

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD051419\
 Data File : VD062347.D
 Acq On : 14 May 2019 15:35
 Operator : FY/SY
 Sample : K2647-07
 Misc : 5.25g/5mL/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-050919-B

Quant Time: May 14 16:02:21 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

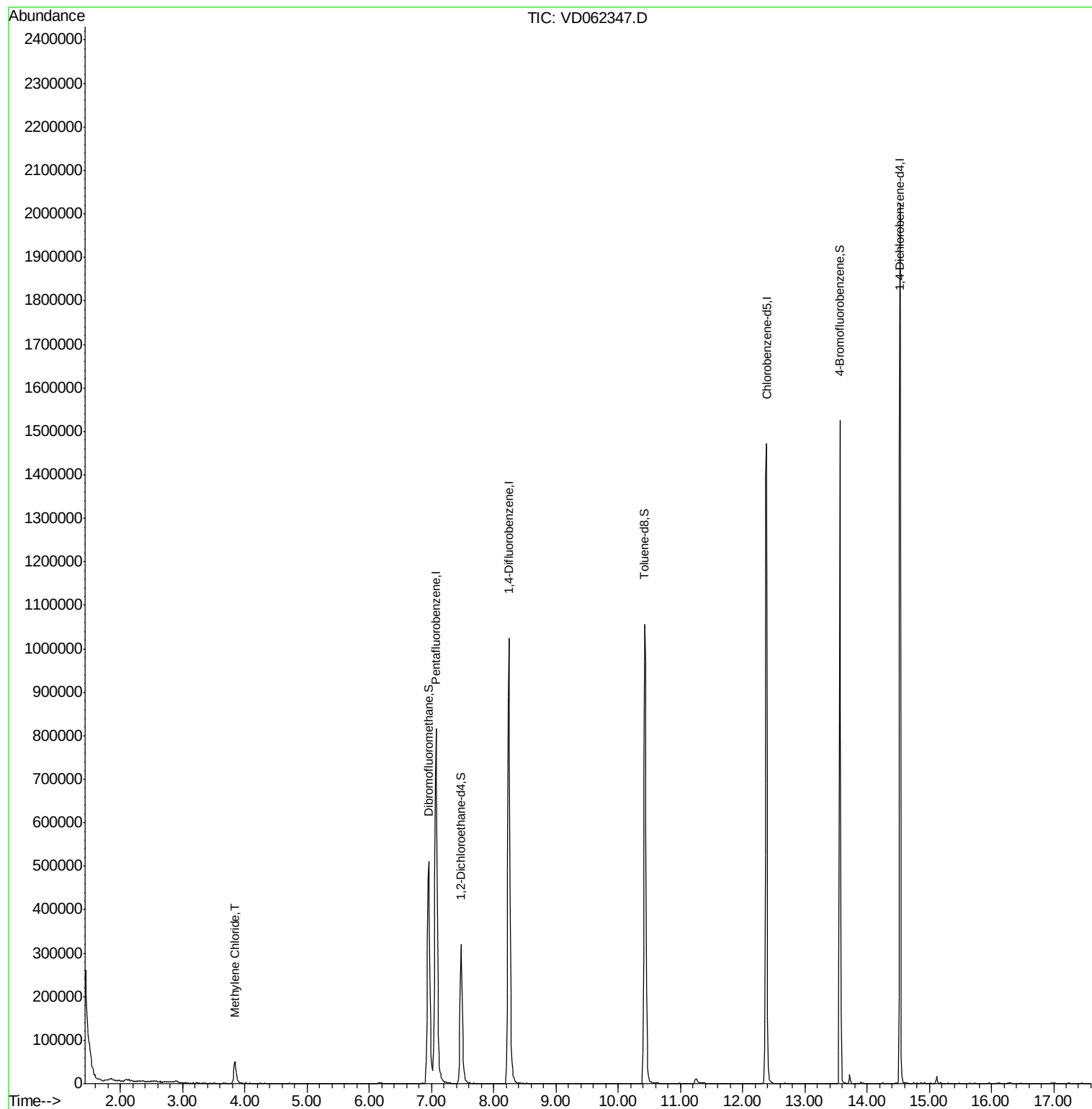
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	764693	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.24	114	1044381	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.39	117	828168	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.53	152	428258	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	374827	52.75	ug/l	0.05
Spiked Amount 50.000			Recovery	=	105.50%	
35) Dibromofluoromethane	6.95	113	451421	52.09	ug/l	0.06
Spiked Amount 50.000			Recovery	=	104.18%	
50) Toluene-d8	10.43	98	886646	42.44	ug/l	0.03
Spiked Amount 50.000			Recovery	=	84.88%	
62) 4-Bromofluorobenzene	13.57	95	404514	48.22	ug/l	0.02
Spiked Amount 50.000			Recovery	=	96.44%	
Target Compounds						
20) Methylene Chloride	3.84	84	35776	5.749	ug/l	Qvalue 92

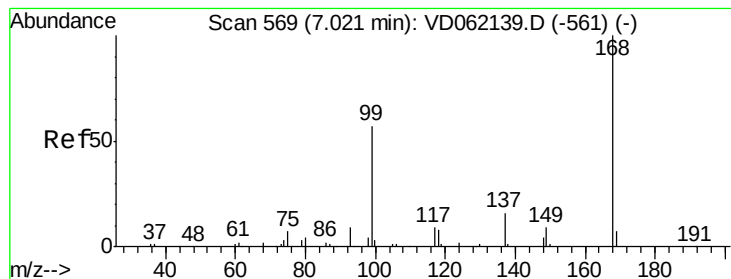
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 574

Delta R.T. 0.05 min

Lab File: VD062347.D

Acq: 14 May 2019 15:35

Instrument :

MSVOA_D

ClientSampleId :

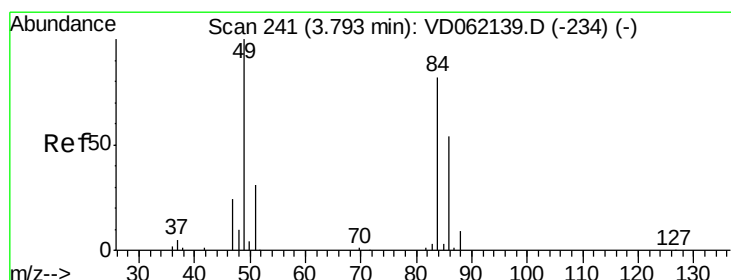
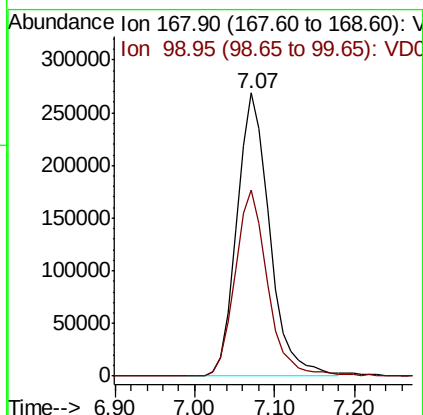
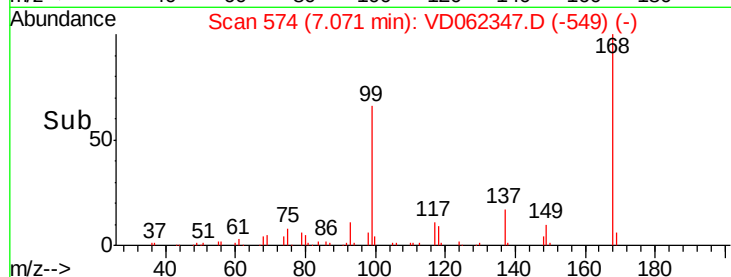
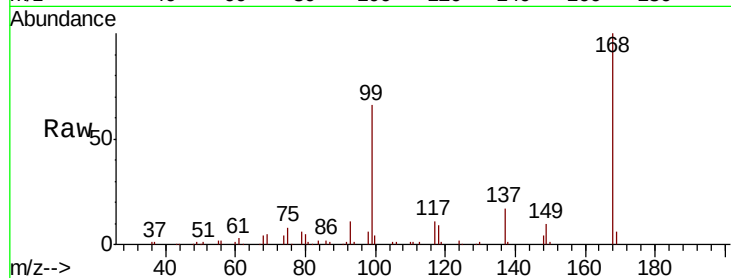
SU-02-050919-B

Tgt Ion:168 Resp: 764693

Ion Ratio Lower Upper

168 100

99 65.6 46.5 69.7



#20

Methylene Chloride

Concen: 5.749 ug/l

RT: 3.84 min Scan# 246

Delta R.T. 0.05 min

Lab File: VD062347.D

Acq: 14 May 2019 15:35

Tgt Ion: 84 Resp: 35776

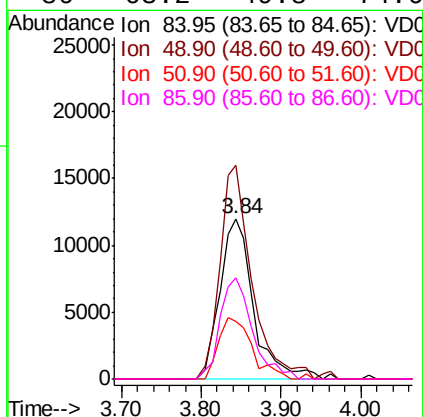
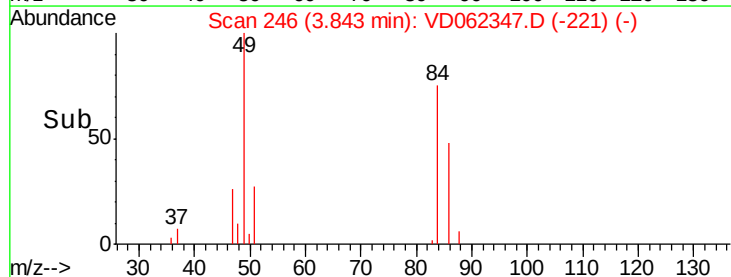
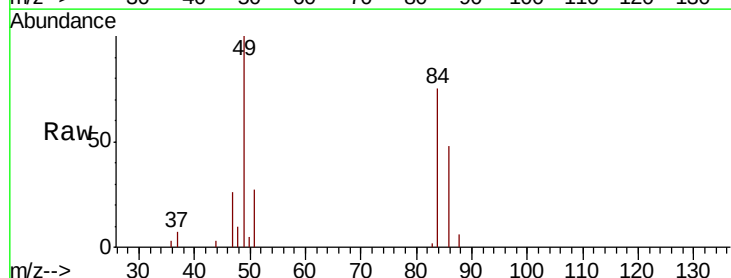
Ion Ratio Lower Upper

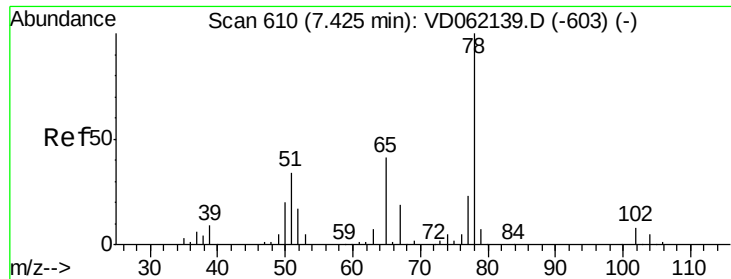
84 100

49 133.0 94.0 141.0

51 36.0 29.0 43.4

86 63.2 49.8 74.6

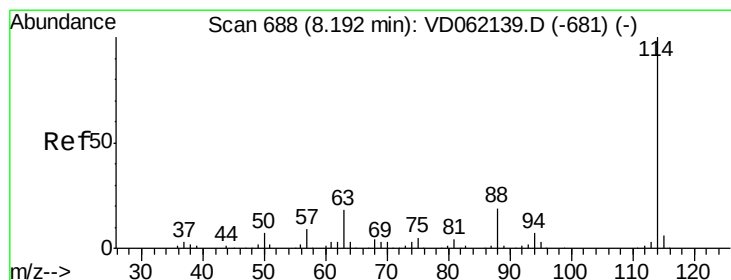
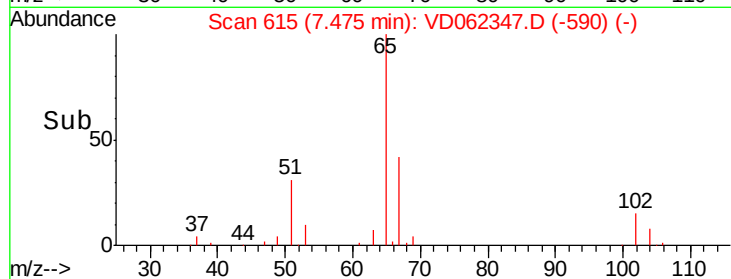
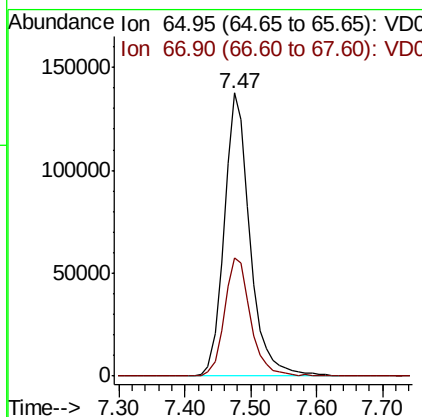
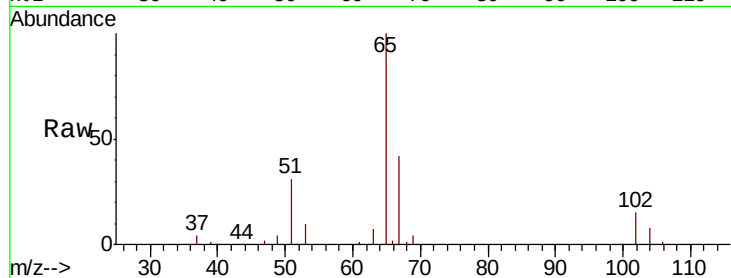




#33
 1,2-Dichloroethane-d4
 Concen: 52.745 ug/l
 RT: 7.47 min Scan# 615
 Delta R.T. 0.05 min
 Lab File: VD062347.D
 Acq: 14 May 2019 15:35

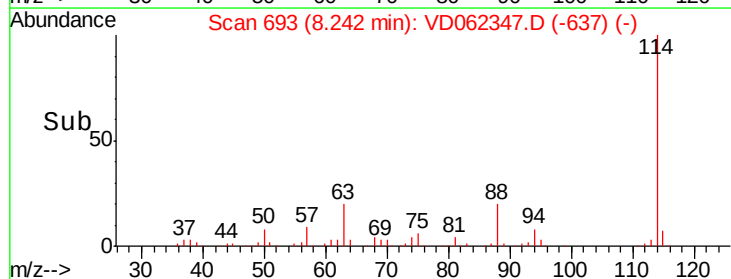
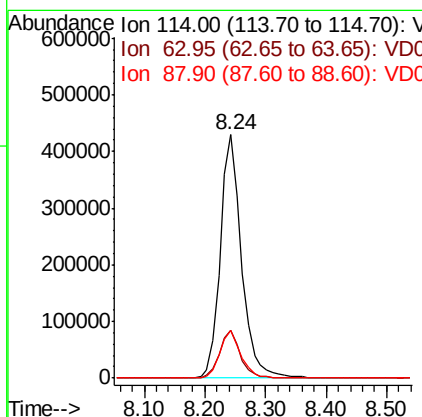
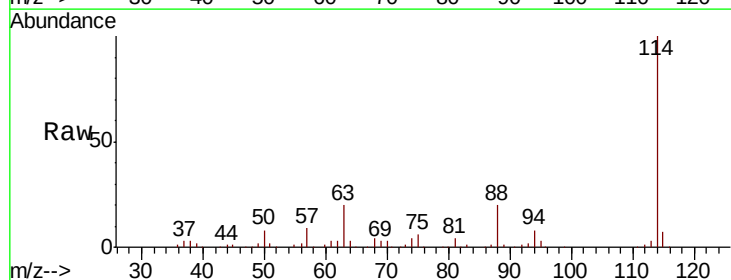
Instrument :
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 SU-02-050919-B

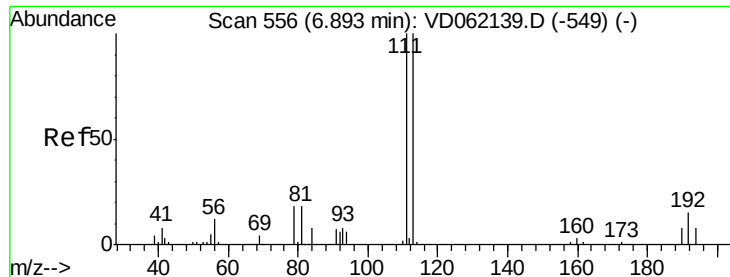
Tgt Ion: 65 Resp: 374827
 Ion Ratio Lower Upper
 65 100
 67 41.7 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 693
 Delta R.T. 0.05 min
 Lab File: VD062347.D
 Acq: 14 May 2019 15:35

Tgt Ion: 114 Resp: 1044381
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 32.4
 88 19.8 0.0 33.6

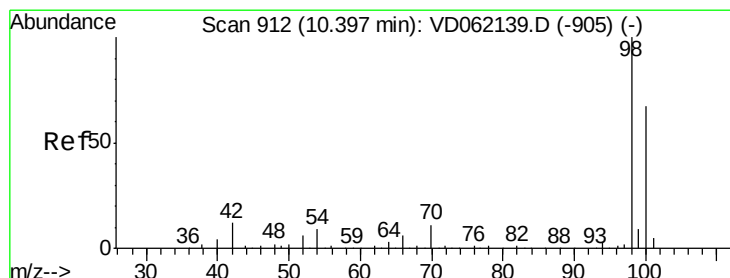
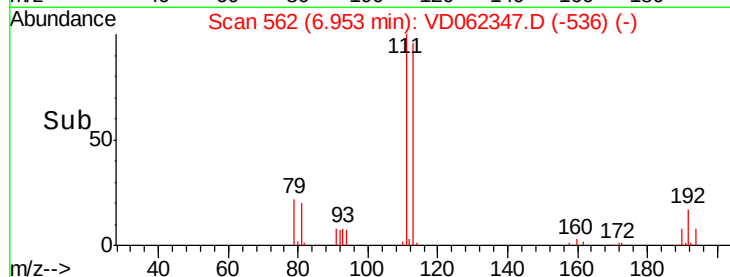
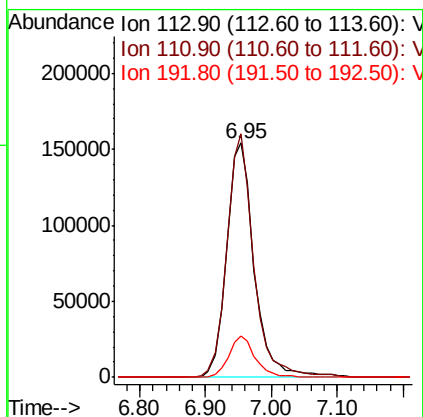
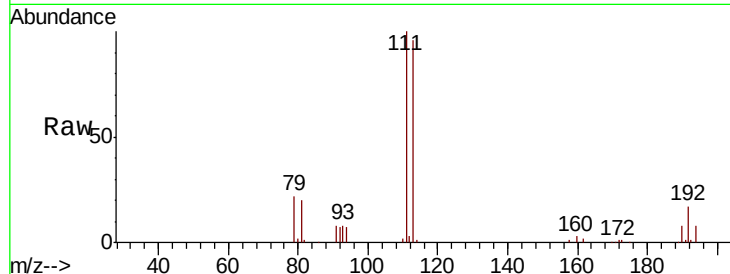




#35
 Dibromofluoromethane
 Concen: 52.095 ug/l
 RT: 6.95 min Scan# 562
 Delta R.T. 0.06 min
 Lab File: VD062347.D
 Acq: 14 May 2019 15:35

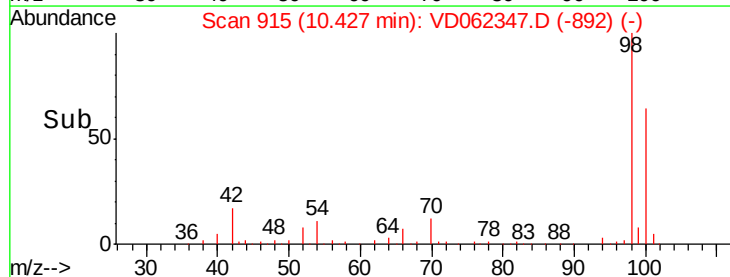
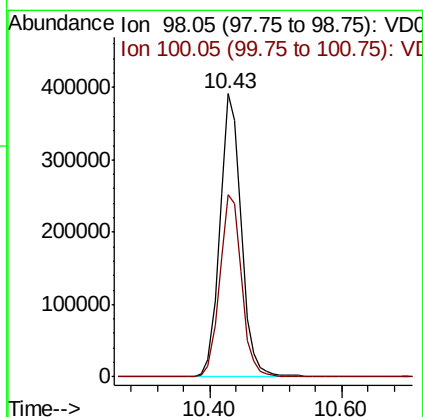
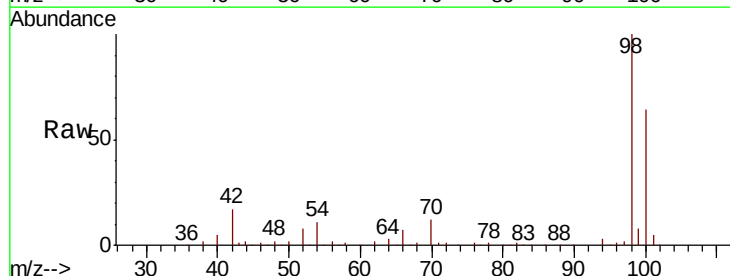
Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-050919-B

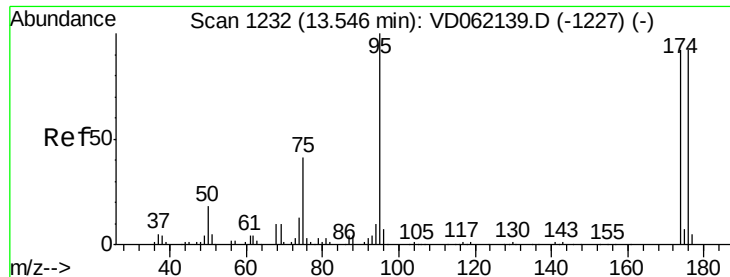
Tgt Ion: 113 Resp: 451421
 Ion Ratio Lower Upper
 113 100
 111 104.0 78.5 117.7
 192 17.7 13.0 19.4



#50
 Toluene-d8
 Concen: 42.438 ug/l
 RT: 10.43 min Scan# 915
 Delta R.T. 0.03 min
 Lab File: VD062347.D
 Acq: 14 May 2019 15:35

Tgt Ion: 98 Resp: 886646
 Ion Ratio Lower Upper
 98 100
 100 64.4 53.8 80.8

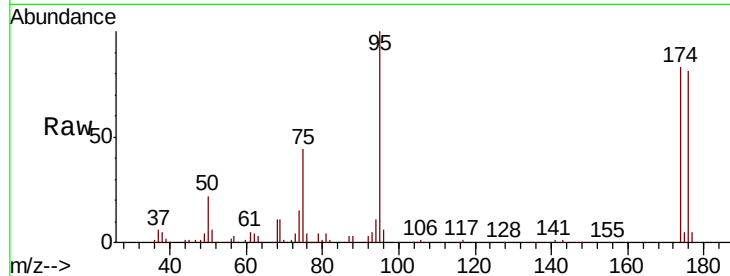




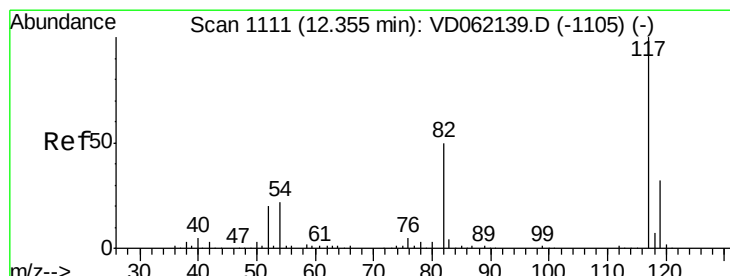
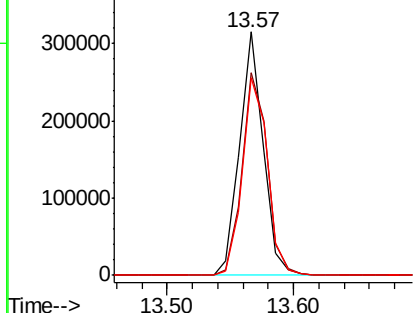
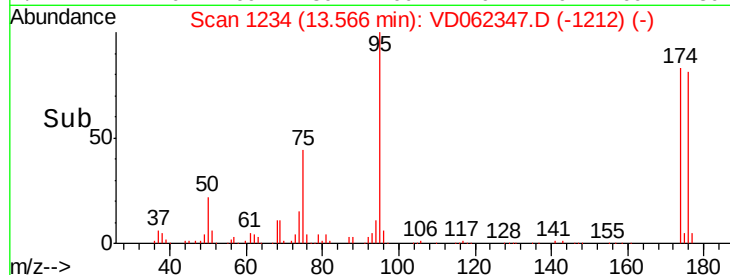
#62
4-Bromofluorobenzene
Concen: 48.215 ug/l
RT: 13.57 min Scan# 1234
Delta R.T. 0.02 min
Lab File: VD062347.D
Acq: 14 May 2019 15:35

Instrument :
MSVOA_D
ClientSampleId :
SU-02-050919-B

Tgt Ion: 95 Resp: 404514
Ion Ratio Lower Upper
95 100
174 83.1 0.0 181.8
176 81.1 0.0 174.4

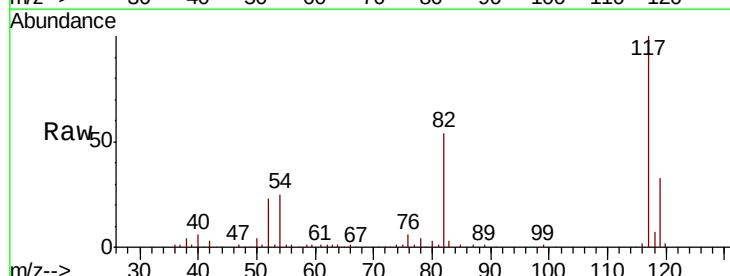


Abundance Ion 95.00 (94.70 to 95.70): V
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

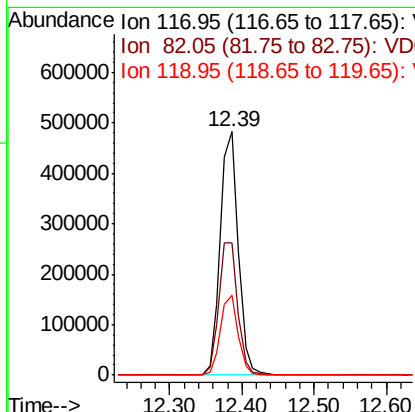
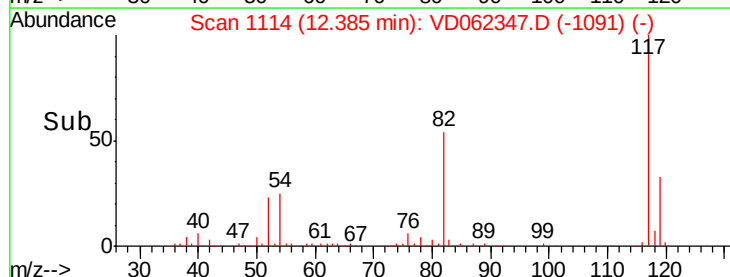


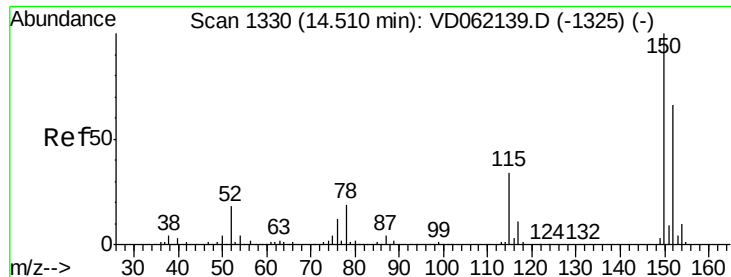
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.39 min Scan# 1114
Delta R.T. 0.03 min
Lab File: VD062347.D
Acq: 14 May 2019 15:35

Tgt Ion: 117 Resp: 828168
Ion Ratio Lower Upper
117 100
82 54.5 36.2 54.2#
119 33.0 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

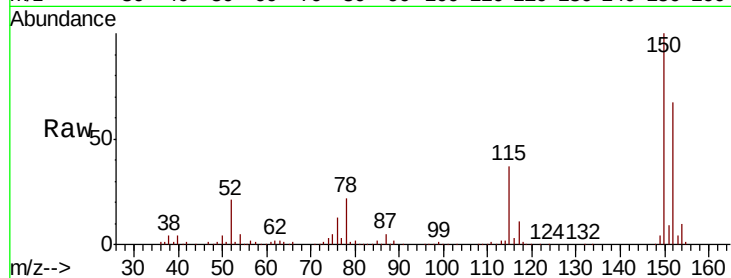




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.53 min Scan# 1332
 Delta R.T. 0.02 min
 Lab File: VD062347.D
 Acq: 14 May 2019 15:35

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-02-050919-B

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.7	30.9	92.7
150	149.8	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

