

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081619\
 Data File : VD063647.D
 Acq On : 16 Aug 2019 19:25
 Operator : JC/SY
 Sample : K4391-02
 Misc : 5.10g/5ml/MSVOA D/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 N-WALL-2

Quant Time: Aug 17 07:17:29 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

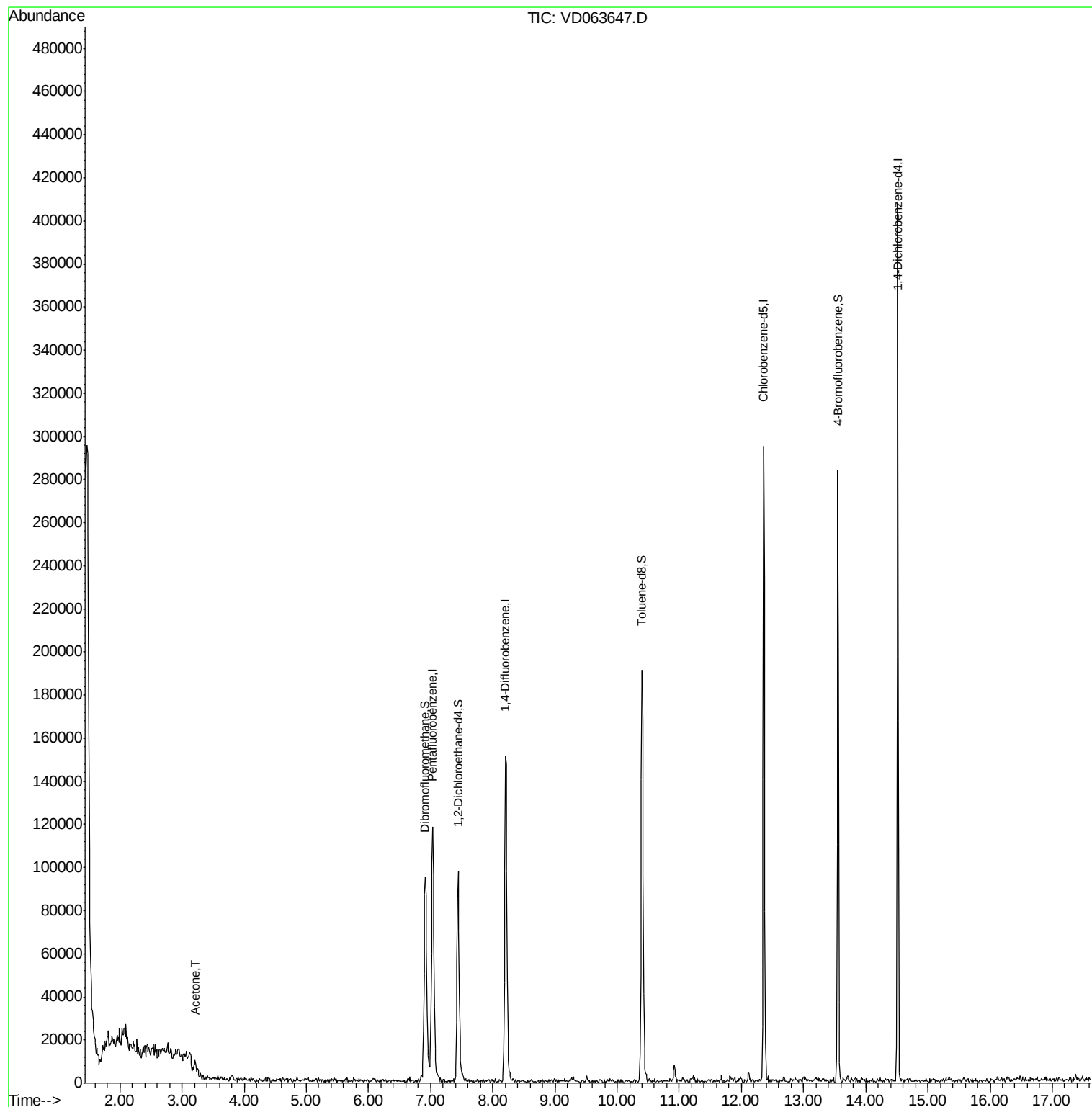
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	108264	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.21	114	160650	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.36	117	153901	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	77543	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	102006	88.14	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	176.28%	
35) Dibromofluoromethane	6.91	113	86166	63.68	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	127.36%	
50) Toluene-d8	10.40	98	154043	51.79	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	103.58%	
62) 4-Bromofluorobenzene	13.55	95	75134	55.73	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	111.46%	
Target Compounds						
16) Acetone	3.22	43	11545	49.076	ug/l #	Qvalue 85

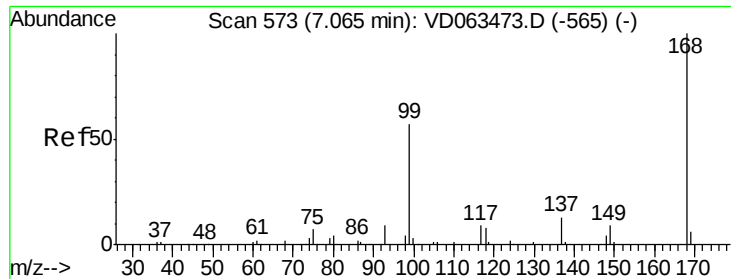
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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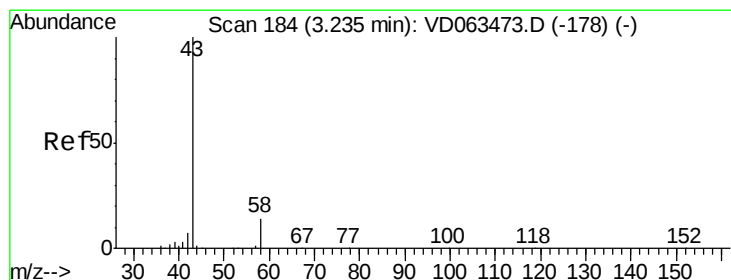
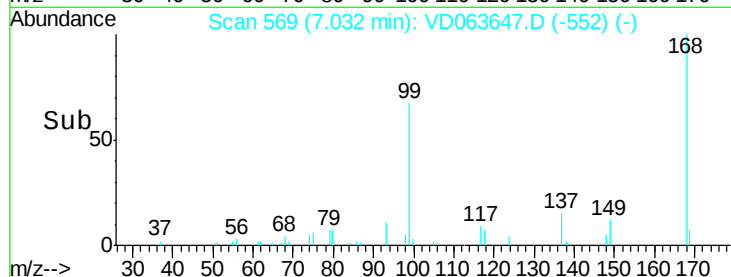
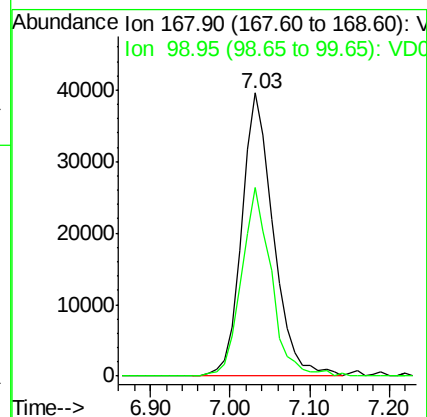
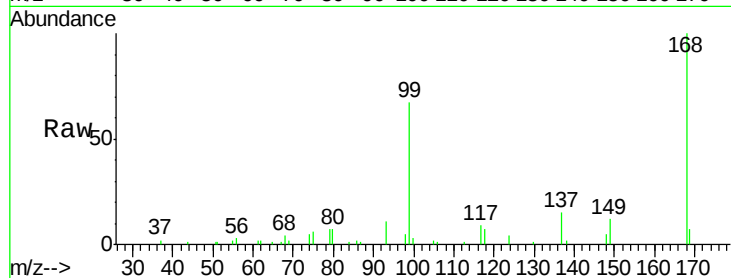




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.03 min Scan# 569
Delta R.T. -0.03 min
Lab File: VD063647.D
Acq: 16 Aug 2019 19:25

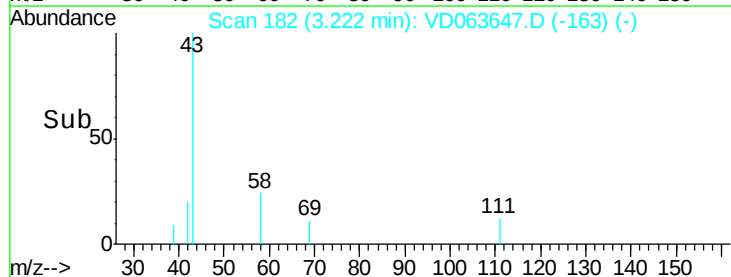
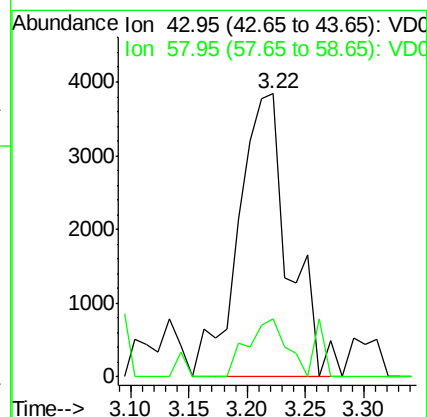
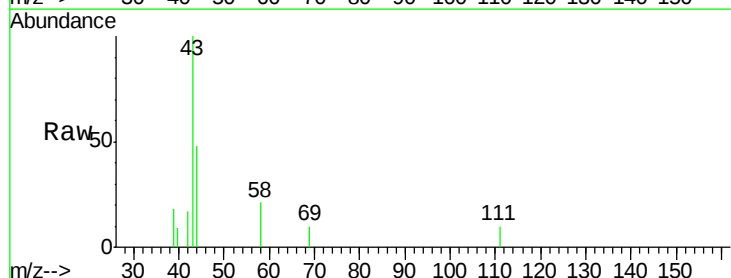
Instrument :
MSVOA_D
ClientSampleId :
N-WALL-2

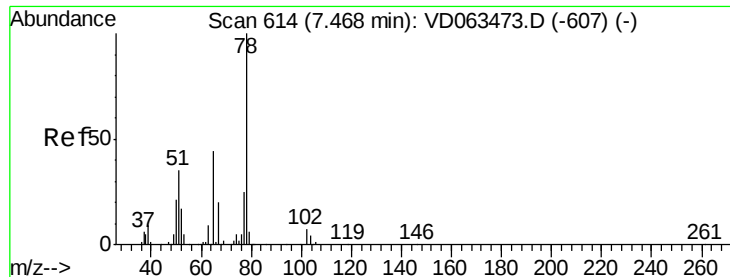
Tot Ion:168 Resp: 108264
Ion Ratio Lower Upper
168 100
99 66.8 46.7 70.1



#16
Acetone
Concen: 49.076 ug/l
RT: 3.22 min Scan# 182
Delta R.T. -0.01 min
Lab File: VD063647.D
Acq: 16 Aug 2019 19:25

Tgt Ion: 43 Resp: 11545
Ion Ratio Lower Upper
43 100
58 20.5 11.4 17.2#





#33

1,2-Dichloroethane-d4

Concen: 88.145 ug/l

RT: 7.45 min Scan# 611

Delta R.T. -0.02 min

Lab File: VD063647.D

Acq: 16 Aug 2019 19:25

Instrument :

MSVOA_D

ClientSampleId :

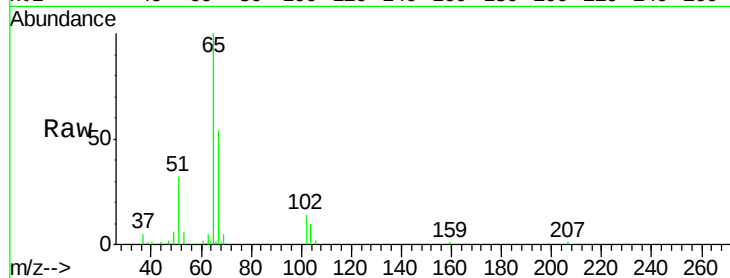
N-WALL-2

Tot Ion: 65 Resp: 102006

Ion Ratio Lower Upper

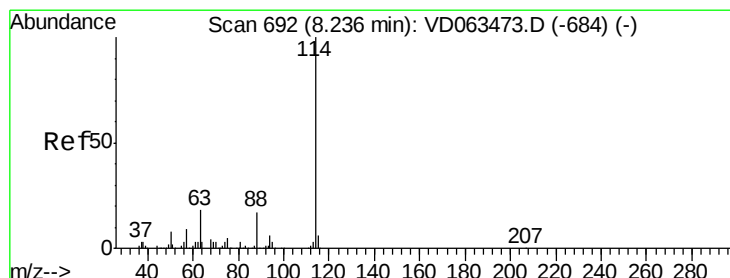
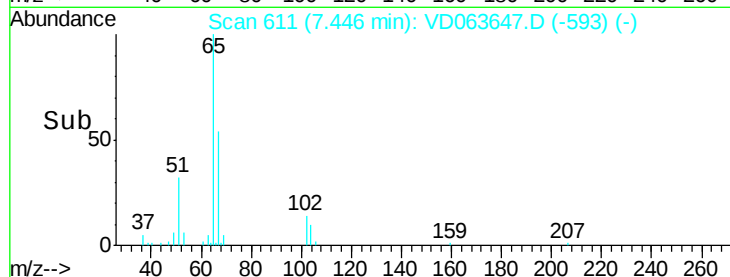
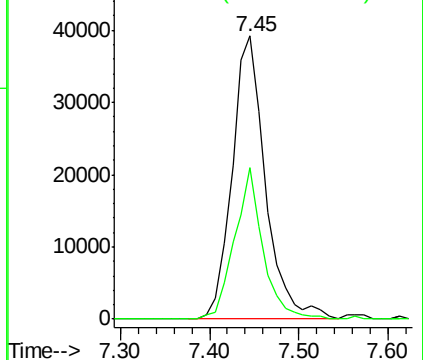
65 100

67 53.6 0.0 89.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.02 min

Lab File: VD063647.D

Acq: 16 Aug 2019 19:25

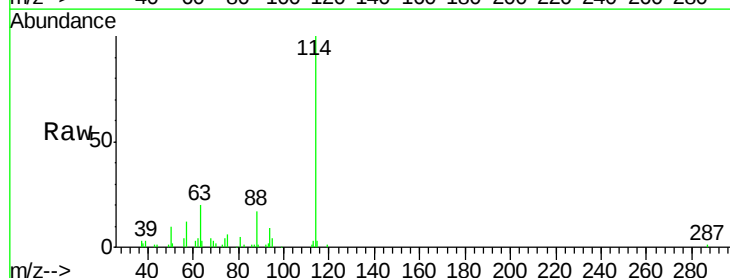
Tgt Ion: 114 Resp: 160650

Ion Ratio Lower Upper

114 100

63 20.5 0.0 36.2

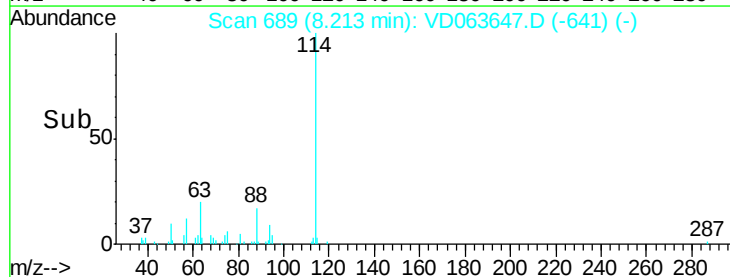
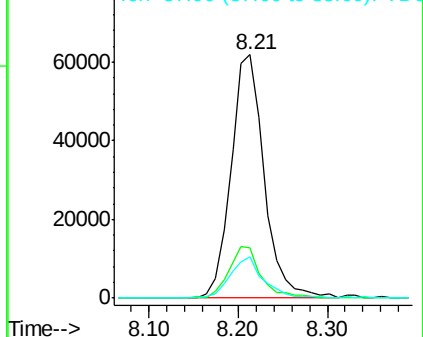
88 16.9 0.0 35.0

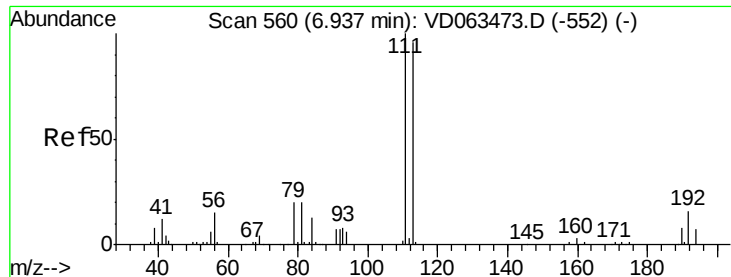


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 63.685 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.02 min

Lab File: VD063647.D

Acq: 16 Aug 2019 19:25

Instrument :

MSVOA_D

ClientSampleId :

N-WALL-2

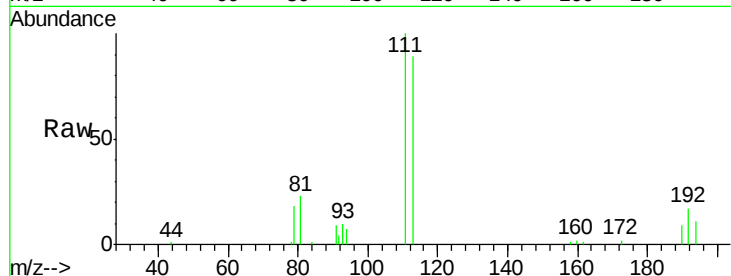
Tot Ion:113 Resp: 86166

Ion Ratio Lower Upper

113 100

111 112.0 83.1 124.7

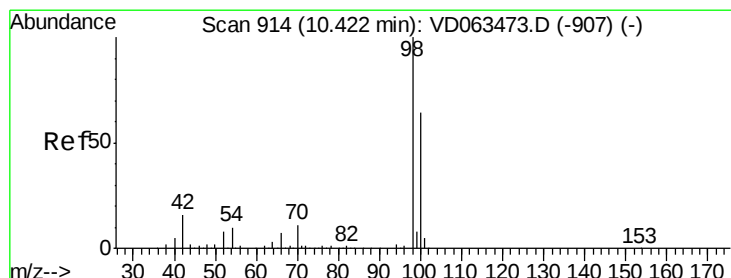
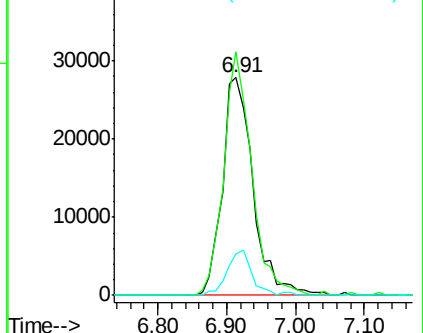
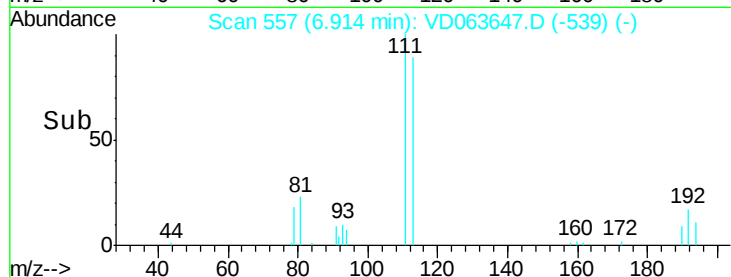
192 18.8 13.1 19.7



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: 51.785 ug/l

RT: 10.40 min Scan# 911

Delta R.T. -0.02 min

Lab File: VD063647.D

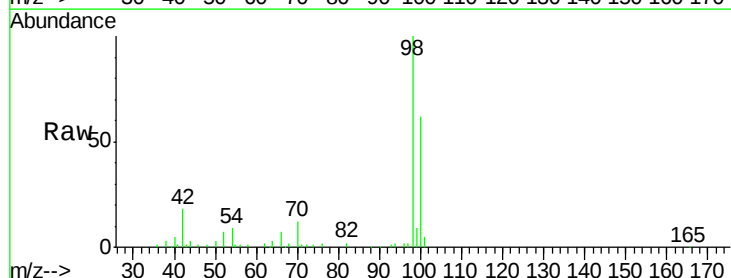
Acq: 16 Aug 2019 19:25

Tgt Ion: 98 Resp: 154043

Ion Ratio Lower Upper

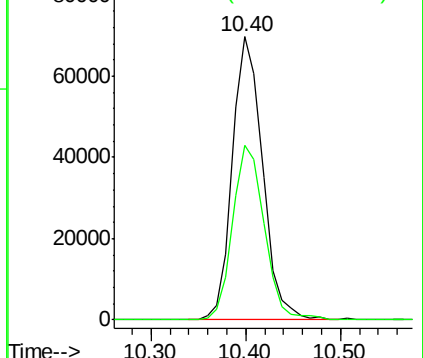
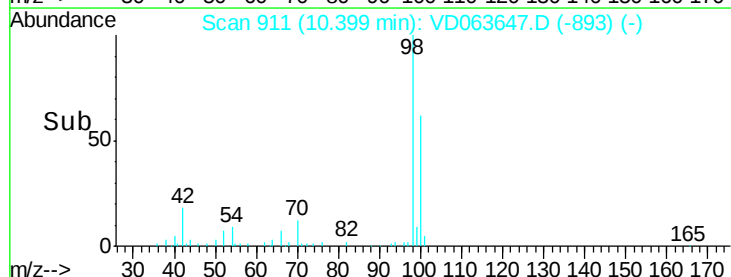
98 100

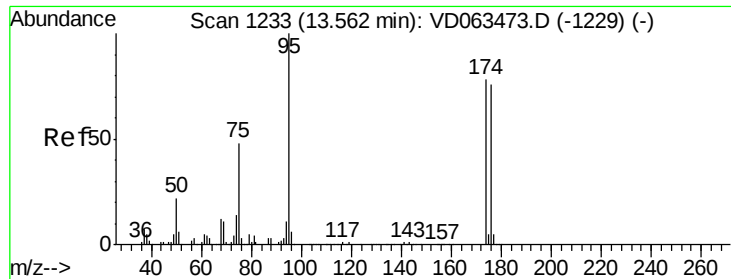
100 61.9 51.7 77.5



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: 55.728 ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD063647.D

Acq: 16 Aug 2019 19:25

Instrument :

MSVOA_D

ClientSampleId :

N-WALL-2

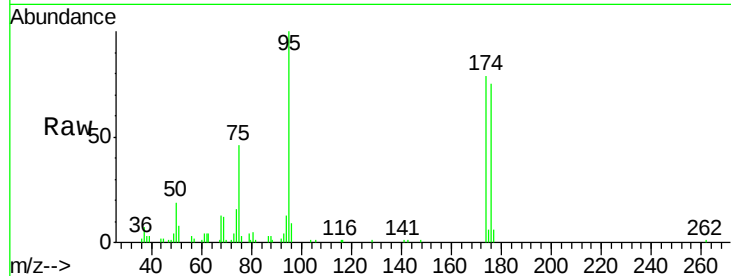
Tot Ion: 95 Resp: 75134

Ion Ratio Lower Upper

95 100

174 78.7 0.0 155.4

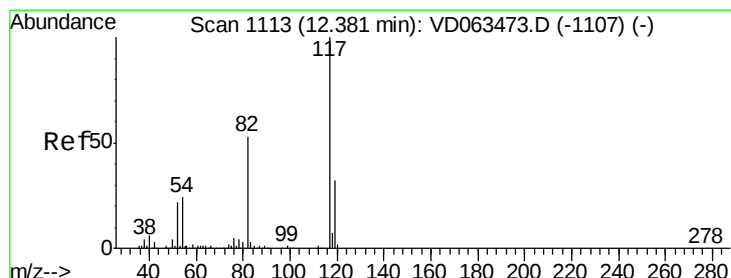
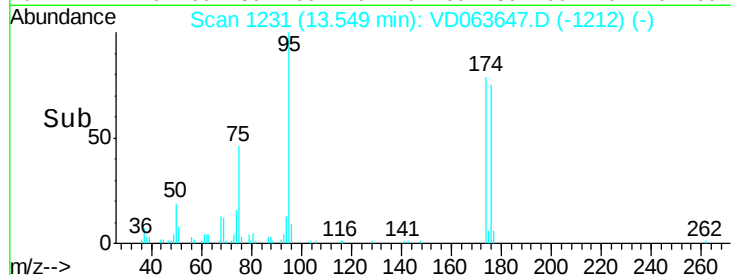
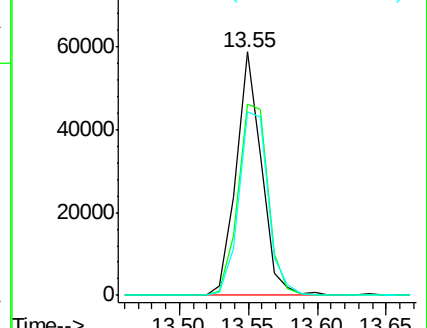
176 75.3 0.0 152.4



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: 12.36 min Scan# 1110

Delta R.T. -0.02 min

Lab File: VD063647.D

Acq: 16 Aug 2019 19:25

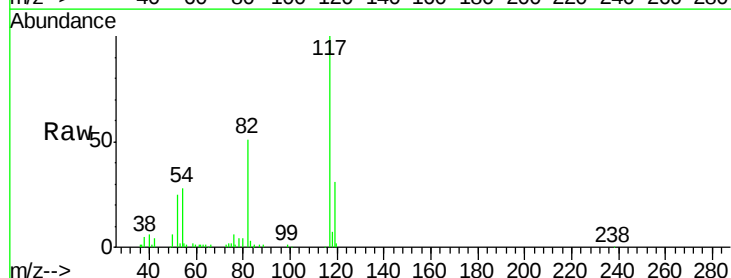
Tgt Ion: 117 Resp: 153901

Ion Ratio Lower Upper

117 100

82 51.4 42.0 63.0

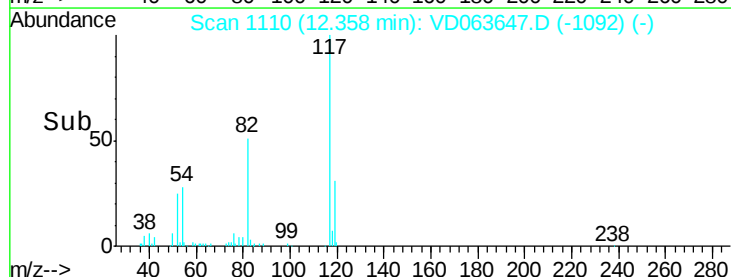
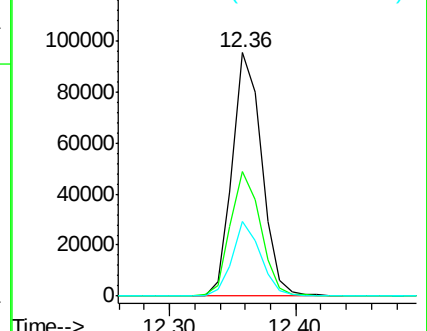
119 30.5 25.4 38.0

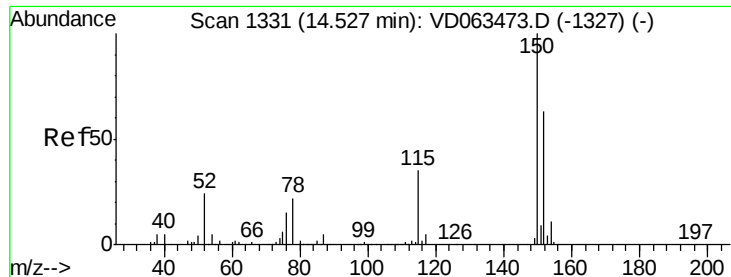


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.51 min Scan# 1329

Delta R.T. -0.01 min

Lab File: VD063647.D

Acq: 16 Aug 2019 19:25

Instrument :

MSVOA_D

ClientSampleId :

N-WALL-2

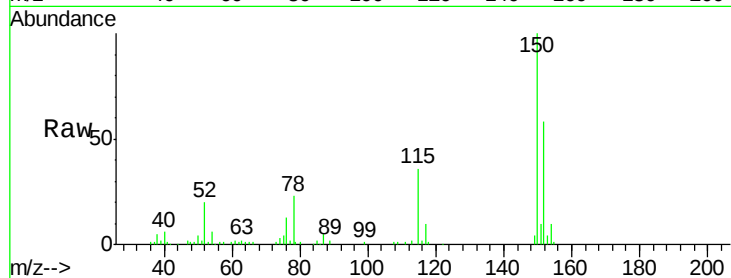
Tot Ion:152 Resp: 77543

Ion Ratio Lower Upper

152 100

115 61.7 30.9 92.7

150 172.4 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

