

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070119\
 Data File : VD062991.D
 Acq On : 1 Jul 2019 15:41
 Operator : VA/AP
 Sample : K3160-09
 Misc : 6.98g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-01-062819-B

Quant Time: Jul 02 08:04:22 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

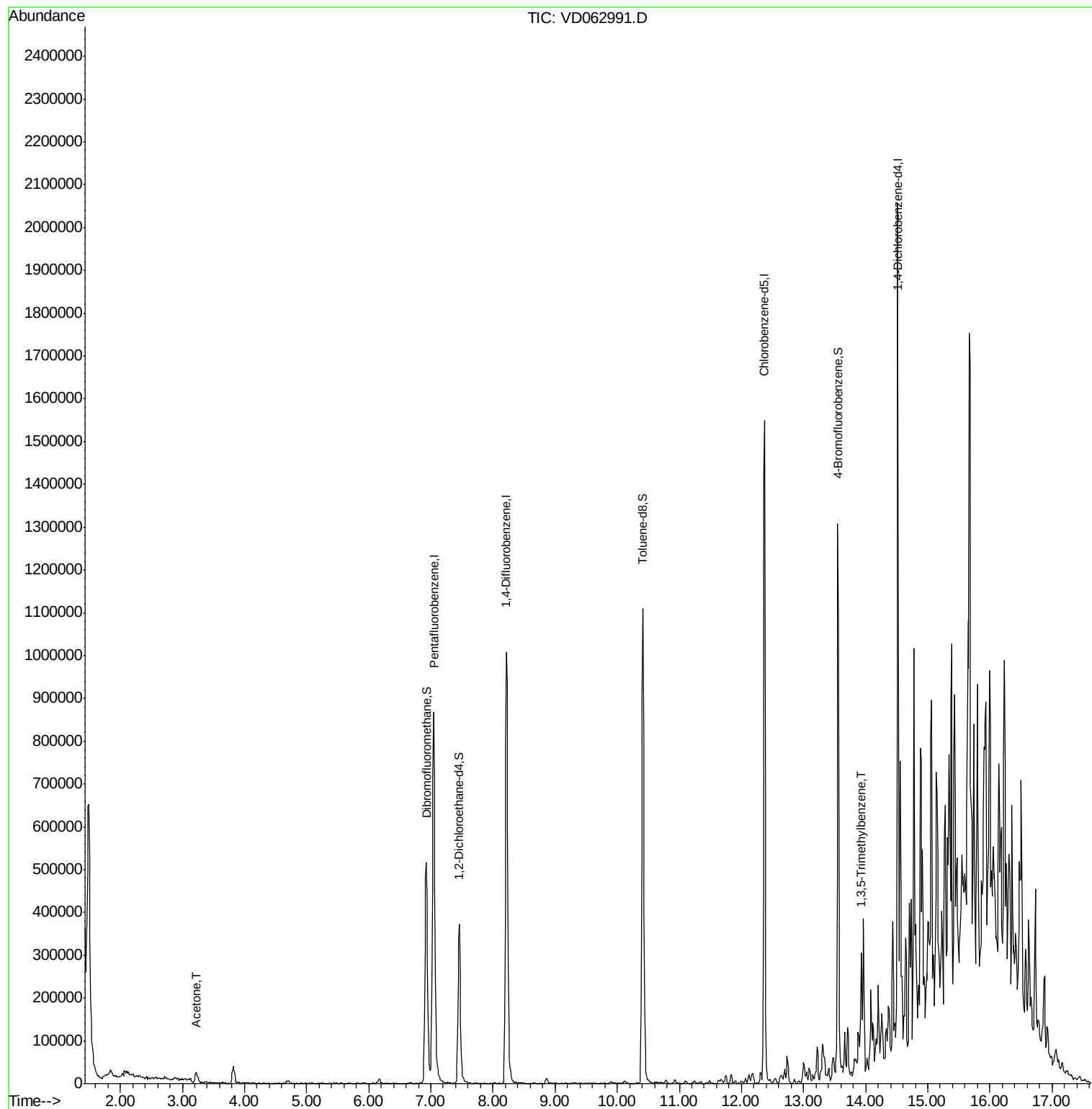
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	789560	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1115275	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	831685	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	371282	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	429041	49.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.98%	
35) Dibromofluoromethane	6.93	113	460086	48.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.84%	
50) Toluene-d8	10.41	98	889491	43.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.92%	
62) 4-Bromofluorobenzene	13.55	95	357409	38.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.80%	
Target Compounds						
16) Acetone	3.23	43	52268	23.699	ug/l	97
80) 1,3,5-Trimethylbenzene	13.94	105	106506	5.326	ug/l	99

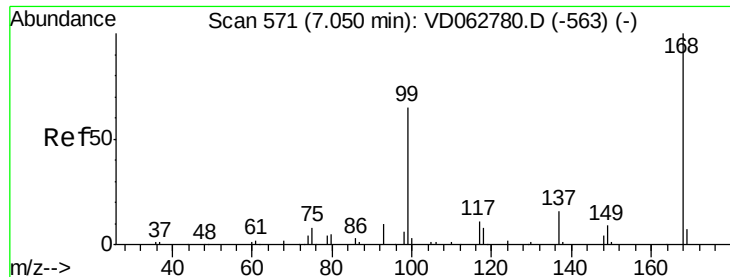
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD070119\
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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. -0.00 min

Lab File: VD062991.D

Acq: 1 Jul 2019 15:41

Instrument :

MSVOA_D

ClientSampleId :

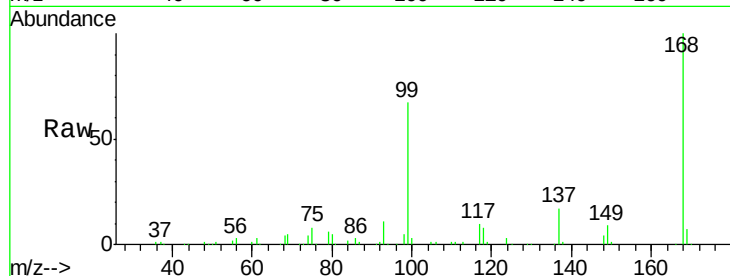
EO-01-062819-B

Tot Ion:168 Resp: 789560

Ion Ratio Lower Upper

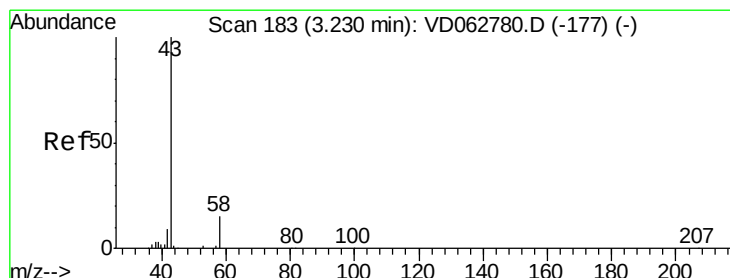
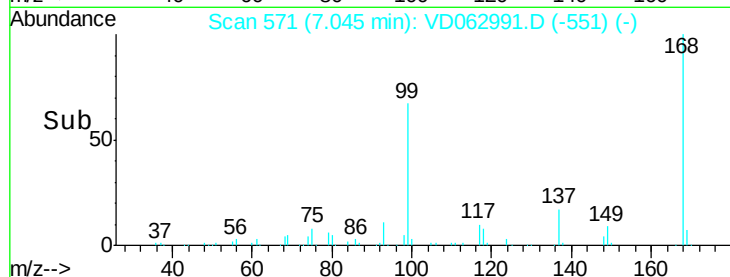
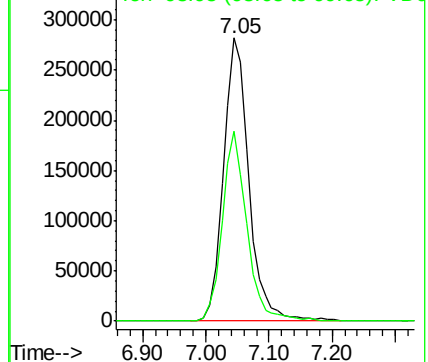
168 100

99 67.0 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 23.699 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD062991.D

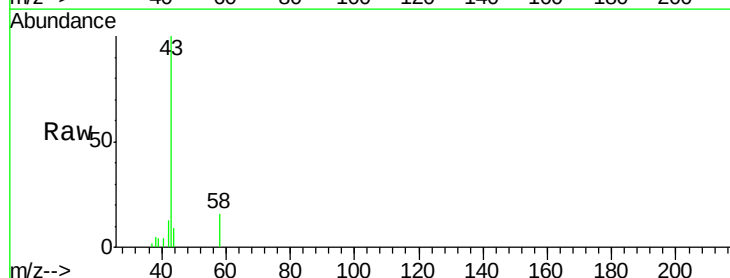
Acq: 1 Jul 2019 15:41

Tgt Ion: 43 Resp: 52268

Ion Ratio Lower Upper

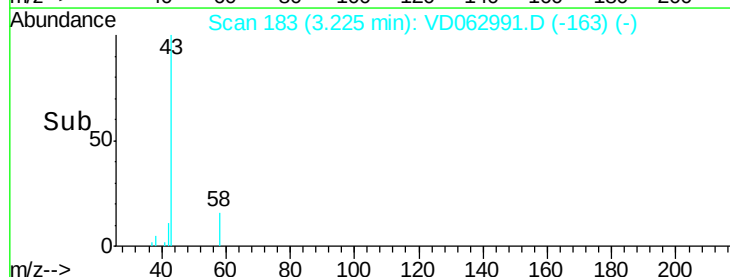
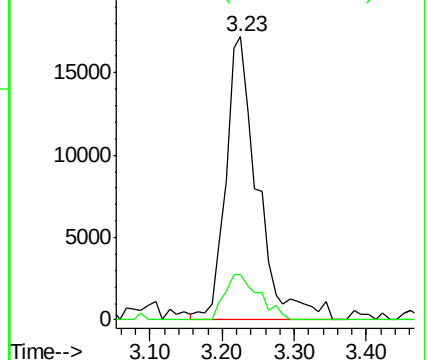
43 100

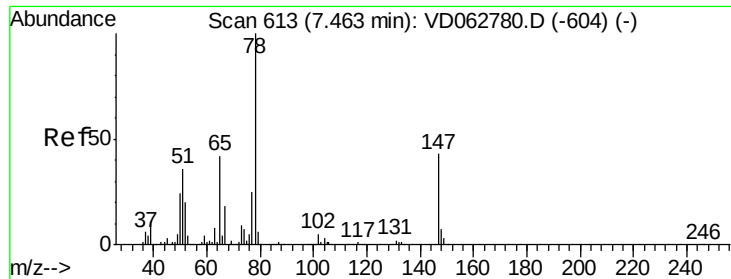
58 16.2 11.9 17.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

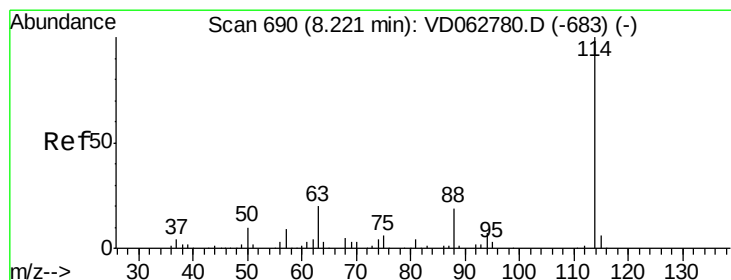
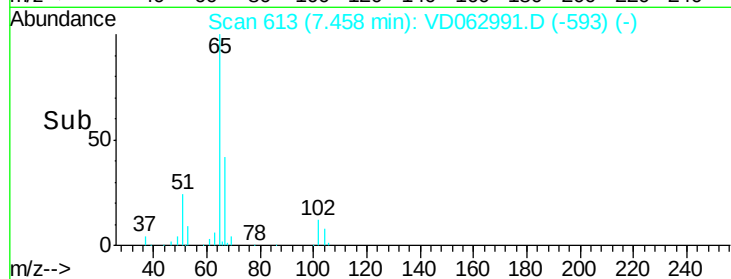
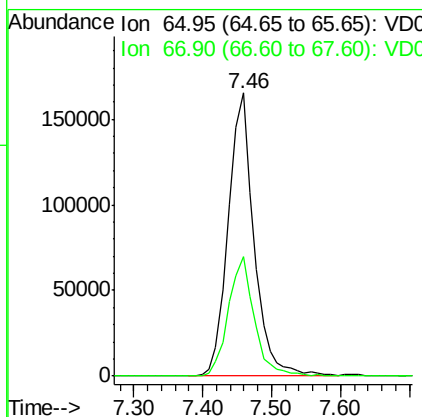
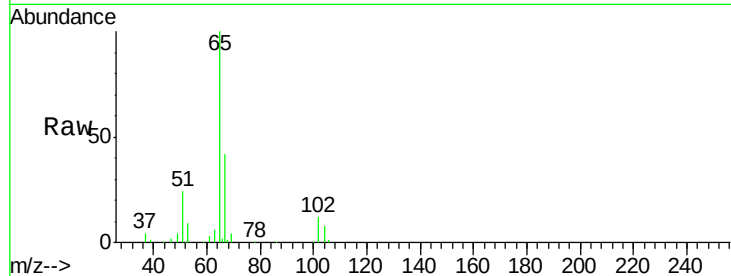




#33
 1,2-Dichloroethane-d4
 Concen: 49.991 ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: VD062991.D
 Acq: 1 Jul 2019 15:41

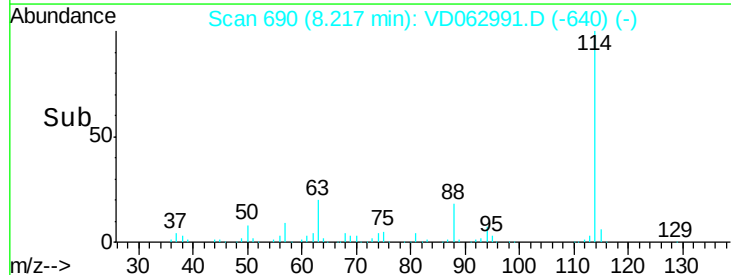
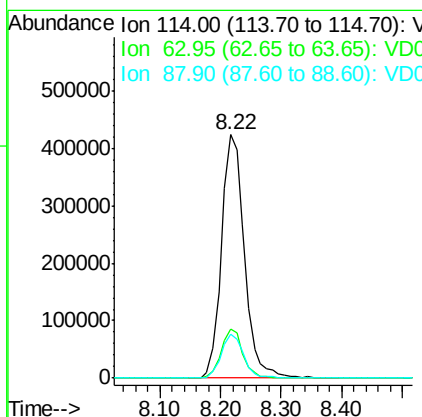
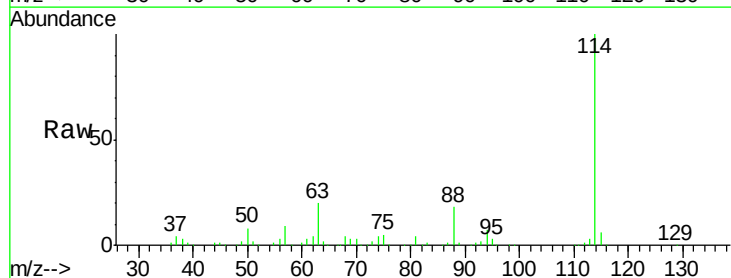
Instrument :
 MSVOA_D
 ClientSampleId :
 EO-01-062819-B

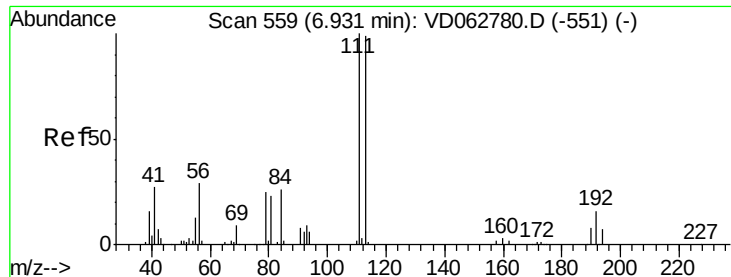
Tot Ion: 65 Resp: 429041
 Ion Ratio Lower Upper
 65 100
 67 42.4 0.0 87.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: VD062991.D
 Acq: 1 Jul 2019 15:41

Tgt Ion: 114 Resp: 1115275
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.0
 88 18.0 0.0 38.8





#35

Dibromofluoromethane

Concen: 48.925 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.00 min

Lab File: VD062991.D

Acq: 1 Jul 2019 15:41

Instrument :

MSVOA_D

ClientSampleId :

EO-01-062819-B

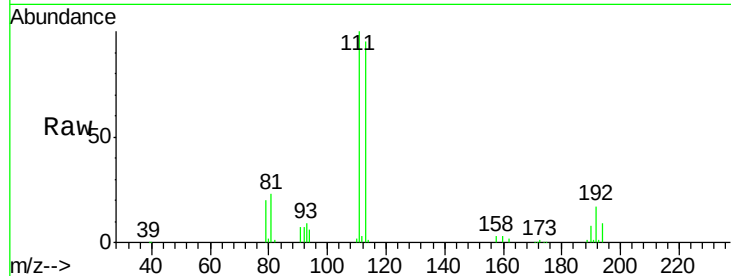
Tot Ion:113 Resp: 460086

Ion Ratio Lower Upper

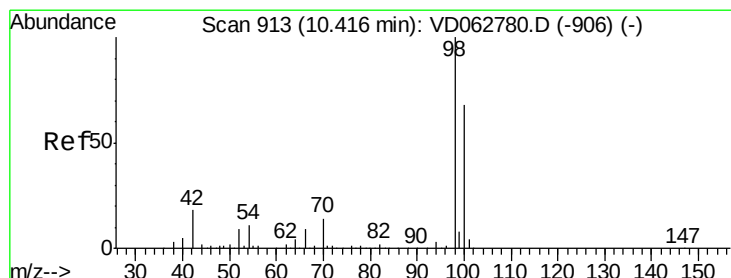
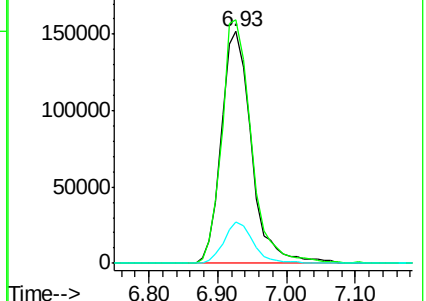
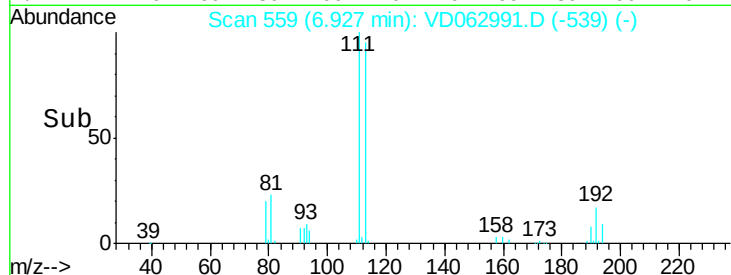
113 100

111 105.0 81.2 121.8

192 17.6 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: 43.459 ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.00 min

Lab File: VD062991.D

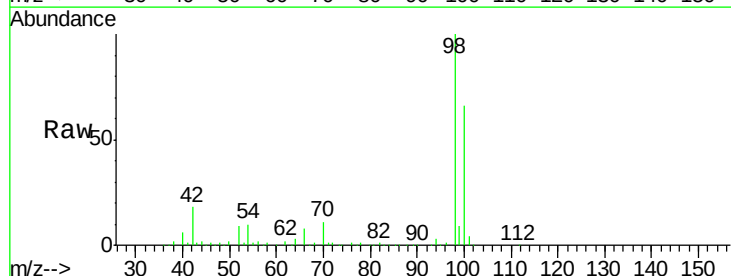
Acq: 1 Jul 2019 15:41

Tgt Ion: 98 Resp: 889491

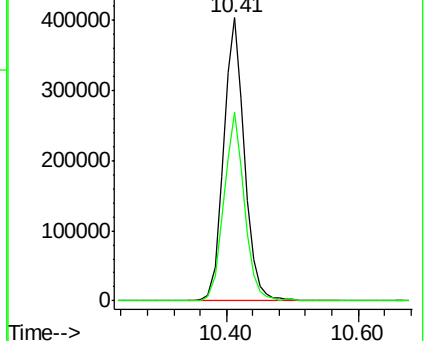
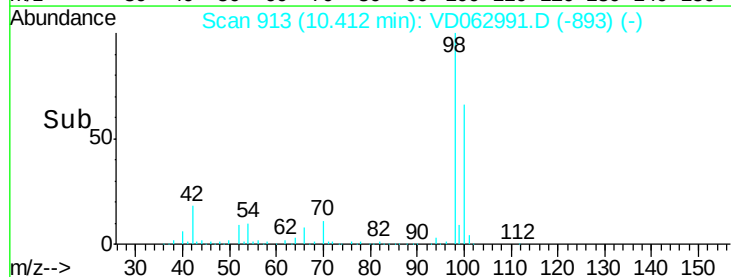
Ion Ratio Lower Upper

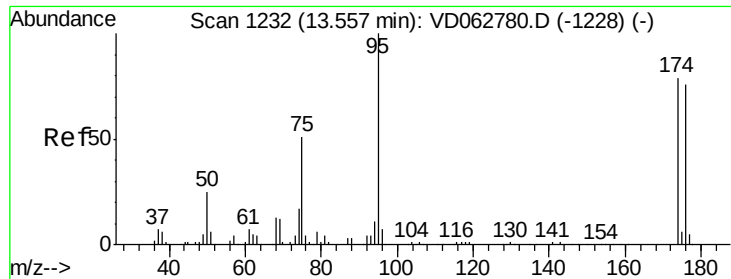
98 100

100 66.4 54.7 82.1



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





#62

4-Bromofluorobenzene

Concen: 38.404 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.00 min

Lab File: VD062991.D

Acq: 1 Jul 2019 15:41

Instrument :

MSVOA_D

ClientSampleId :

EO-01-062819-B

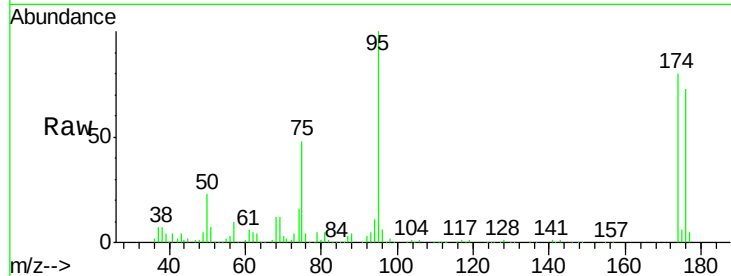
Tot Ion: 95 Resp: 357409

Ion Ratio Lower Upper

95 100

174 79.5 0.0 158.0

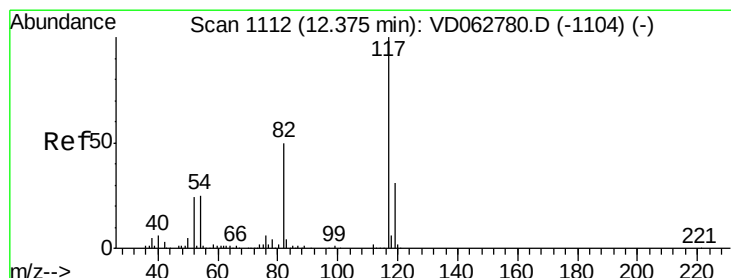
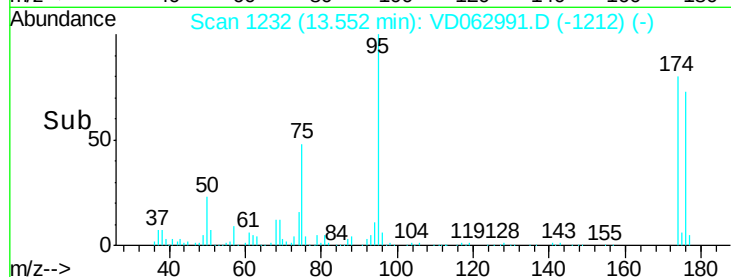
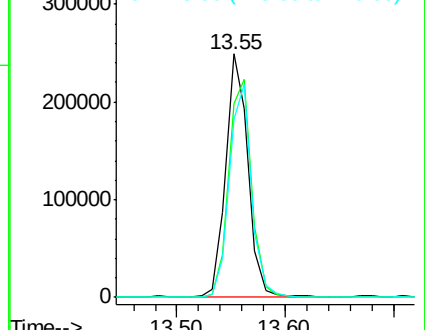
176 73.2 0.0 151.6



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: 12.37 min Scan# 1112

Delta R.T. -0.00 min

Lab File: VD062991.D

Acq: 1 Jul 2019 15:41

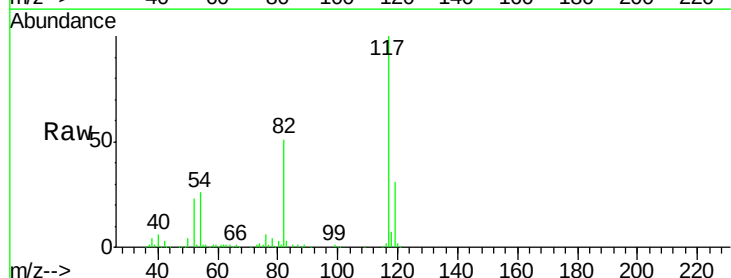
Tgt Ion: 117 Resp: 831685

Ion Ratio Lower Upper

117 100

82 50.5 40.4 60.6

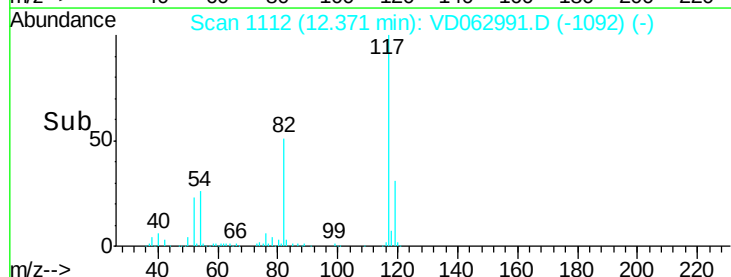
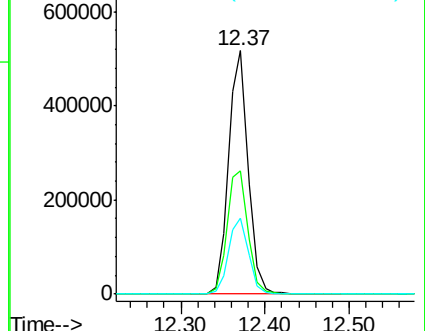
119 31.3 25.2 37.8

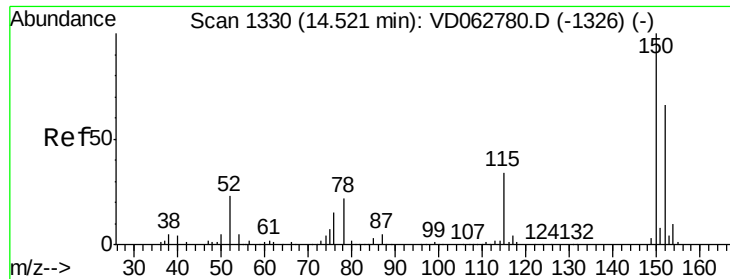


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD062991.D

Acq: 1 Jul 2019 15:41

Instrument :

MSVOA_D

ClientSampleId :

EO-01-062819-B

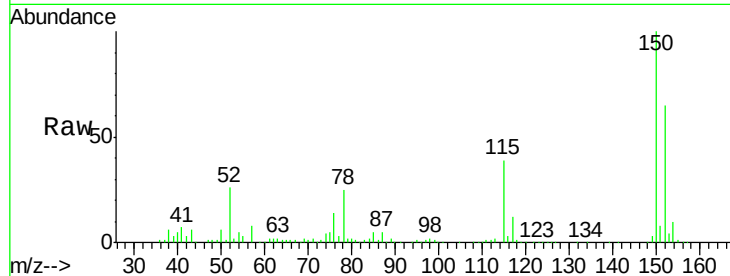
Tot Ion:152 Resp: 371282

Ion Ratio Lower Upper

152 100

115 60.2 29.2 87.6

150 153.6 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

600000

500000

400000

300000

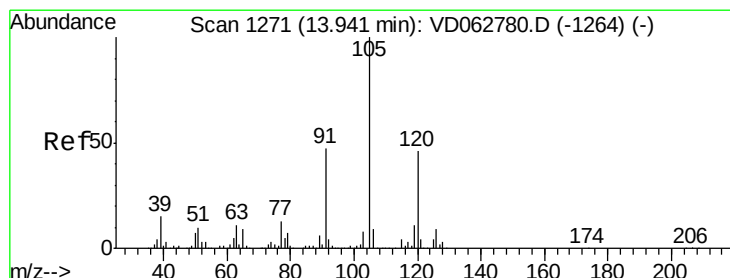
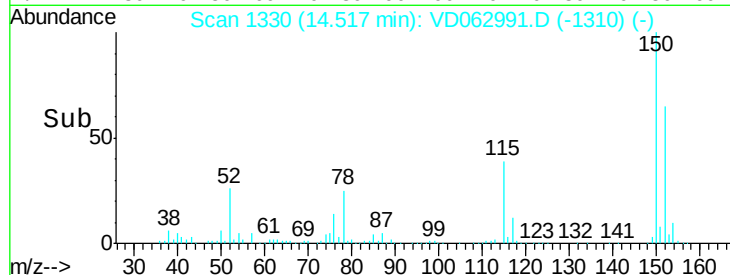
200000

100000

0

14.40 14.50 14.60

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 5.326 ug/l

RT: 13.94 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VD062991.D

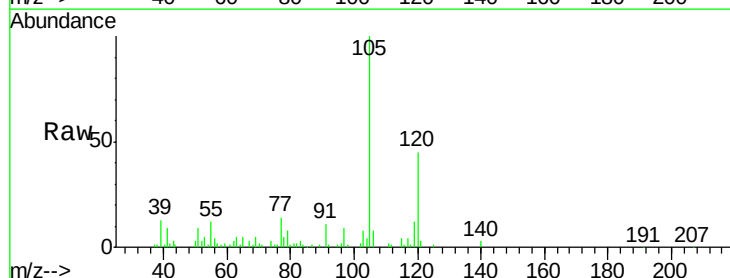
Acq: 1 Jul 2019 15:41

Tgt Ion:105 Resp: 106506

Ion Ratio Lower Upper

105 100

120 45.5 23.1 69.2



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.05 (119.75 to 120.75): V

80000

60000

40000

20000

0

13.90 13.95 14.00

Time-->

