

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051019\
 Data File : VD062219.D
 Acq On : 10 May 2019 16:55
 Operator : FY/SY
 Sample : K2717-16RE
 Misc : 5.21g/5mL/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS003-0612-01RE

Quant Time: May 11 00:11:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

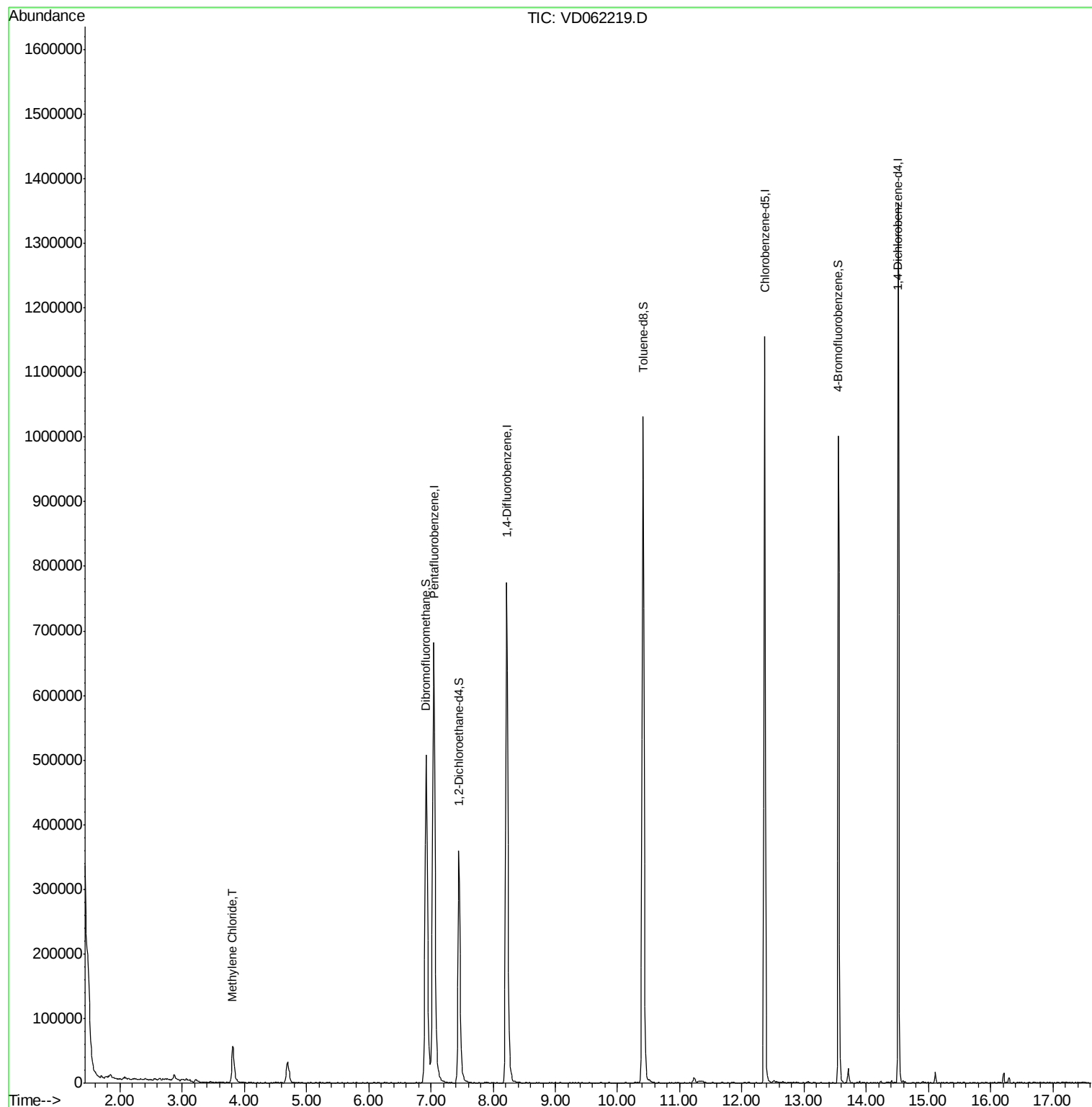
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	662414	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	877207	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	659647	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	278618	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	390797	63.48	ug/l	0.03
Spiked Amount 50.000			Recovery	=	126.96%	
35) Dibromofluoromethane	6.92	113	458282	62.97	ug/l	0.03
Spiked Amount 50.000			Recovery	=	125.94%	
50) Toluene-d8	10.41	98	882869	50.31	ug/l	0.02
Spiked Amount 50.000			Recovery	=	100.62%	
62) 4-Bromofluorobenzene	13.55	95	288597	40.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.90%	
Target Compounds						
20) Methylene Chloride	3.81	84	40442	7.503	ug/l	Qvalue 93

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

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.03 min

Lab File: VD062219.D

Acq: 10 May 2019 16:55

Instrument :

MSVOA_D

ClientSampleId :

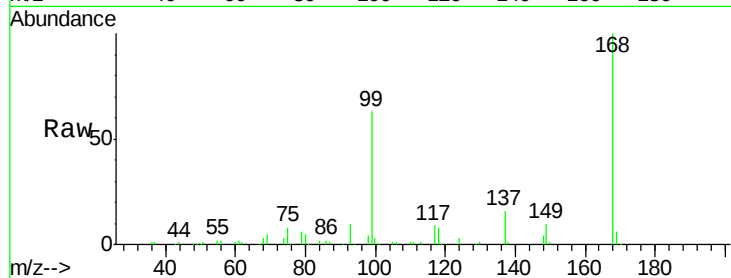
P026-SS003-0612-01RE

Tot Ion:168 Resp: 662414

Ion Ratio Lower Upper

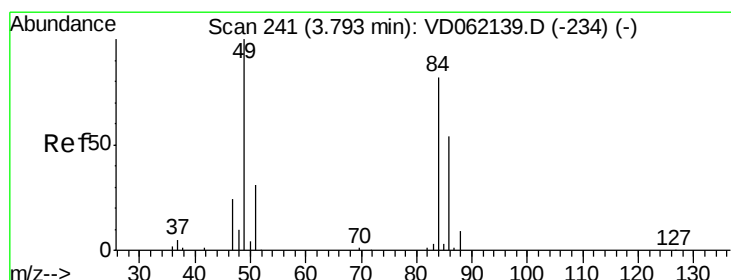
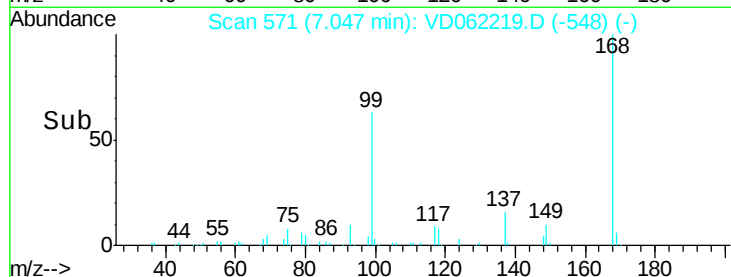
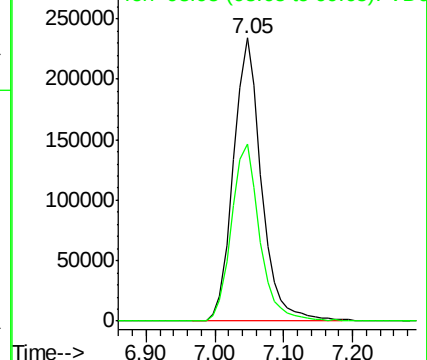
168 100

99 62.7 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#20

Methylene Chloride

Concen: 7.503 ug/l

RT: 3.81 min Scan# 242

Delta R.T. 0.02 min

Lab File: VD062219.D

Acq: 10 May 2019 16:55

Tgt Ion: 84 Resp: 40442

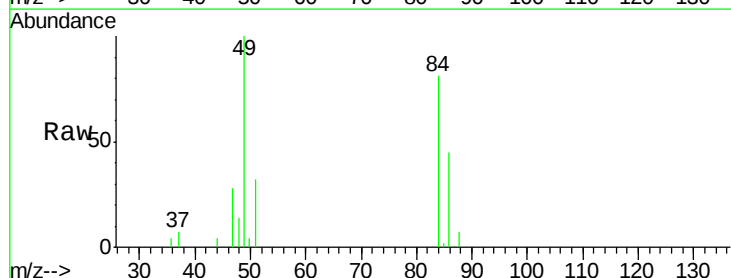
Ion Ratio Lower Upper

84 100

49 123.6 94.0 141.0

51 40.1 29.0 43.4

86 55.3 49.8 74.6

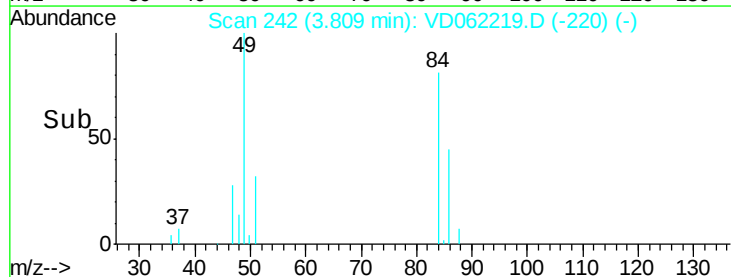
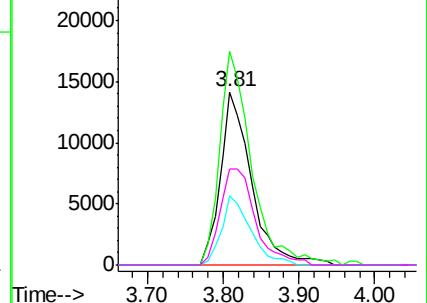


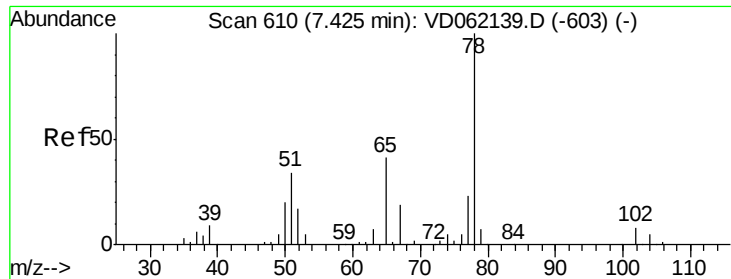
Abundance Ion 83.95 (83.65 to 84.65): VDC

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

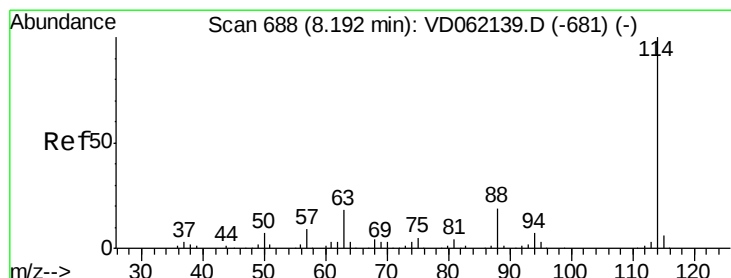
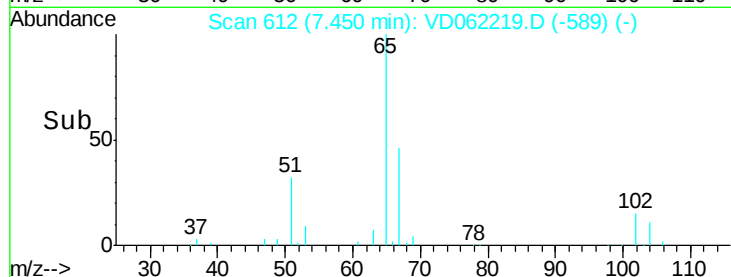
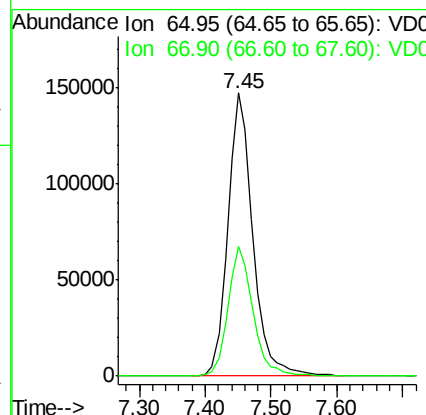
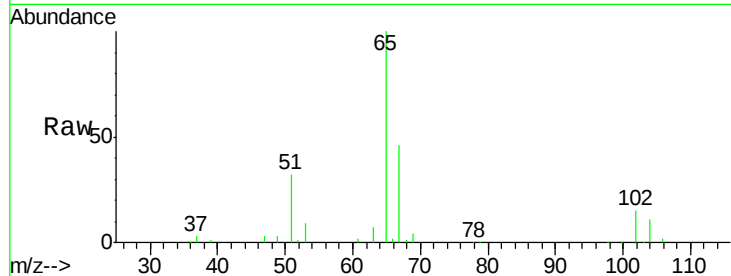




#33
 1,2-Dichloroethane-d4
 Concen: 63.483 ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. 0.03 min
 Lab File: VD062219.D
 Acq: 10 May 2019 16:55

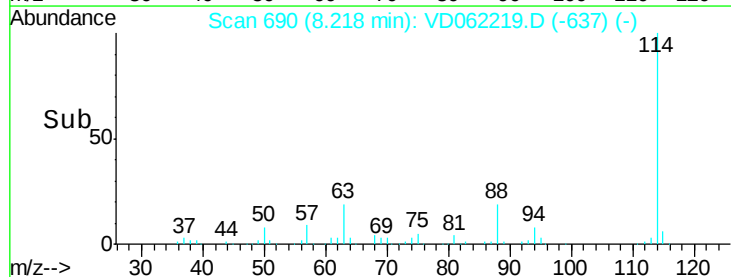
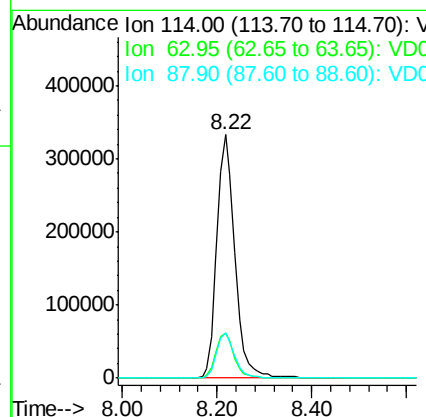
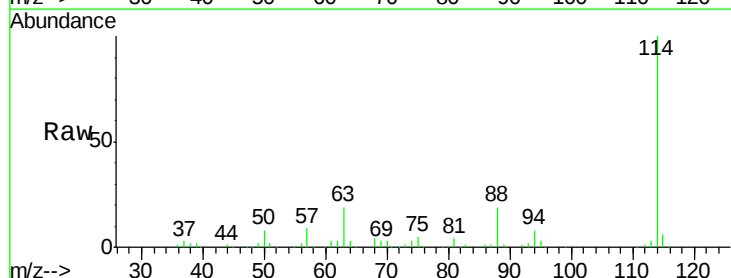
Instrument :
 MSVOA_D
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 P026-SS003-0612-01RE

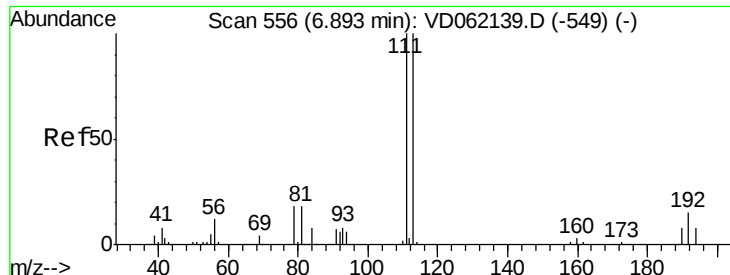
Tot Ion: 65 Resp: 390797
 Ion Ratio Lower Upper
 65 100
 67 45.7 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.03 min
 Lab File: VD062219.D
 Acq: 10 May 2019 16:55

Tgt Ion: 114 Resp: 877207
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 32.4
 88 18.6 0.0 33.6

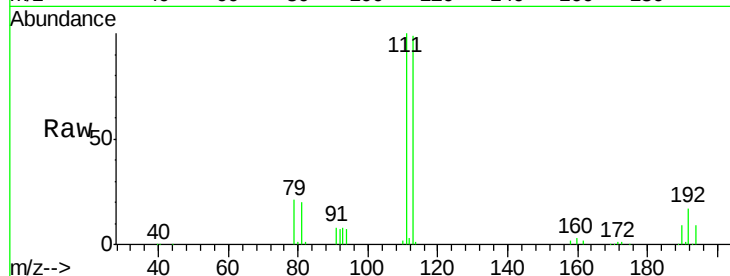




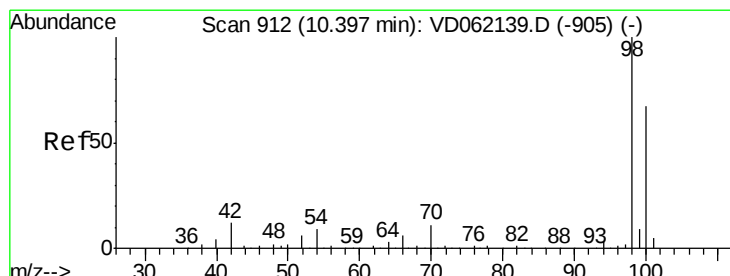
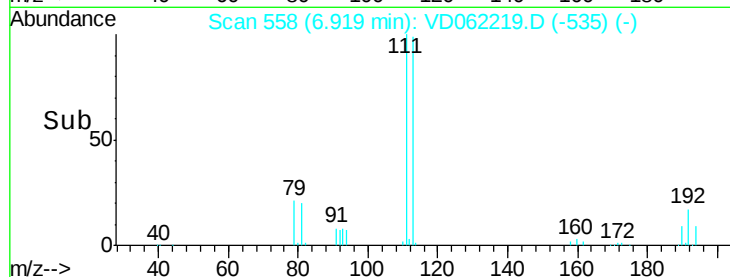
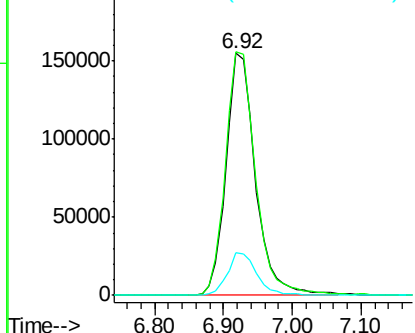
#35
Dibromofluoromethane
Concen: 62.966 ug/l
RT: 6.92 min Scan# 558
Delta R.T. 0.03 min
Lab File: VD062219.D
Acq: 10 May 2019 16:55

Instrument :
MSVOA_D
ClientSampleId :
P026-SS003-0612-01RE

Tot Ion:113 Resp: 458282
Ion Ratio Lower Upper
113 100
111 100.7 78.5 117.7
192 17.5 13.0 19.4

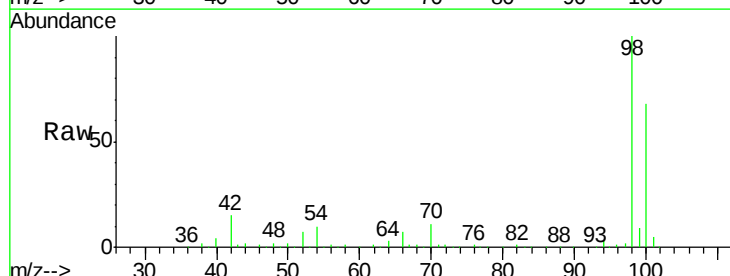


Abundance Ion 112.90 (112.60 to 113.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 191.80 (191.50 to 192.50): V

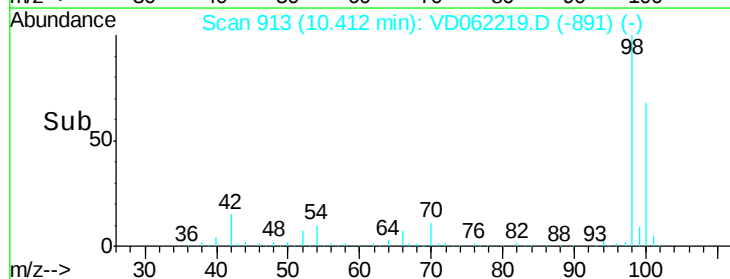
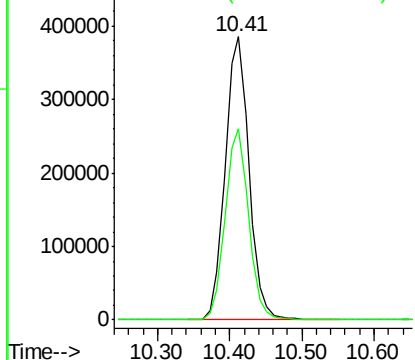


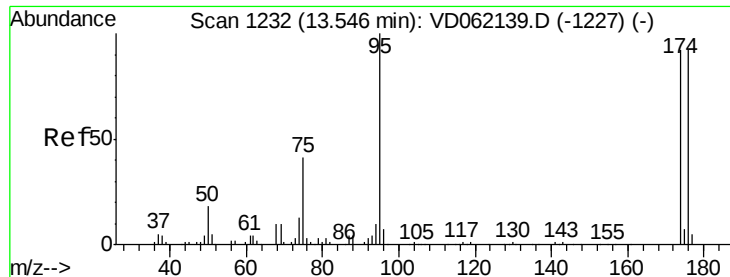
#50
Toluene-d8
Concen: 50.310 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.02 min
Lab File: VD062219.D
Acq: 10 May 2019 16:55

Tgt Ion: 98 Resp: 882869
Ion Ratio Lower Upper
98 100
100 67.6 53.8 80.8



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





#62

4-Bromofluorobenzene

Concen: 40.954 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD062219.D

Acq: 10 May 2019 16:55

Instrument :

MSVOA_D

ClientSampleId :

P026-SS003-0612-01RE

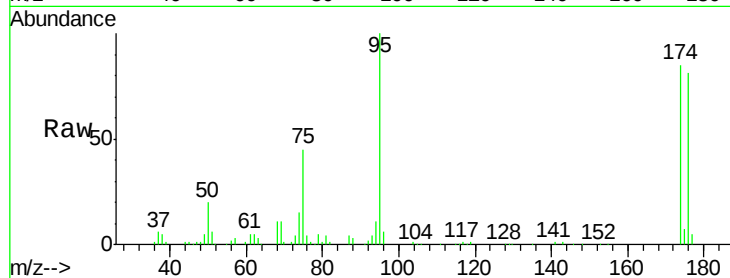
Tot Ion: 95 Resp: 288597

Ion Ratio Lower Upper

95 100

174 85.2 0.0 181.8

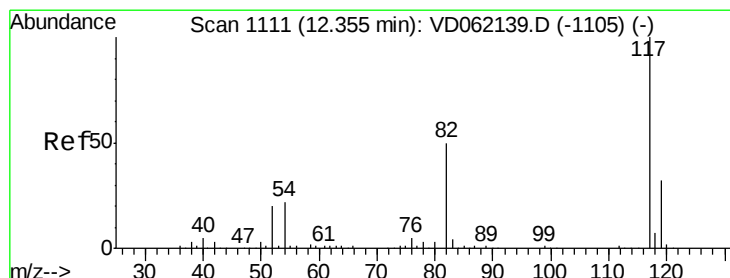
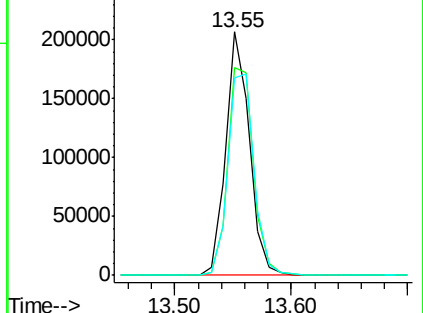
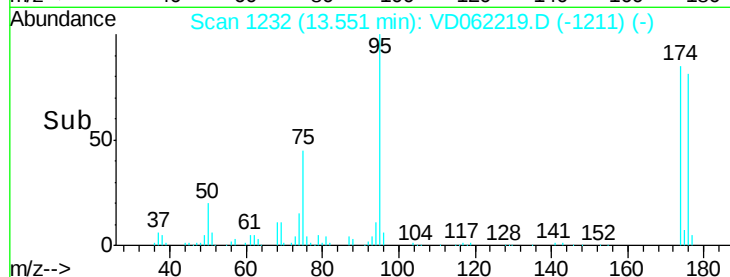
176 80.9 0.0 174.4



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: 12.37 min Scan# 1112

Delta R.T. 0.02 min

Lab File: VD062219.D

Acq: 10 May 2019 16:55

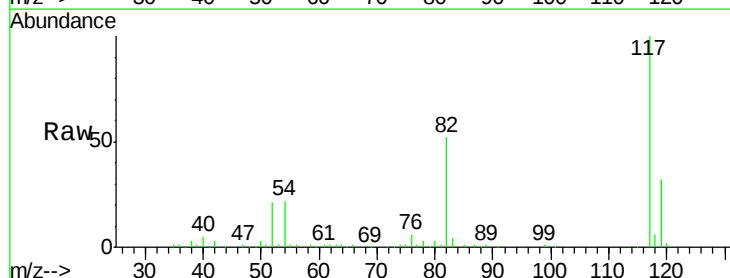
Tgt Ion: 117 Resp: 659647

Ion Ratio Lower Upper

117 100

82 51.7 36.2 54.2

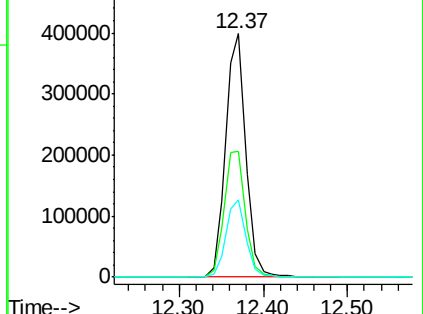
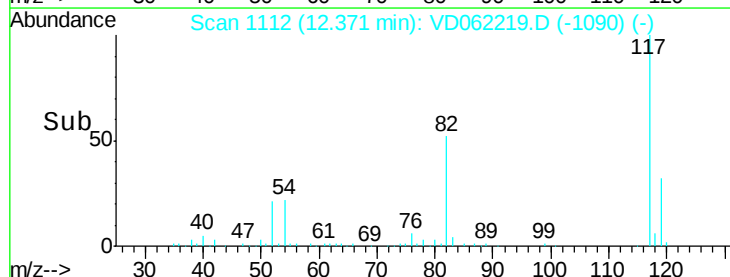
119 32.0 26.2 39.4

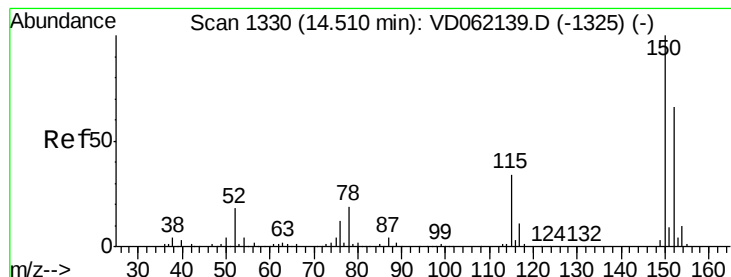


Abundance Ion 116.95 (116.65 to 117.65): V

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# 1330

Delta R.T. 0.01 min

Lab File: VD062219.D

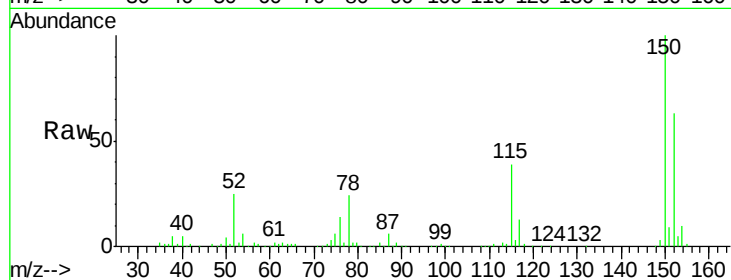
Acq: 10 May 2019 16:55

Instrument :

MSVOA_D

ClientSampleId :

P026-SS003-0612-01RE



Tot Ion:152 Resp: 278618

Ion Ratio Lower Upper

152 100

115 62.2 30.9 92.7

150 158.5 0.0 314.8

