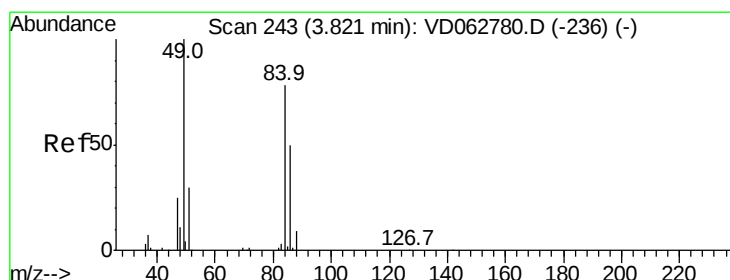
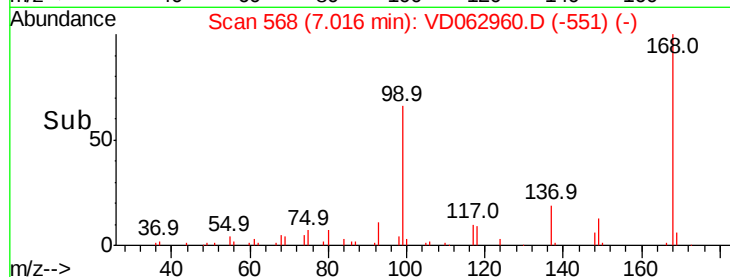
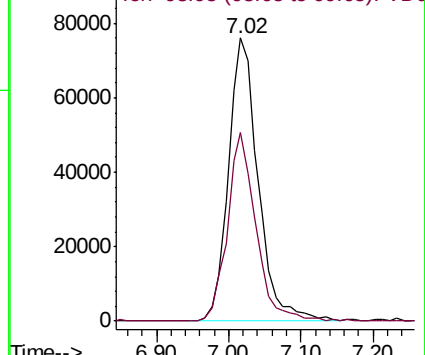
168 100

99 66.4 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 7.293 ug/l

RT: 3.79 min Scan# 240

Delta R.T. -0.03 min

Lab File: VD062960.D

Acq: 28 Jun 2019 12:27

Tgt Ion: 84 Resp: 13176

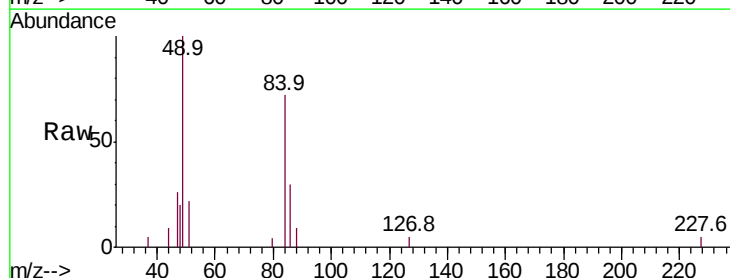
Ion Ratio Lower Upper

84 100

49 138.5 102.9 154.3

51 30.8 31.2 46.8#

86 41.1 51.4 77.2#

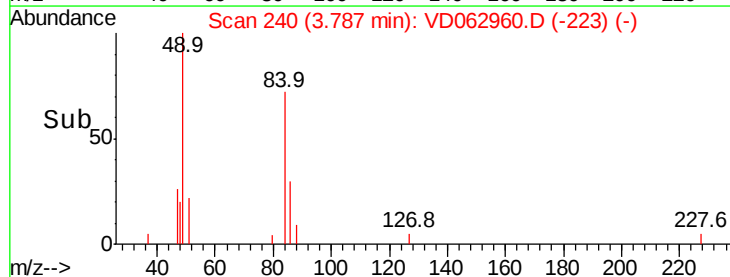
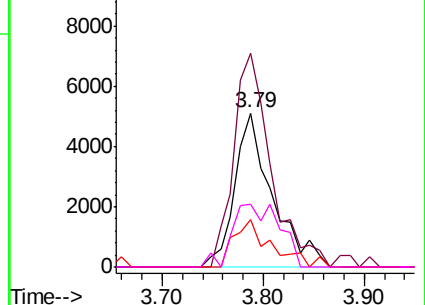


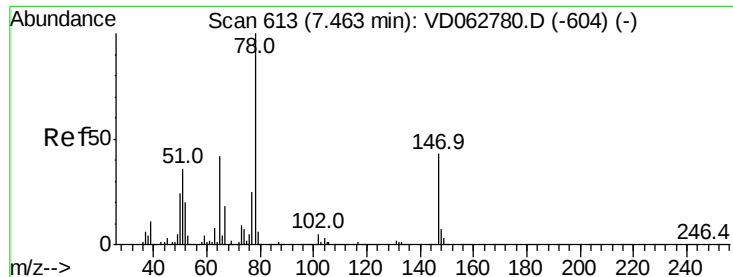
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

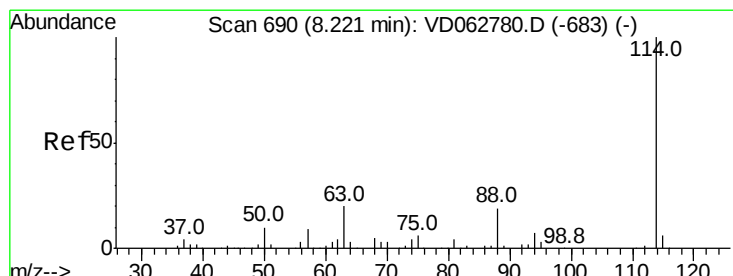
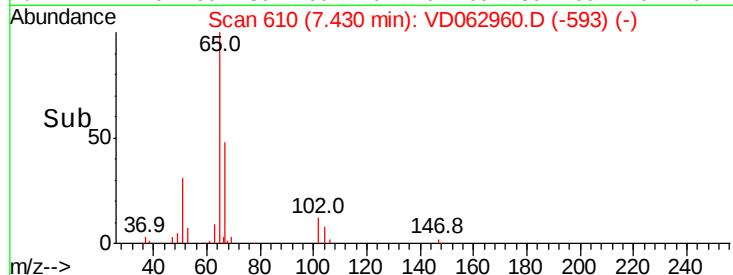
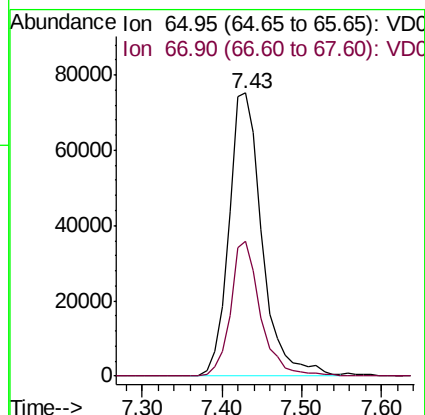
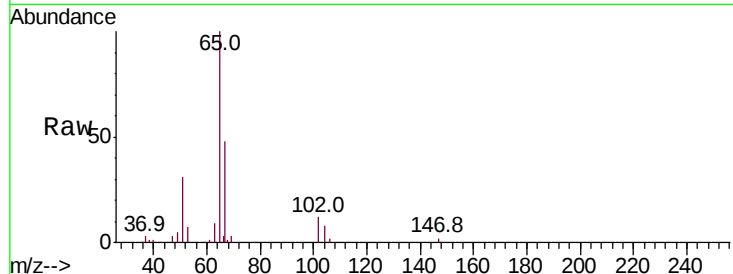




#33
 1,2-Dichloroethane-d4
 Concen: 92.278 ug/l
 RT: 7.43 min Scan# 610
 Delta R.T. -0.03 min
 Lab File: VD062960.D
 Acq: 28 Jun 2019 12:27

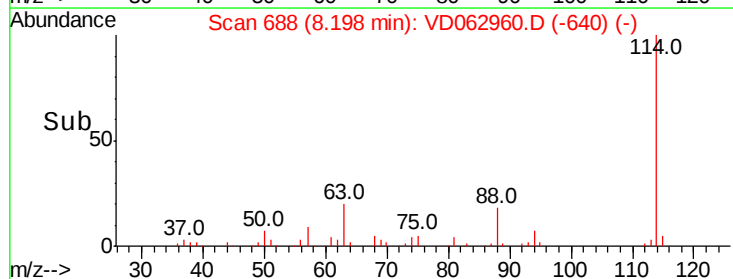
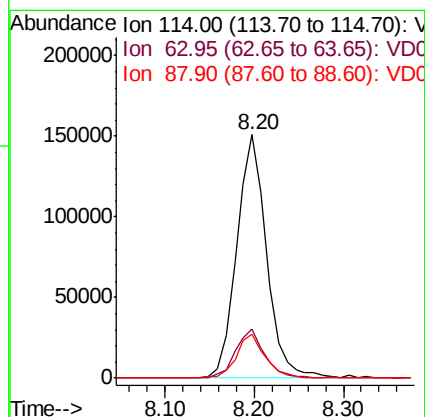
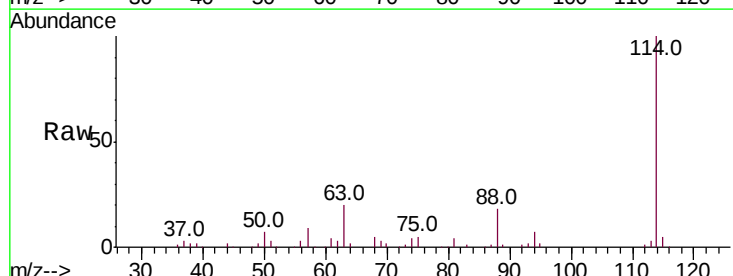
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-4.0-4.5RE

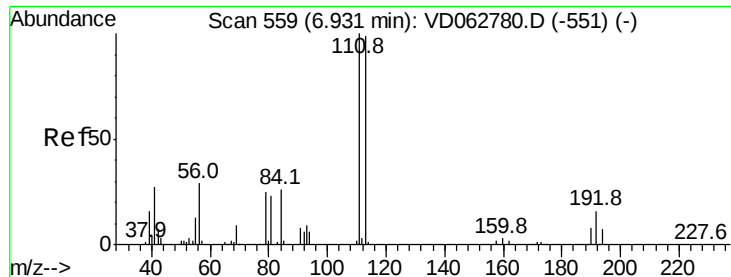
Tot Ion: 65 Resp: 218606
 Ion Ratio Lower Upper
 65 100
 67 47.5 0.0 87.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 688
 Delta R.T. -0.02 min
 Lab File: VD062960.D
 Acq: 28 Jun 2019 12:27

Tgt Ion: 114 Resp: 351995
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.0
 88 17.8 0.0 38.8





#35

Dibromofluoromethane

Concen: 63.202 ug/l

RT: 6.90 min Scan# 556

Delta R.T. -0.03 min

Lab File: VD062960.D

Acq: 28 Jun 2019 12:27

Instrument :

MSVOA_D

ClientSampleId :

SB-01-4.0-4.5RE

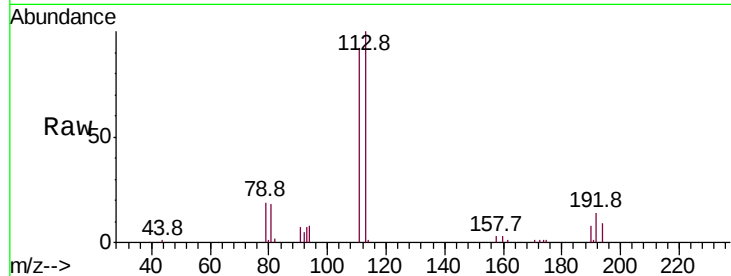
Tot Ion:113 Resp: 187583

Ion Ratio Lower Upper

113 100

111 92.4 81.2 121.8

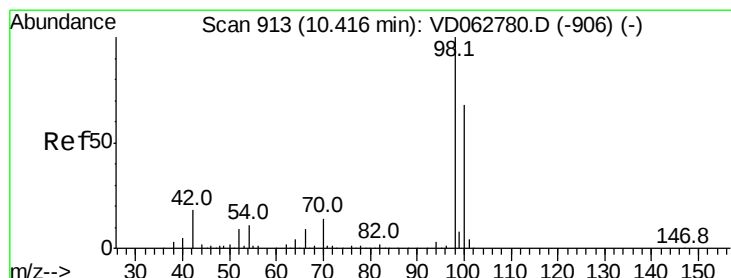
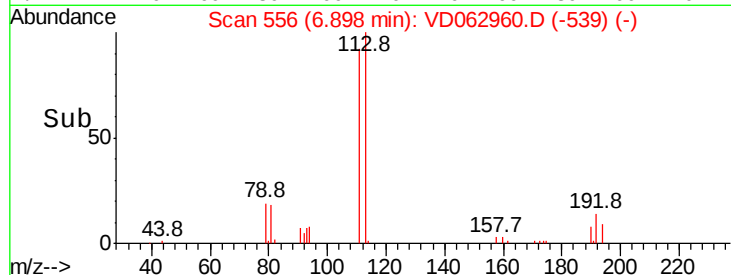
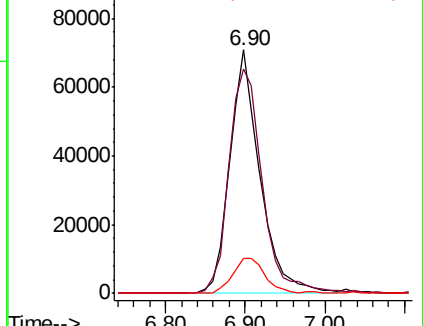
192 14.3 12.9 19.3



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: 40.733 ug/l

RT: 10.39 min Scan# 911

Delta R.T. -0.02 min

Lab File: VD062960.D

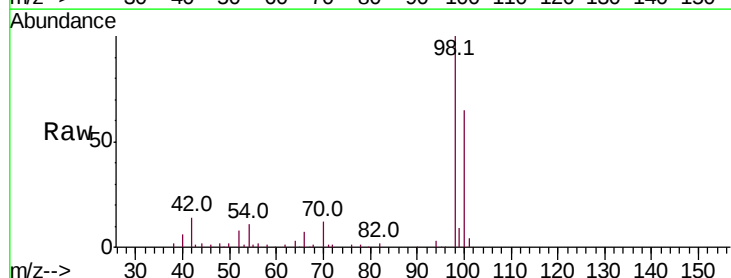
Acq: 28 Jun 2019 12:27

Tgt Ion: 98 Resp: 263124

Ion Ratio Lower Upper

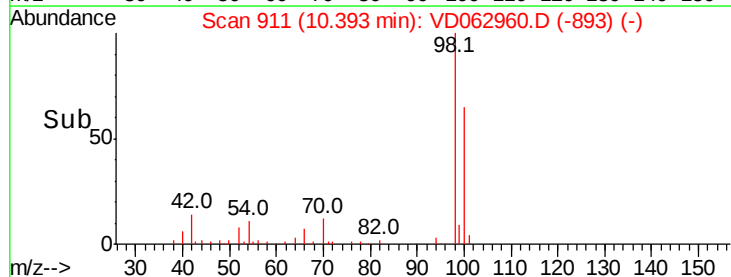
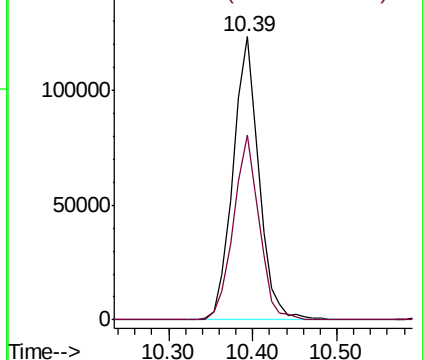
98 100

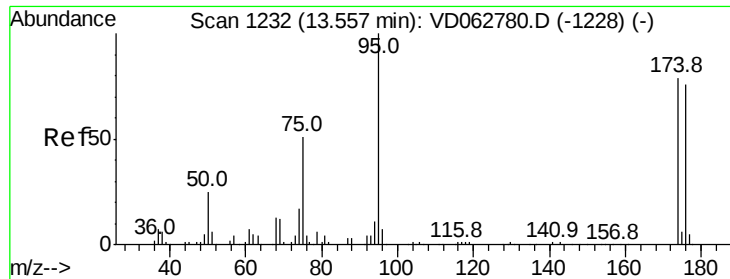
100 65.1 54.7 82.1



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

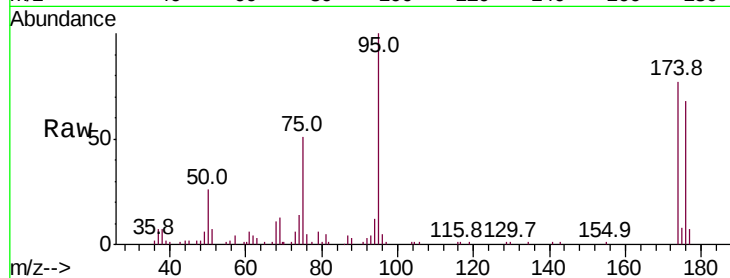




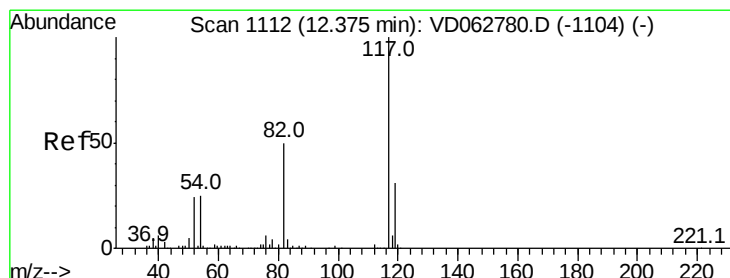
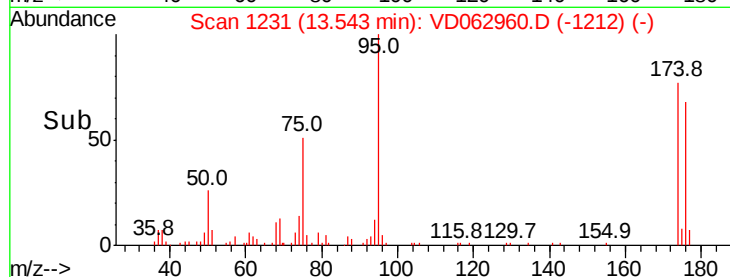
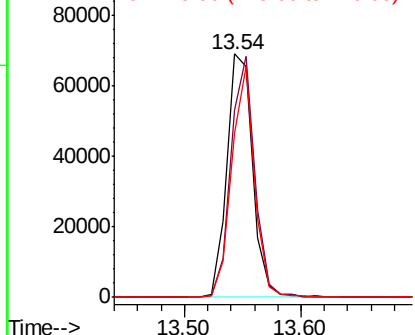
#62
4-Bromofluorobenzene
Concen: 36.086 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD062960.D
Acq: 28 Jun 2019 12:27

Instrument :
MSVOA_D
ClientSampleId :
SB-01-4.0-4.5RE

Tot Ion	Ratio	Lower	Upper
95	100		
174	77.0	0.0	158.0
176	67.6	0.0	151.6

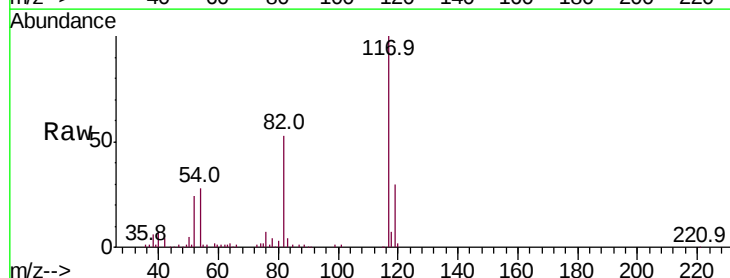


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

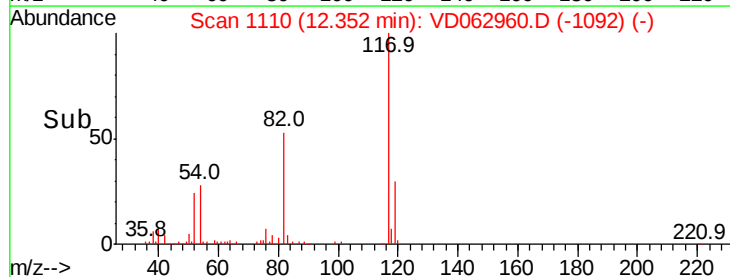
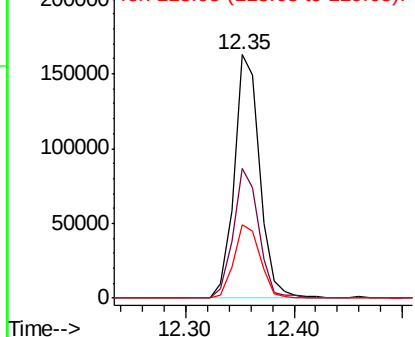


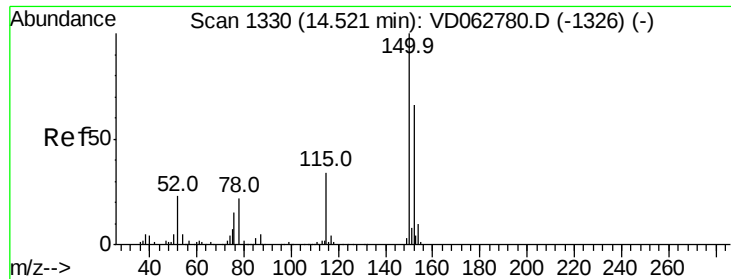
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VD062960.D
Acq: 28 Jun 2019 12:27

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.3	40.4	60.6
119	29.9	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: 14.51 min Scan# 1329

Delta R.T. -0.01 min

Lab File: VD062960.D

Acq: 28 Jun 2019 12:27

Instrument :

MSVOA_D

ClientSampleId :

SB-01-4.0-4.5RE

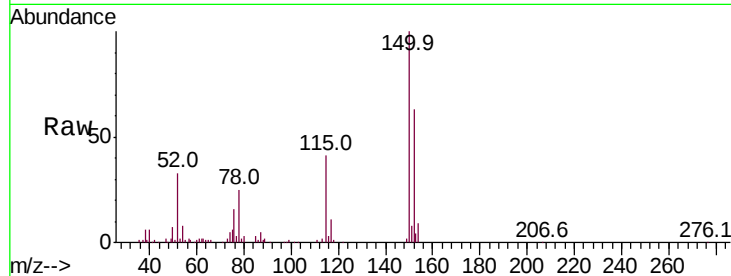
Tot Ion:152 Resp: 95704

Ion Ratio Lower Upper

152 100

115 65.7 29.2 87.6

150 159.7 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

