

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081919\
 Data File : VD063669.D
 Acq On : 19 Aug 2019 20:28
 Operator : JC/SY
 Sample : K4385-05RE
 Misc : 5.55g/5ml/MSVOA D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 T8-A4-(0)RE

Quant Time: Aug 20 09:06:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

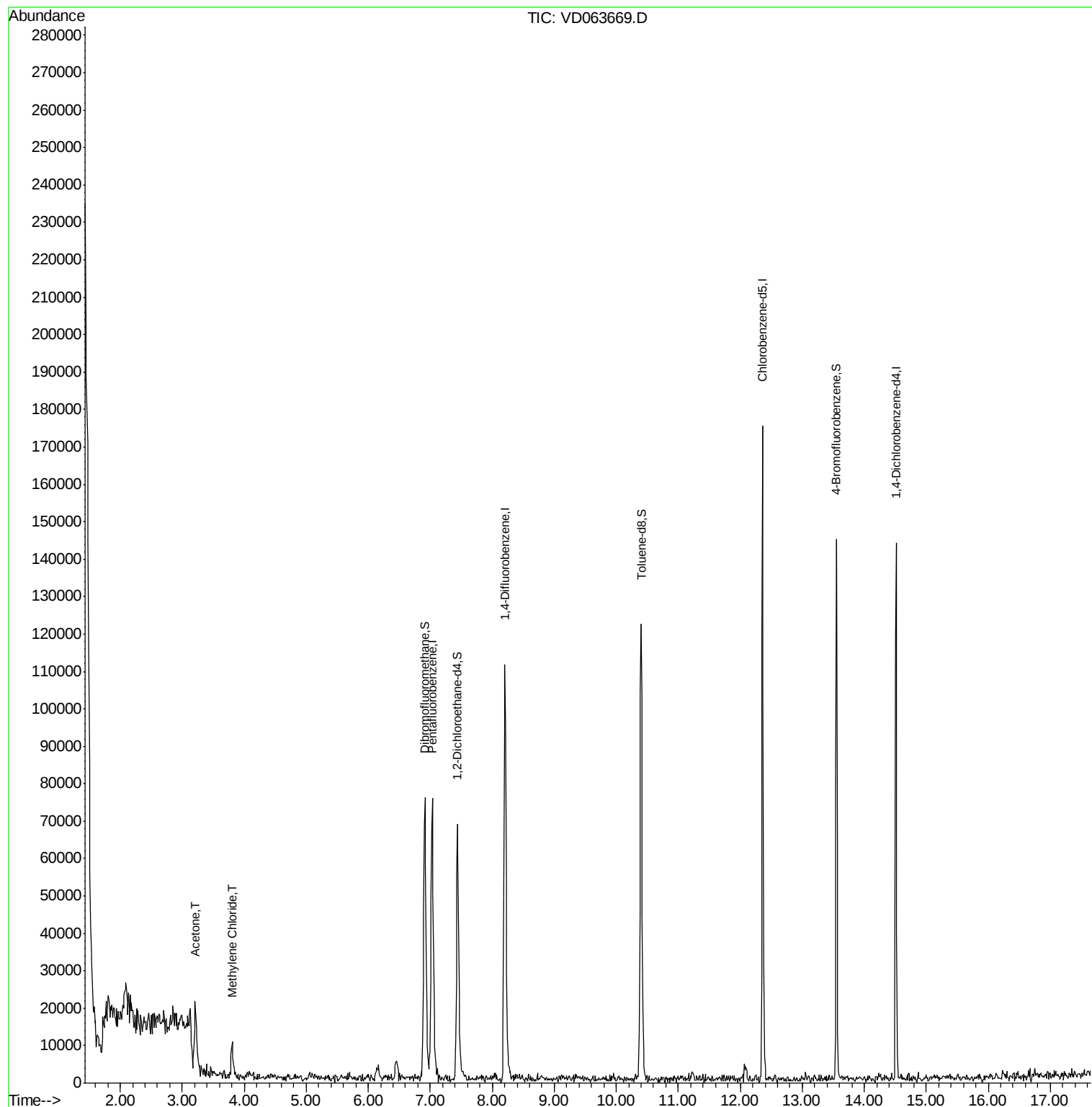
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	70928	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.21	114	122682	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	90392	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	33465	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	77553	102.29	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	204.58%	
35) Dibromofluoromethane	6.92	113	64856	62.77	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	125.54%	
50) Toluene-d8	10.40	98	97079	42.74	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	85.48%	
62) 4-Bromofluorobenzene	13.55	95	37035	35.97	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	71.94%	
Target Compounds						
16) Acetone	3.21	43	32481	210.751	ug/l	97
20) Methylene Chloride	3.80	84	4284	6.428	ug/l #	60

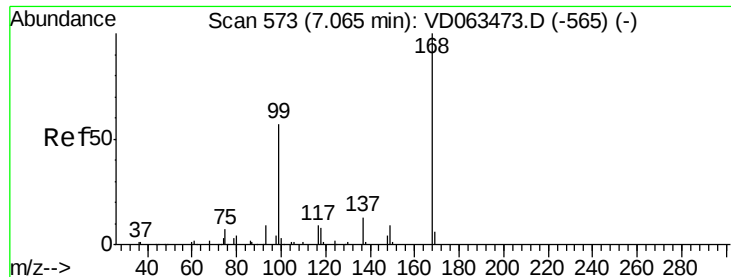
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. -0.03 min

Lab File: VD063669.D

Acq: 19 Aug 2019 20:28

Instrument :

MSVOA_D

ClientSampleId :

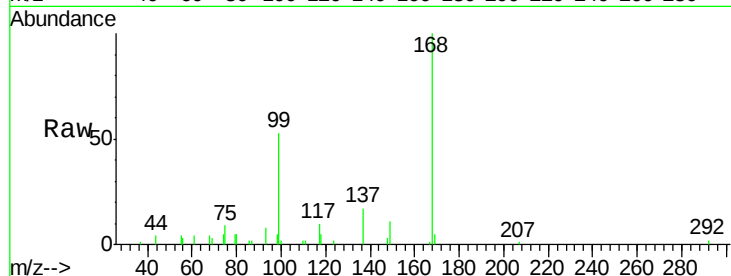
T8-A4-(0)RE

Tot Ion:168 Resp: 70928

Ion Ratio Lower Upper

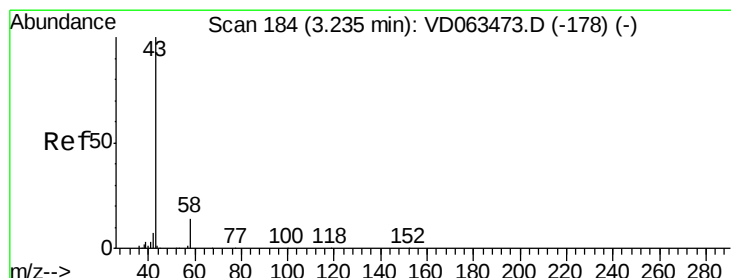
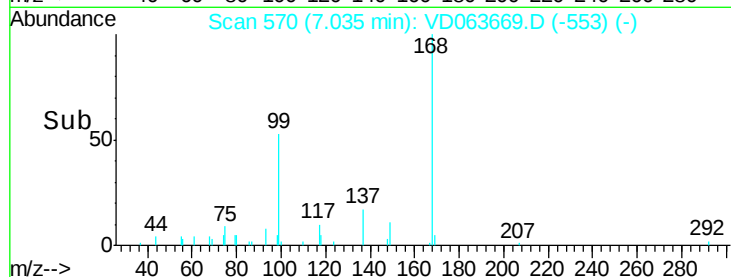
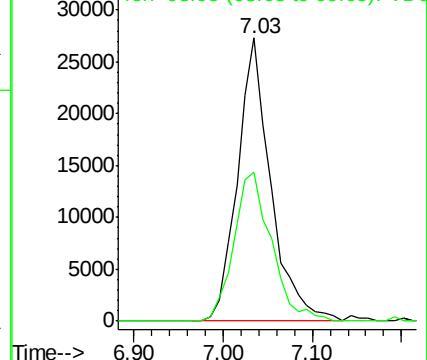
168 100

99 52.8 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 210.751 ug/l

RT: 3.21 min Scan# 181

Delta R.T. -0.03 min

Lab File: VD063669.D

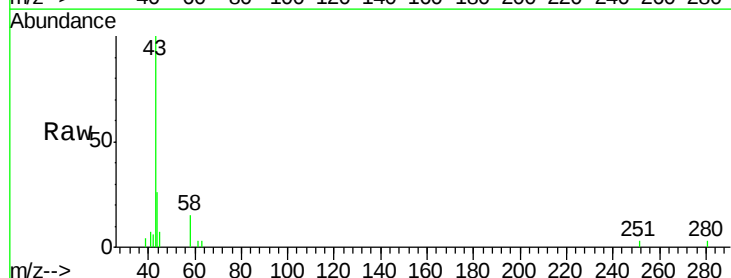
Acq: 19 Aug 2019 20:28

Tgt Ion: 43 Resp: 32481

Ion Ratio Lower Upper

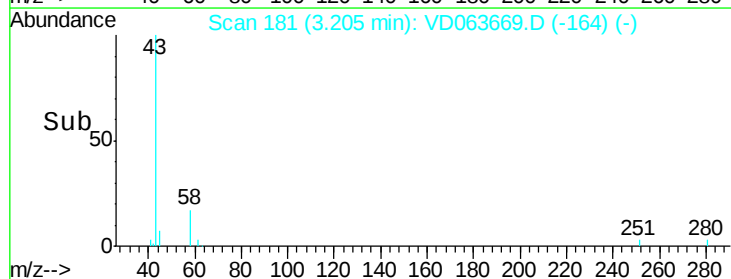
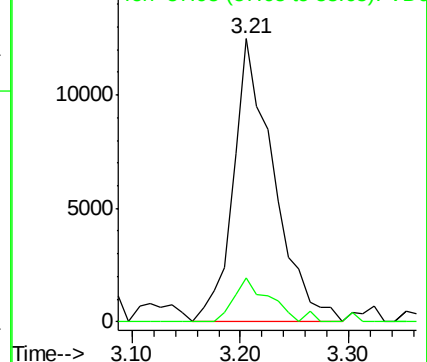
43 100

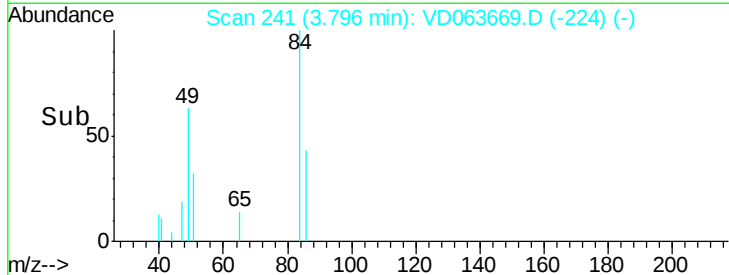
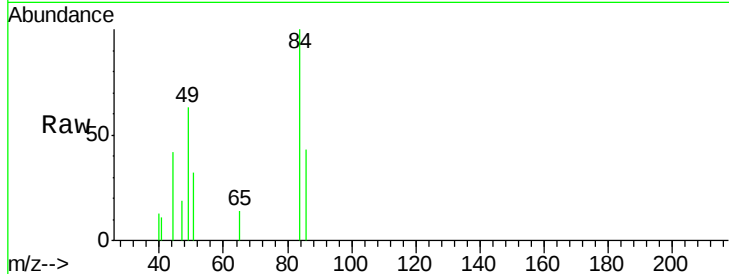
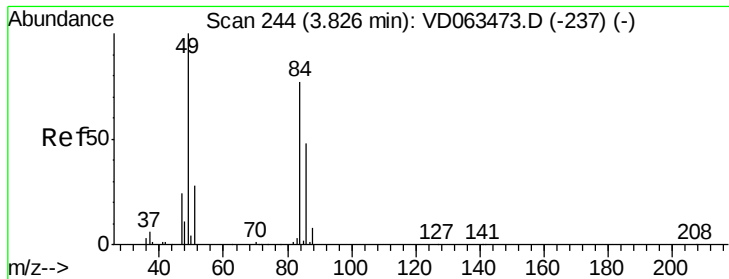
58 15.4 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

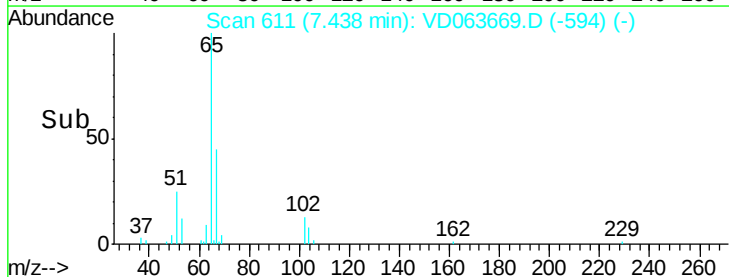
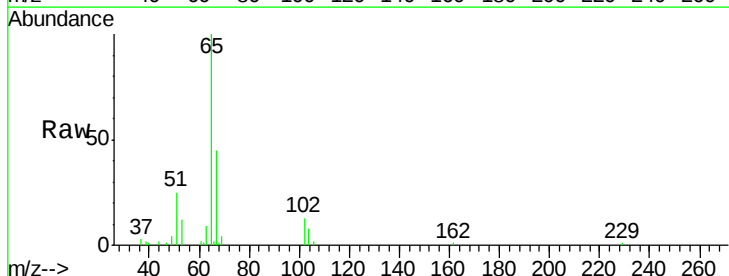
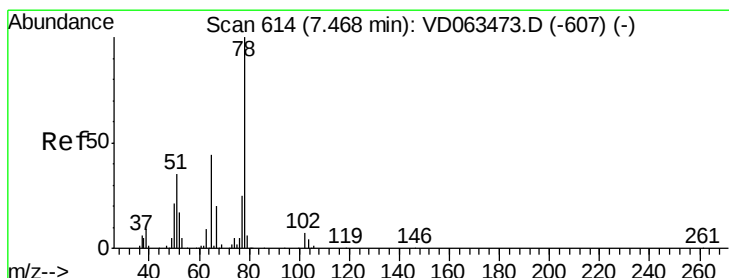
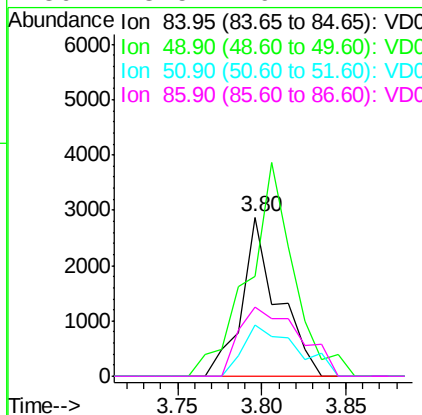




#20
Methvlene Chloride
Concen: 6.428 ug/l
RT: 3.80 min Scan# 241
Delta R.T. -0.03 min
Lab File: VD063669.D
Acq: 19 Aug 2019 20:28

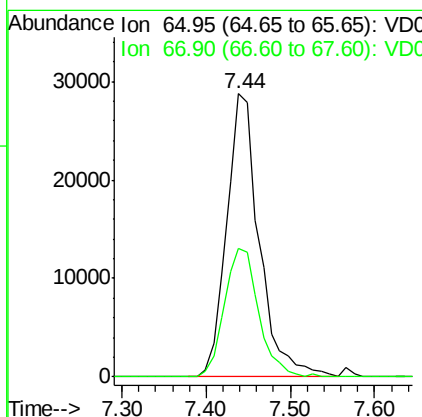
Instrument :
MSVOA_D
ClientSampleId :
T8-A4-(0)RE

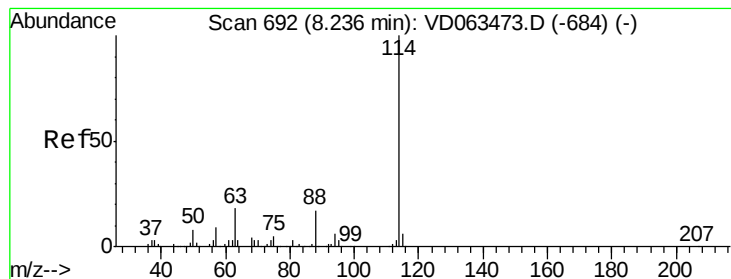
Tot Ion: 84 Resp: 4284
Ion Ratio Lower Upper
84 100
49 63.0 103.4 155.2#
51 31.9 28.5 42.7
86 43.5 49.4 74.2#



#33
1,2-Dichloroethane-d4
Concen: 102.290 ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.03 min
Lab File: VD063669.D
Acq: 19 Aug 2019 20:28

Tgt Ion: 65 Resp: 77553
Ion Ratio Lower Upper
65 100
67 45.2 0.0 89.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.03 min

Lab File: VD063669.D

Acq: 19 Aug 2019 20:28

Instrument :

MSVOA_D

ClientSampleId :

T8-A4-(0)RE

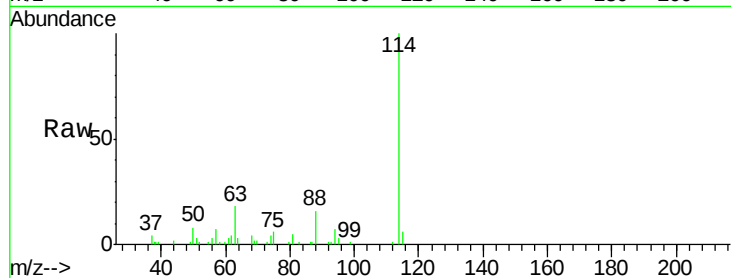
Tot Ion:114 Resp: 122682

Ion Ratio Lower Upper

114 100

63 18.4 0.0 36.2

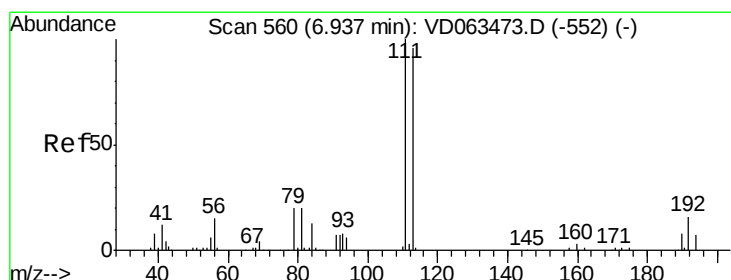
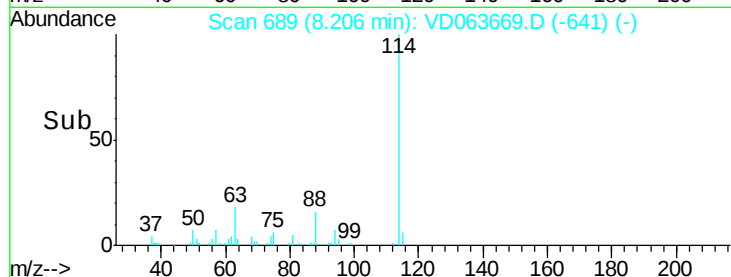
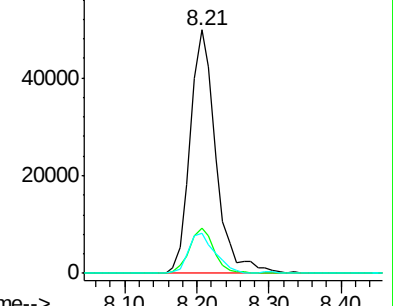
88 16.5 0.0 35.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 62.770 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD063669.D

Acq: 19 Aug 2019 20:28

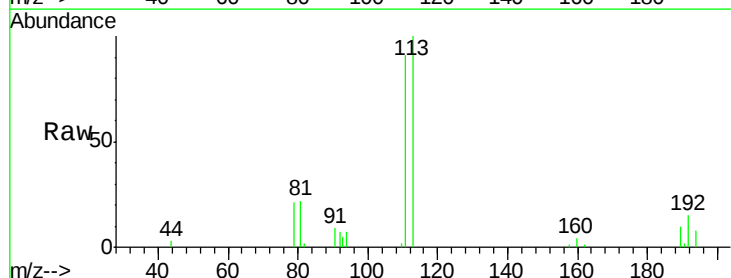
Tgt Ion:113 Resp: 64856

Ion Ratio Lower Upper

113 100

111 91.3 83.1 124.7

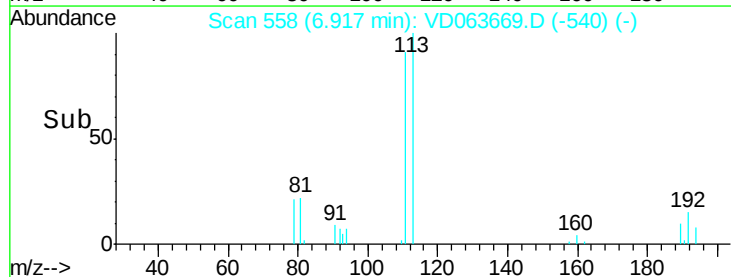
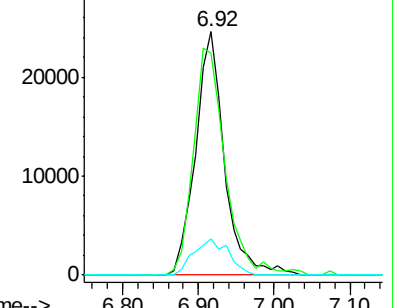
192 14.7 13.1 19.7

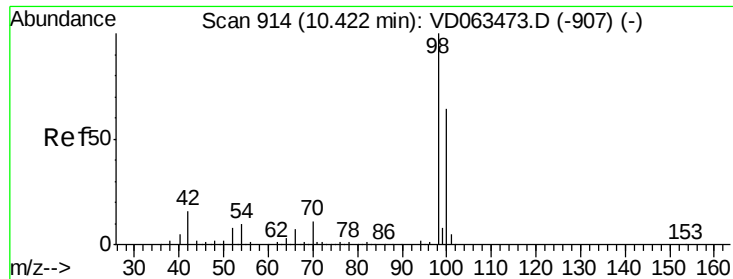


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

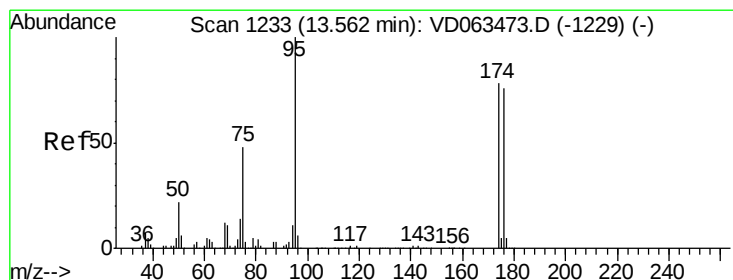
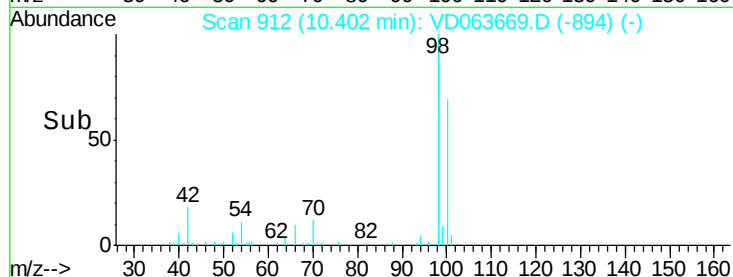
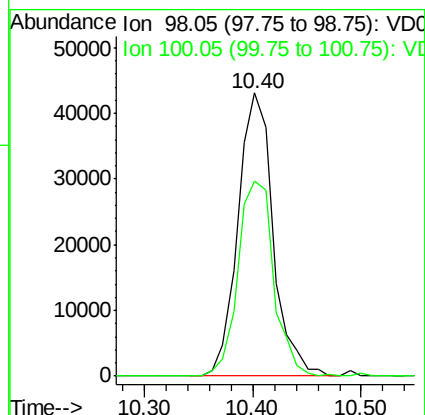
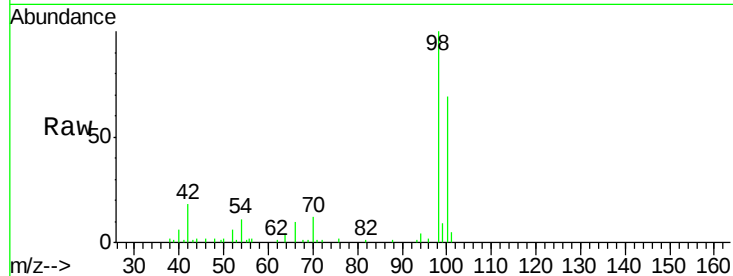




#50
Toluene-d8
Concen: 42.736 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.02 min
Lab File: VD063669.D
Acq: 19 Aug 2019 20:28

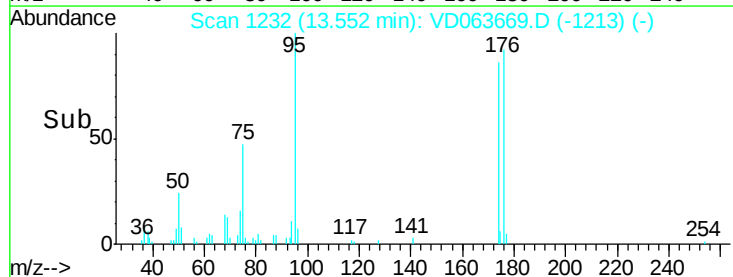
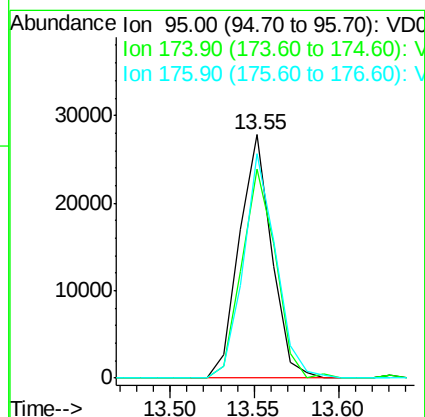
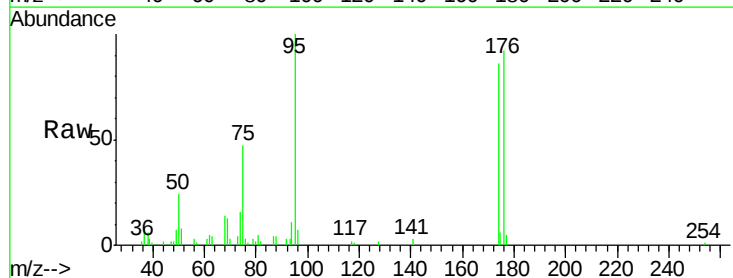
Instrument :
MSVOA_D
ClientSampleId :
T8-A4(0)RE

Tot Ion: 98 Resp: 97079
Ion Ratio Lower Upper
98 100
100 69.0 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 35.971 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063669.D
Acq: 19 Aug 2019 20:28

Tgt Ion: 95 Resp: 37035
Ion Ratio Lower Upper
95 100
174 86.0 0.0 155.4
176 92.4 0.0 152.4

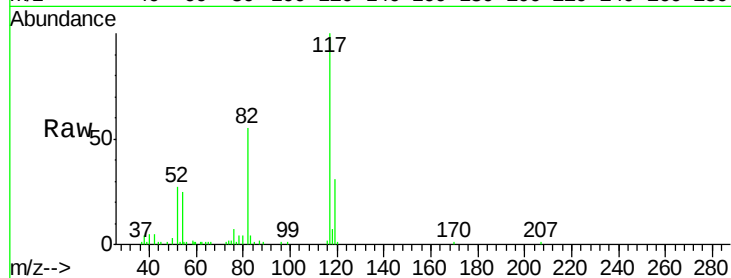




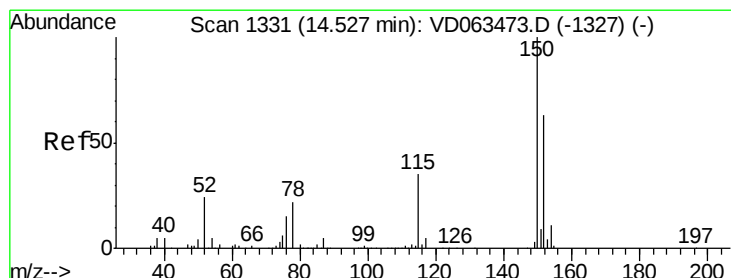
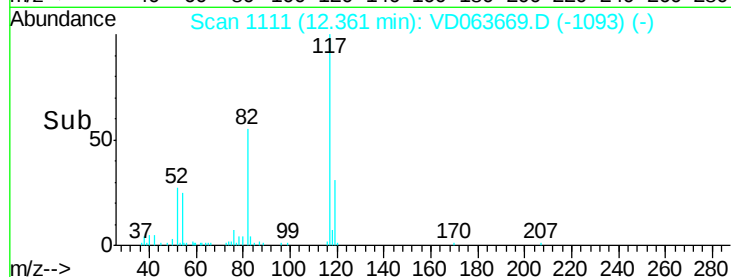
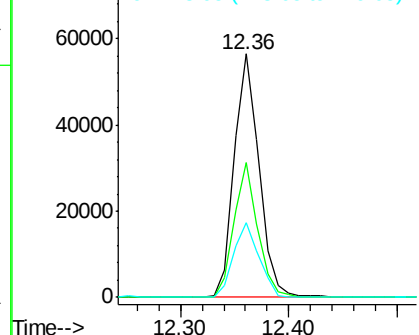
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063669.D
Acq: 19 Aug 2019 20:28

Instrument :
MSVOA_D
ClientSampleId :
T8-A4-(0)RE

Tot Ion:117 Resp: 90392
Ion Ratio Lower Upper
117 100
82 55.2 42.0 63.0
119 30.8 25.4 38.0

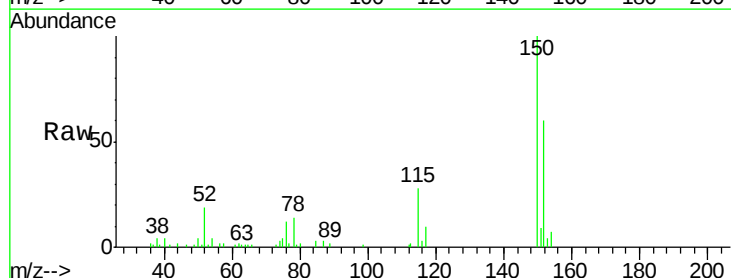


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD063669.D
Acq: 19 Aug 2019 20:28

Tgt Ion:152 Resp: 33465
Ion Ratio Lower Upper
152 100
115 47.1 30.9 92.7
150 167.9 0.0 318.6



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

