

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070119\
 Data File : VD062989.D
 Acq On : 1 Jul 2019 14:47
 Operator : VA/AP
 Sample : K3158-09
 Misc : 6.41g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OK-01-062819

Quant Time: Jul 02 07:58:35 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

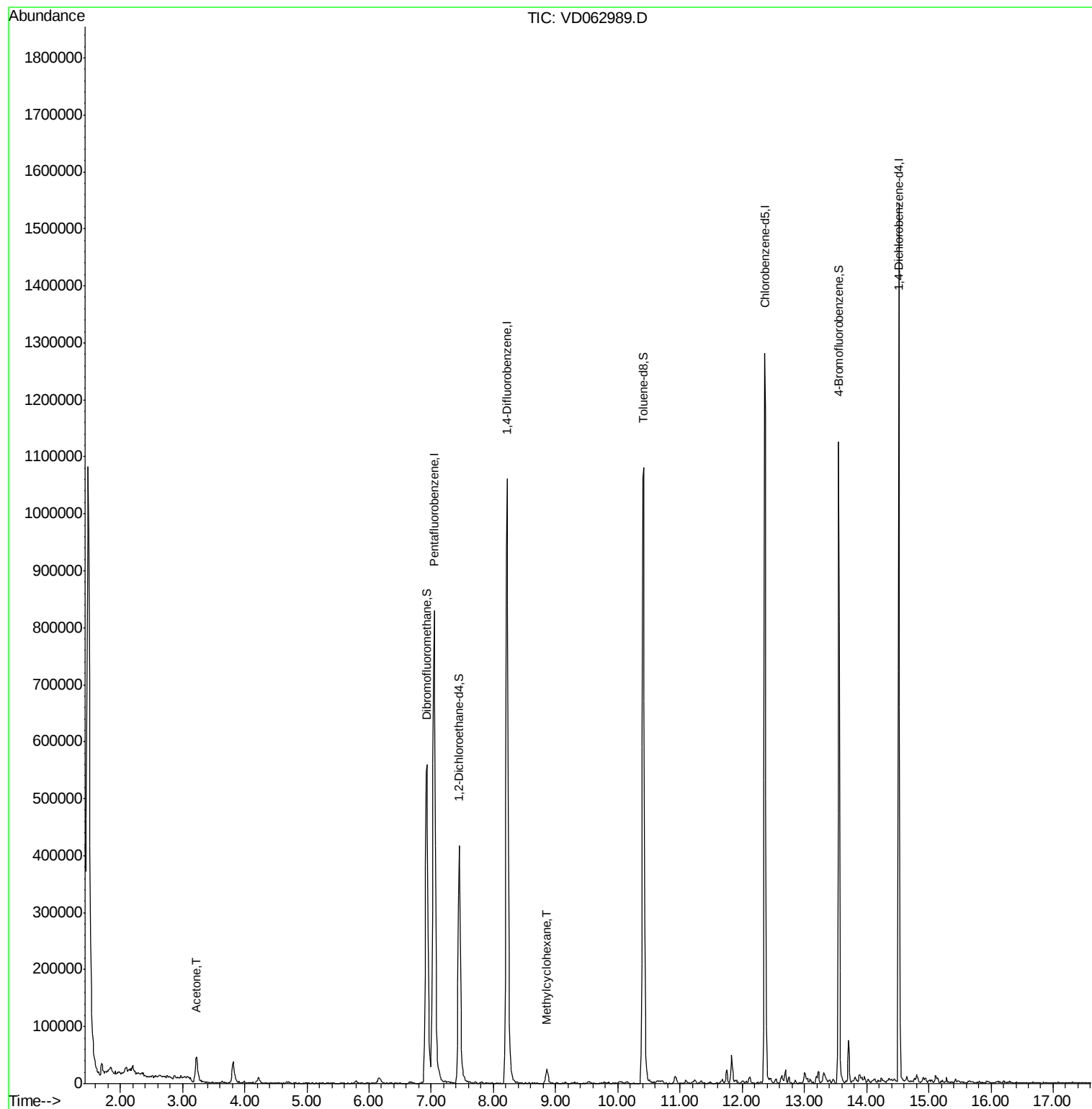
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	819504	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1131290	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	712686	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	295564	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	496139	55.70	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	111.40%	
35) Dibromofluoromethane	6.93	113	497537	52.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.32%	
50) Toluene-d8	10.41	98	862979	41.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.14%	
62) 4-Bromofluorobenzene	13.55	95	312630	33.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	66.24%	
Target Compounds						
16) Acetone	3.23	43	96461	47.739	ug/l	95
39) Methylcyclohexane	8.86	83	12000	1.273	ug/l #	88

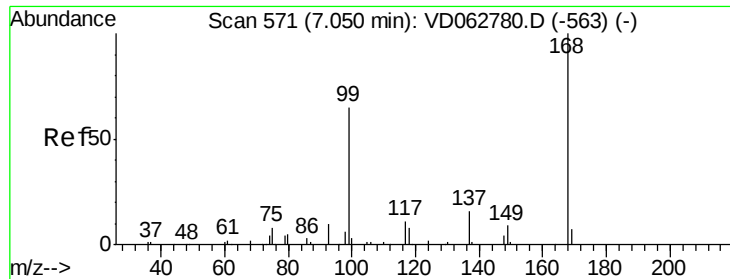
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.05 min Scan# 571

Delta R.T. -0.00 min

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Acq: 1 Jul 2019 14:47

Instrument :

MSVOA_D

ClientSampleId :

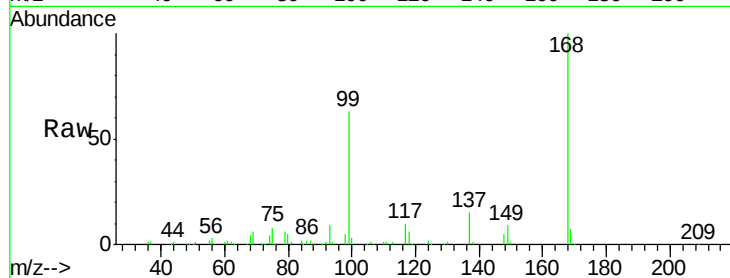
OK-01-062819

Tot Ion:168 Resp: 819504

Ion Ratio Lower Upper

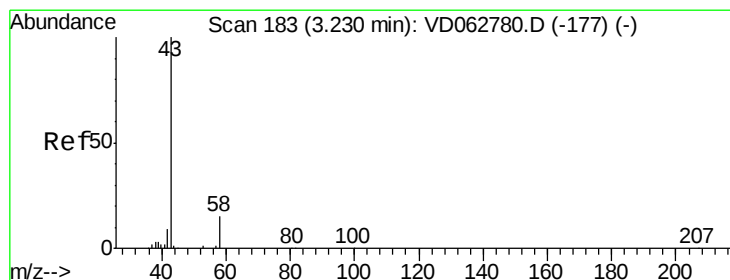
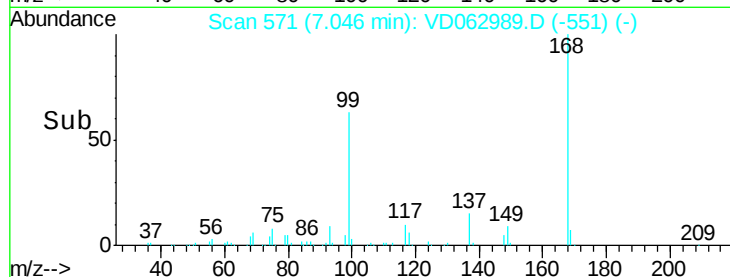
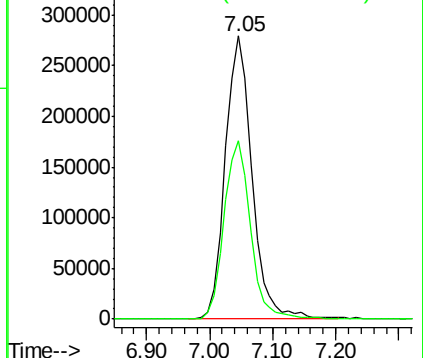
168 100

99 63.1 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: 47.739 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD062989.D

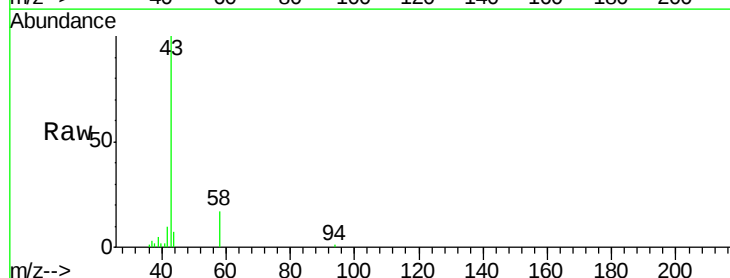
Acq: 1 Jul 2019 14:47

Tgt Ion: 43 Resp: 96461

Ion Ratio Lower Upper

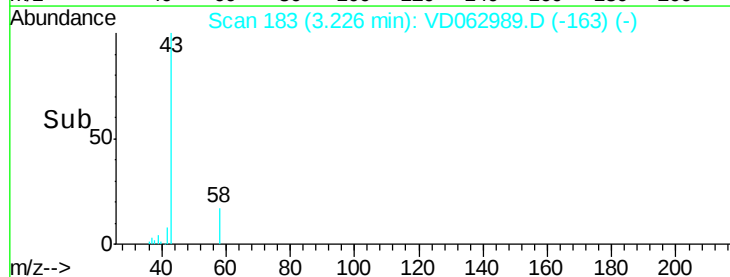
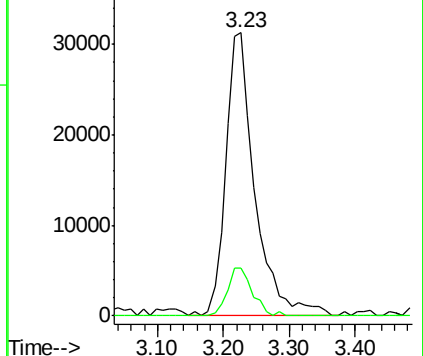
43 100

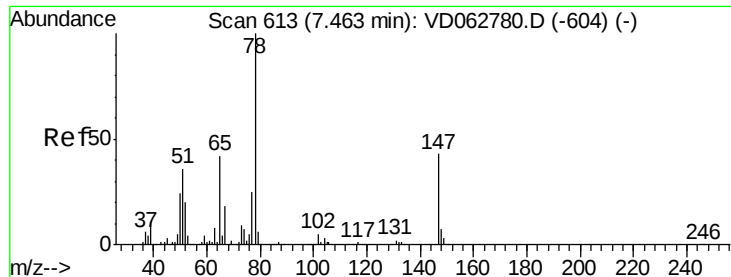
58 16.9 11.9 17.9



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: 55.697 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD062989.D

Acq: 1 Jul 2019 14:47

Instrument :

MSVOA_D

ClientSampleId :

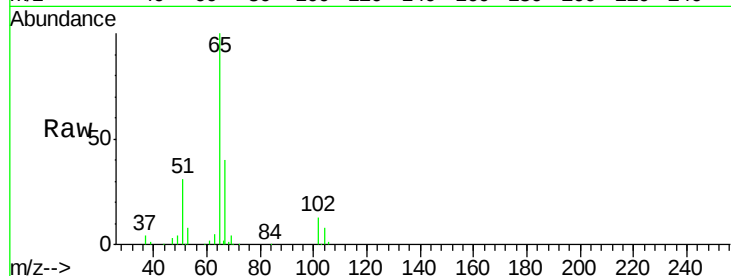
OK-01-062819

Tot Ion: 65 Resp: 496139

Ion Ratio Lower Upper

65 100

67 39.6 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

200000

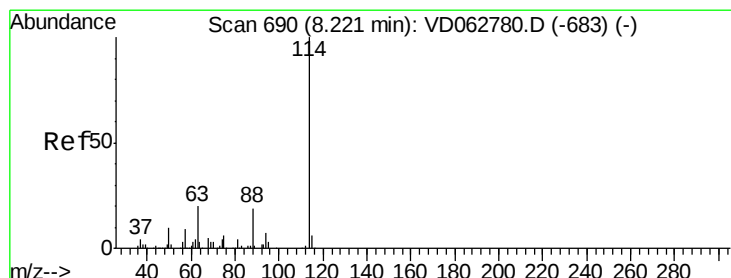
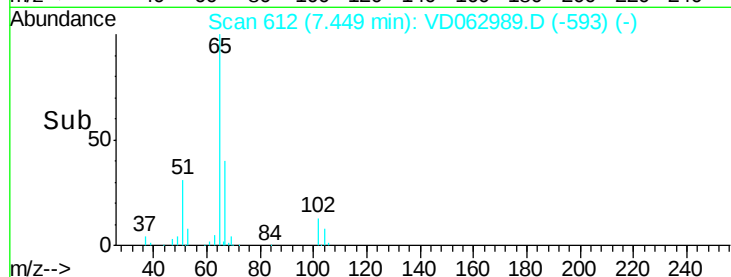
150000

100000

50000

0

Time--> 7.30 7.40 7.50 7.60



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. -0.00 min

Lab File: VD062989.D

Acq: 1 Jul 2019 14:47

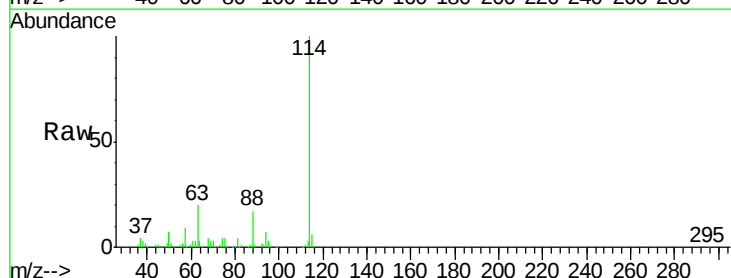
Tgt Ion: 114 Resp: 1131290

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.0

88 17.1 0.0 38.8



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.22

600000

500000

400000

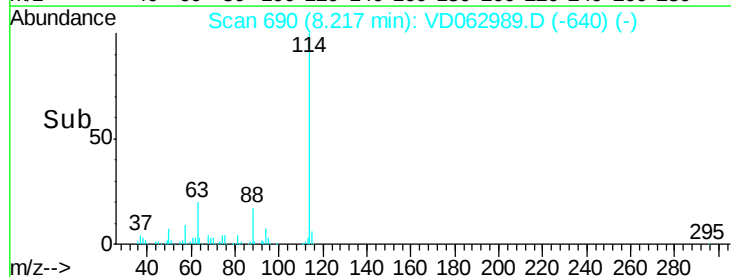
300000

200000

100000

0

Time--> 8.10 8.20 8.30 8.40





#35

Dibromofluoromethane

Concen: 52.158 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.00 min

Lab File: VD062989.D

Acq: 1 Jul 2019 14:47

Instrument :

MSVOA_D

ClientSampleId :

OK-01-062819

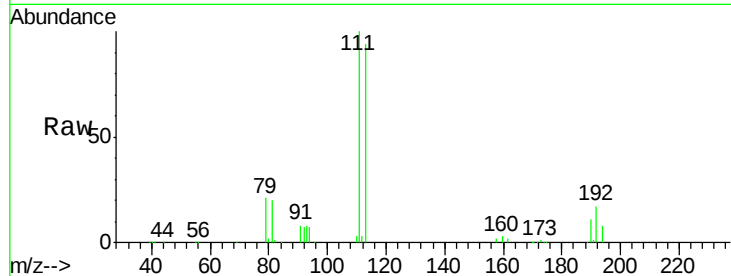
Tot Ion:113 Resp: 497537

Ion Ratio Lower Upper

113 100

111 106.4 81.2 121.8

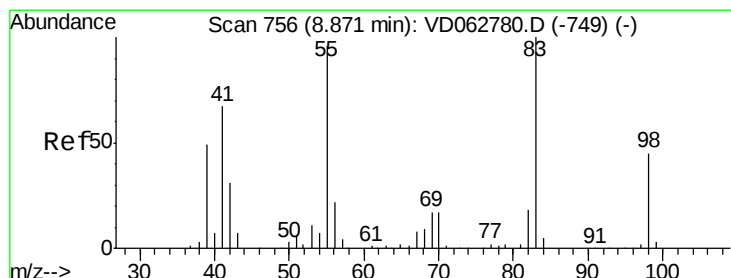
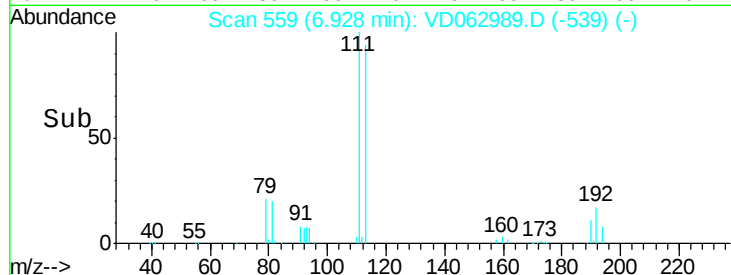
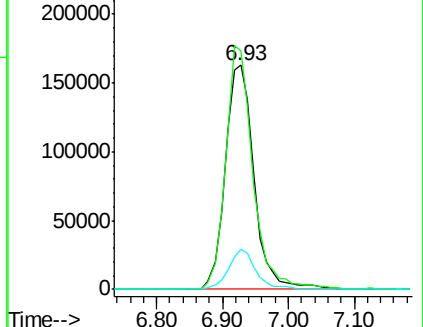
192 17.9 12.9 19.3



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



#39

Methylcyclohexane

Concen: 1.273 ug/l

RT: 8.86 min Scan# 755

Delta R.T. -0.01 min

Lab File: VD062989.D

Acq: 1 Jul 2019 14:47

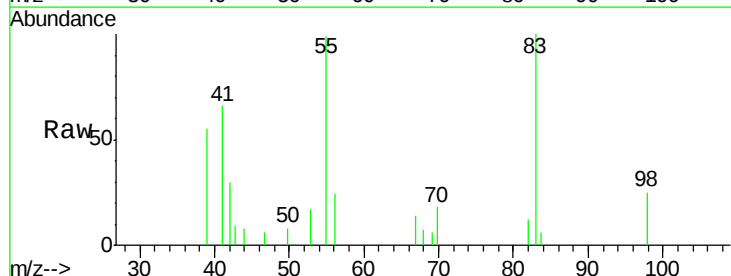
Tgt Ion: 83 Resp: 12000

Ion Ratio Lower Upper

83 100

55 92.6 76.6 115.0

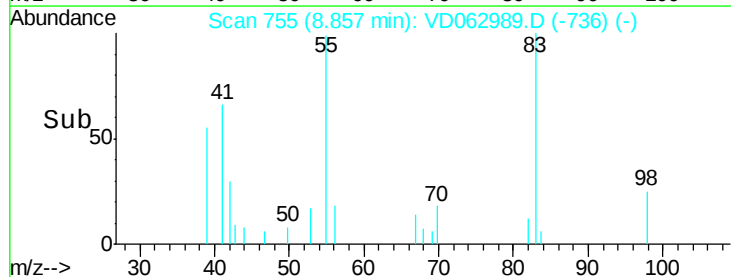
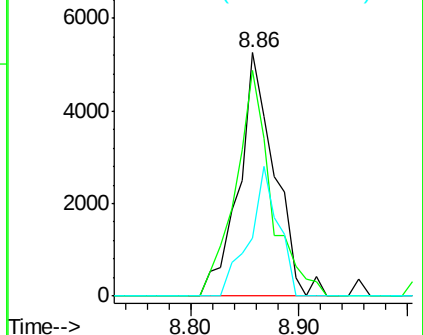
98 23.9 35.7 53.5#

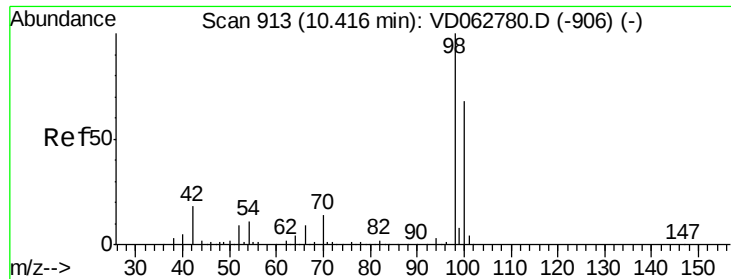


Abundance Ion 83.05 (82.75 to 83.75): VDC

Ion 55.00 (54.70 to 55.70): VDC

Ion 98.05 (97.75 to 98.75): VDC

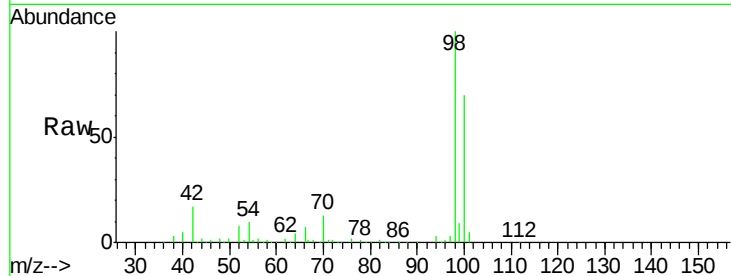




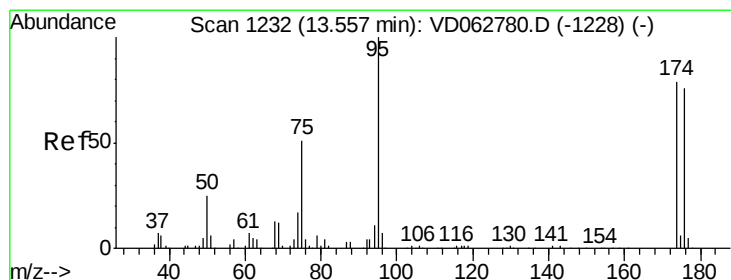
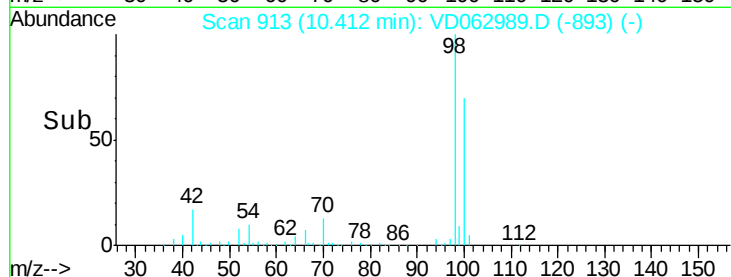
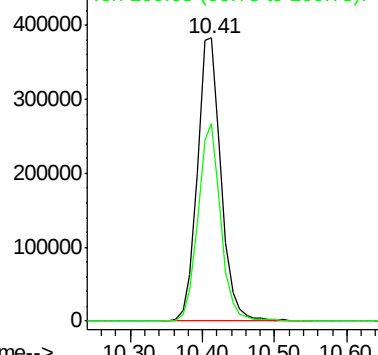
#50
Toluene-d8
Concen: 41.567 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD062989.D
Acq: 1 Jul 2019 14:47

Instrument :
MSVOA_D
ClientSampleId :
OK-01-062819

Tot Ion: 98 Resp: 862979
Ion Ratio Lower Upper
98 100
100 69.8 54.7 82.1

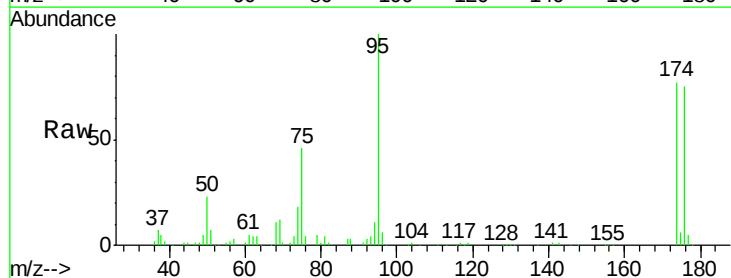


Abundance Ion 98.05 (97.75 to 98.75): VD062780.D (-906) (-)
Ion 100.05 (99.75 to 100.75): VD062989.D (-893) (-)

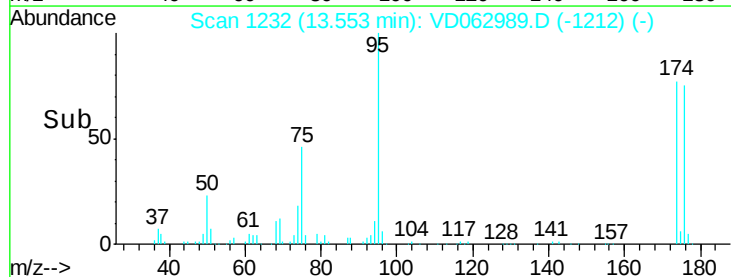
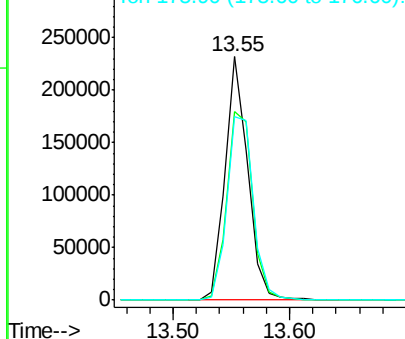


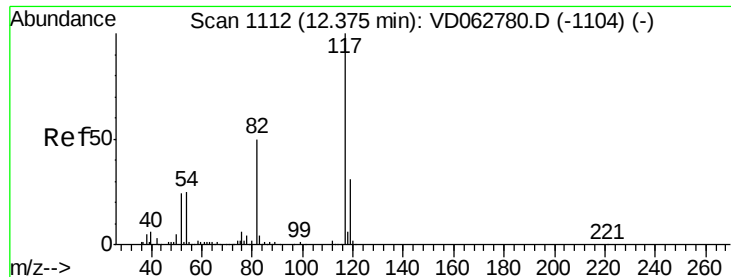
#62
4-Bromofluorobenzene
Concen: 33.117 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD062989.D
Acq: 1 Jul 2019 14:47

Tgt Ion: 95 Resp: 312630
Ion Ratio Lower Upper
95 100
174 77.3 0.0 158.0
176 75.4 0.0 151.6



Abundance Ion 95.00 (94.70 to 95.70): VD062780.D (-1228) (-)
Ion 173.90 (173.60 to 174.60): VD062989.D (-1212) (-)
Ion 175.90 (175.60 to 176.60): VD062989.D (-1212) (-)

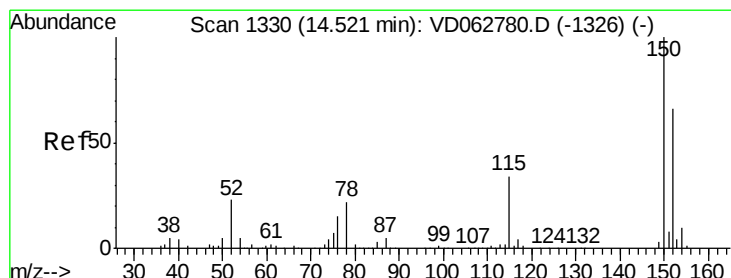
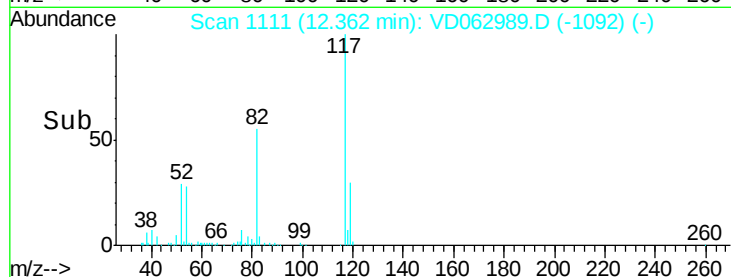
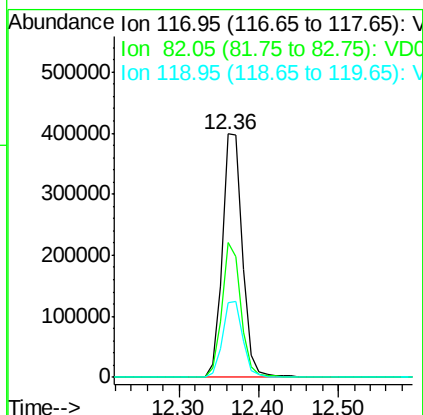
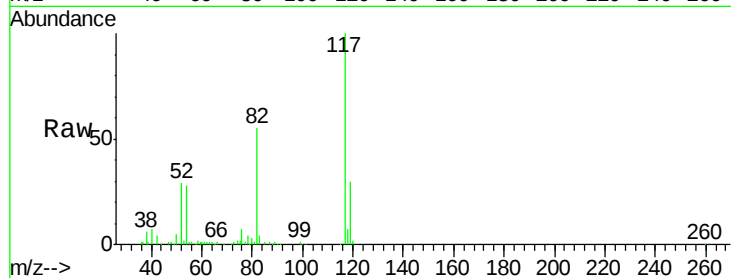




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD062989.D
Acq: 1 Jul 2019 14:47

Instrument :
MSVOA_D
ClientSampleId :
OK-01-062819

Tot Ion:117 Resp: 712686
Ion Ratio Lower Upper
117 100
82 55.2 40.4 60.6
119 30.5 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD062989.D
Acq: 1 Jul 2019 14:47

Tgt Ion:152 Resp: 295564
Ion Ratio Lower Upper
152 100
115 63.3 29.2 87.6
150 163.9 0.0 305.8

