

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081419\
 Data File : VD063576.D
 Acq On : 14 Aug 2019 16:16
 Operator : JC/SY
 Sample : K4340-01
 Misc : 8.29g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LS-SAMPLE-1

Quant Time: Aug 15 12:35:13 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

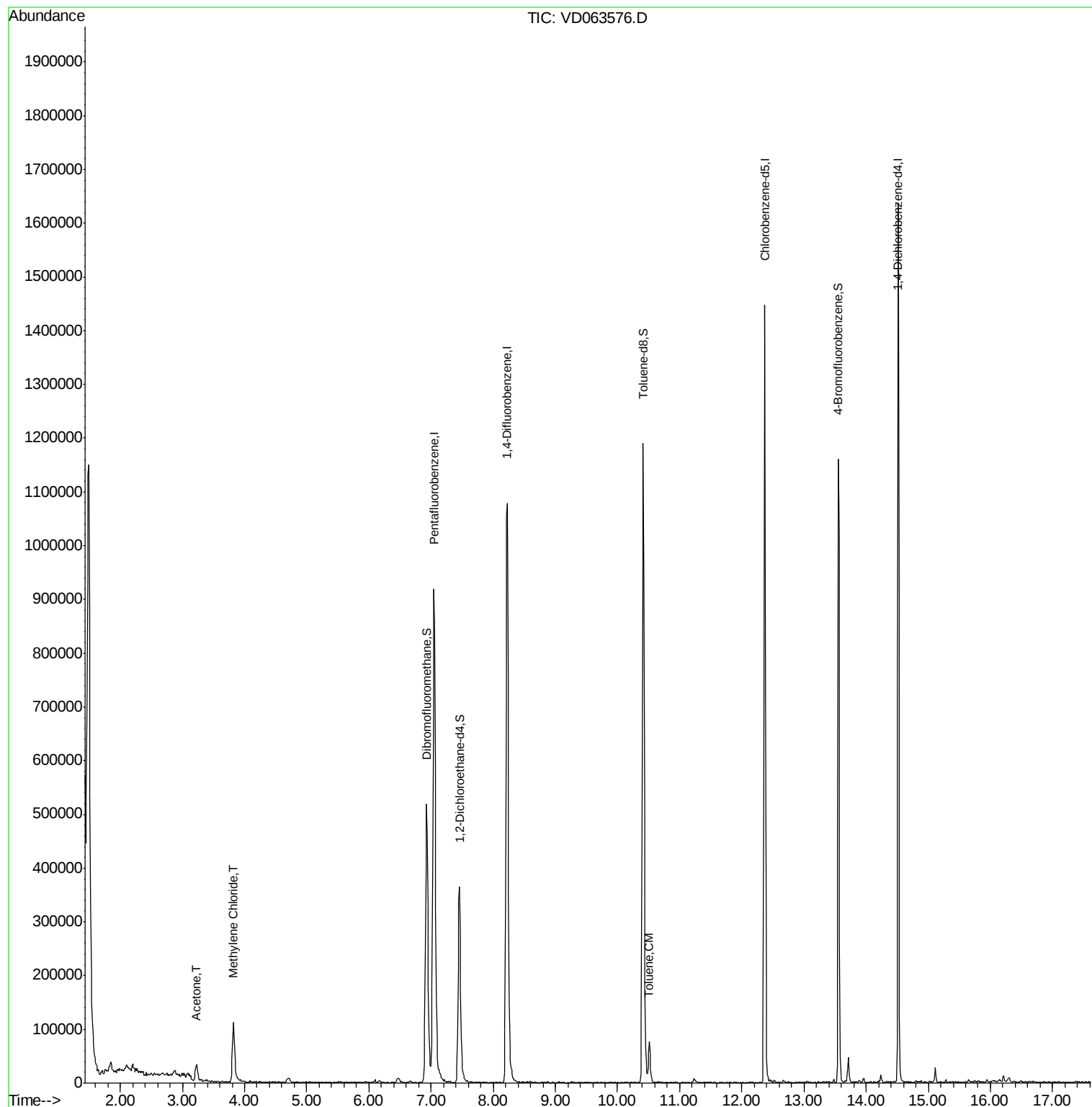
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	884625	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.23	114	1226706	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	857465	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	345557	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	412746	43.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.30%	
35) Dibromofluoromethane	6.93	113	462055	44.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.44%	
50) Toluene-d8	10.41	98	995984	43.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.70%	
62) 4-Bromofluorobenzene	13.55	95	344865	33.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	67.00%	
Target Compounds						
16) Acetone	3.23	43	69405	36.107	ug/l	93
20) Methylene Chloride	3.83	84	72880	8.768	ug/l	96
52) Toluene	10.51	92	31382	2.042	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.02 min

Lab File: VD063576.D

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Instrument :

MSVOA_D

ClientSampleId :

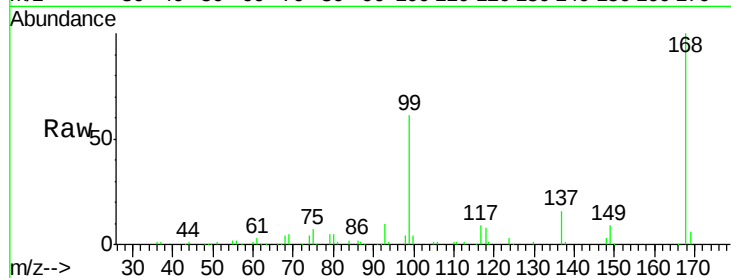
LS-SAMPLE-1

Tot Ion:168 Resp: 884625

Ion Ratio Lower Upper

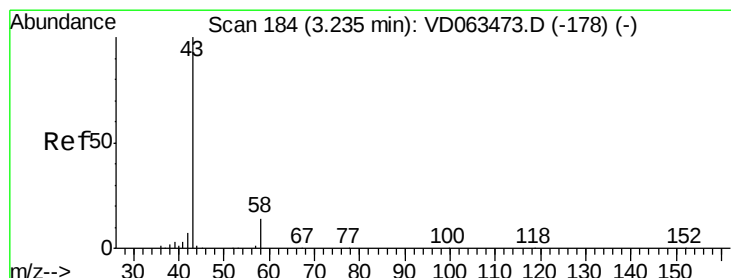
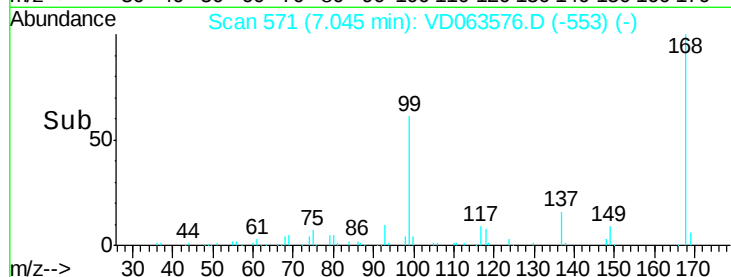
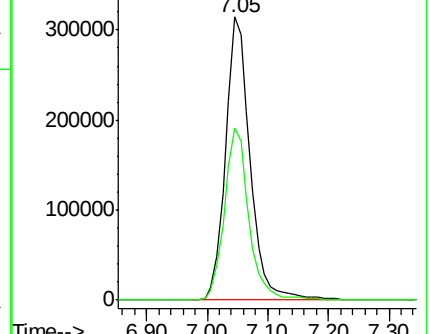
168 100

99 60.8 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: 36.107 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.01 min

Lab File: VD063576.D

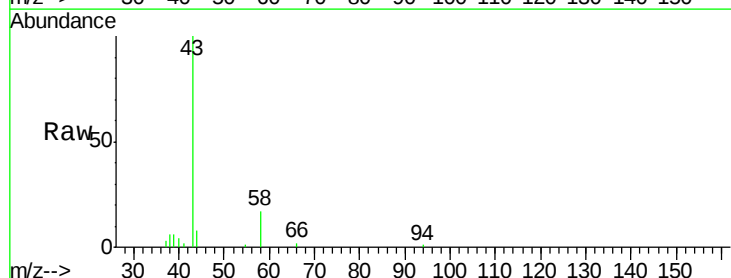
Acq: 14 Aug 2019 16:16

Tgt Ion: 43 Resp: 69405

Ion Ratio Lower Upper

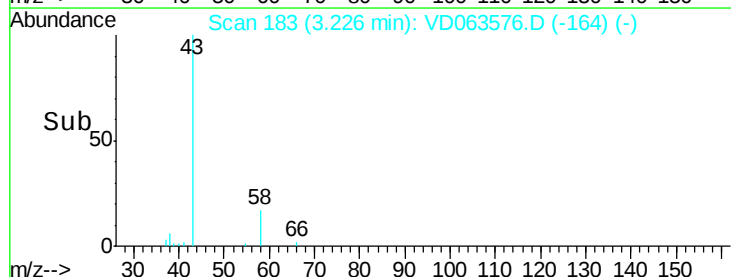
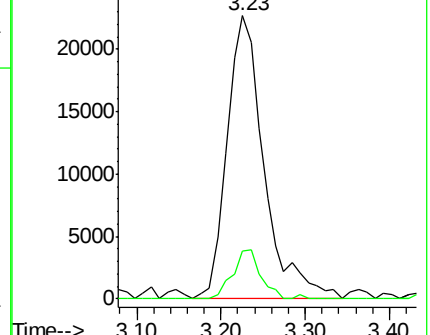
43 100

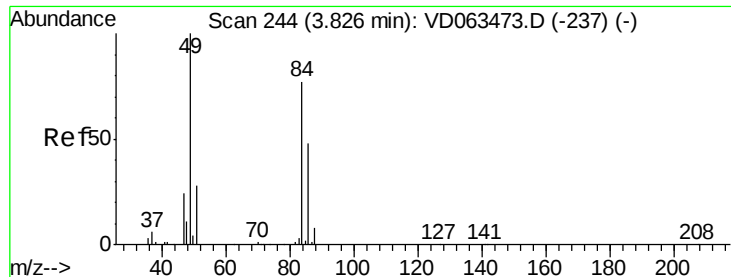
58 17.0 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

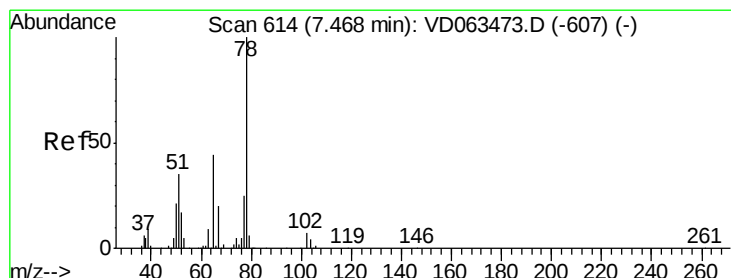
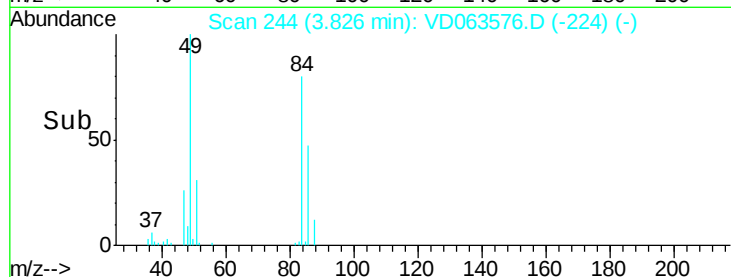
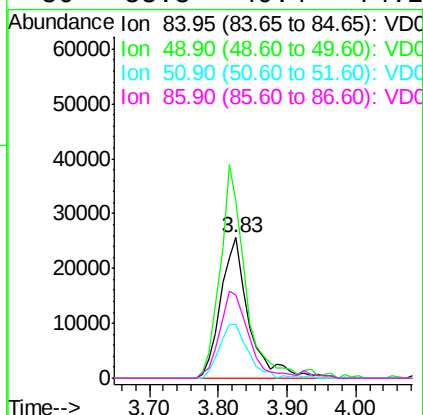
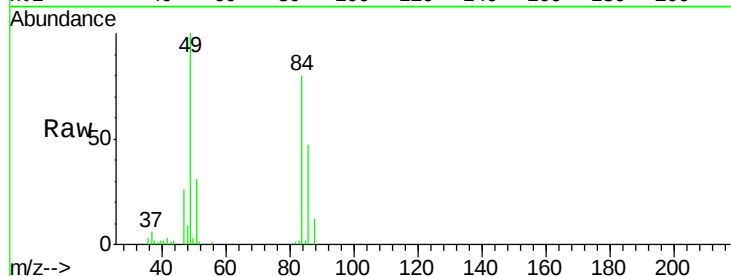




#20
Methylene Chloride
Concen: 8.768 ug/l
RT: 3.83 min Scan# 244
Delta R.T. -0.00 min
Lab File: VD063576.D
Acq: 14 Aug 2019 16:16

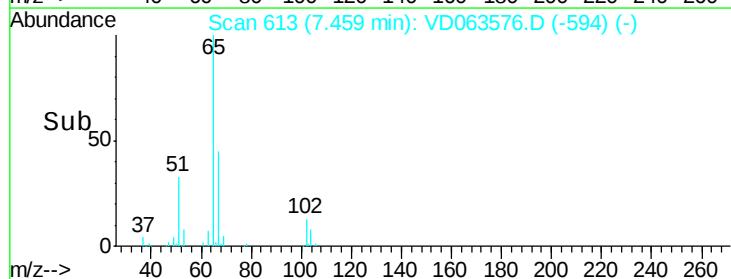
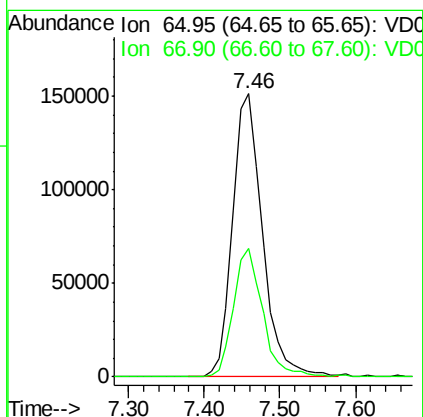
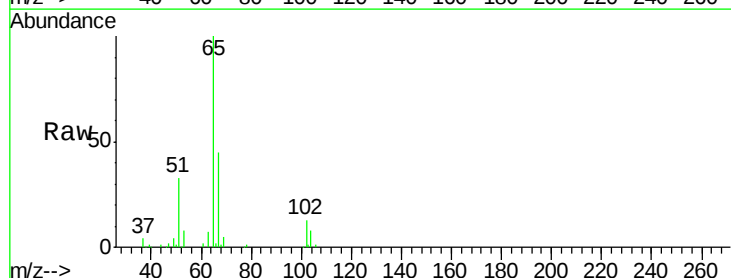
Instrument :
MSVOA_D
ClientSampleId :
LS-SAMPLE-1

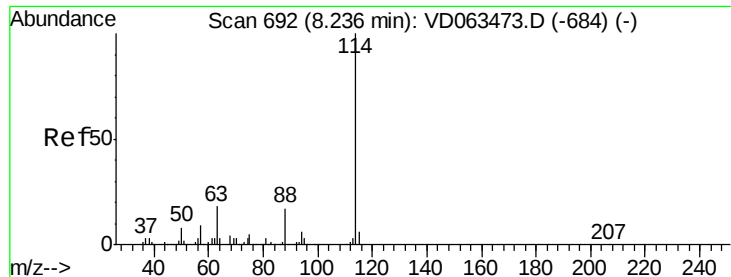
Tot Ion:	84	Resp:	72880
Ion	Ratio	Lower	Upper
84	100		
49	125.7	103.4	155.2
51	38.6	28.5	42.7
86	58.8	49.4	74.2



#33
1,2-Dichloroethane-d4
Concen: 43.649 ug/l
RT: 7.46 min Scan# 613
Delta R.T. -0.01 min
Lab File: VD063576.D
Acq: 14 Aug 2019 16:16

Tgt Ion:	65	Resp:	412746
Ion	Ratio	Lower	Upper
65	100		
67	45.3	0.0	89.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.23 min Scan# 691

Delta R.T. -0.01 min

Lab File: VD063576.D

Acq: 14 Aug 2019 16:16

Instrument :

MSVOA_D

ClientSampleId :

LS-SAMPLE-1

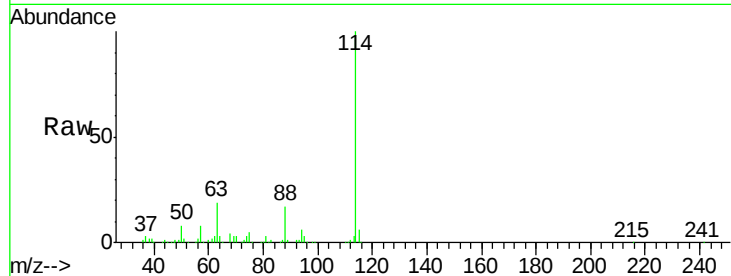
Tot Ion:114 Resp: 1226706

Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.2

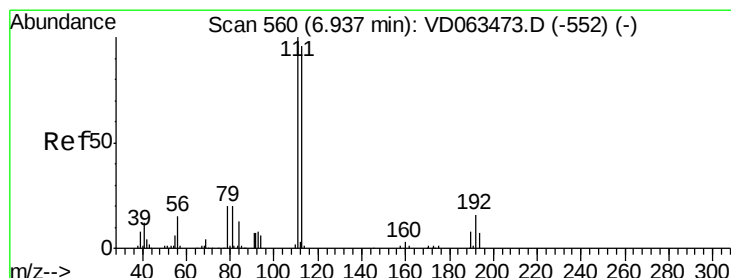
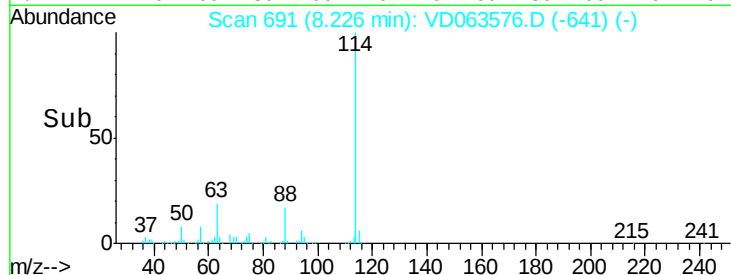
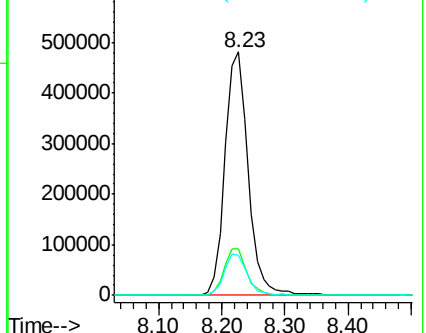
88 16.6 0.0 35.0



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: 44.723 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD063576.D

Acq: 14 Aug 2019 16:16

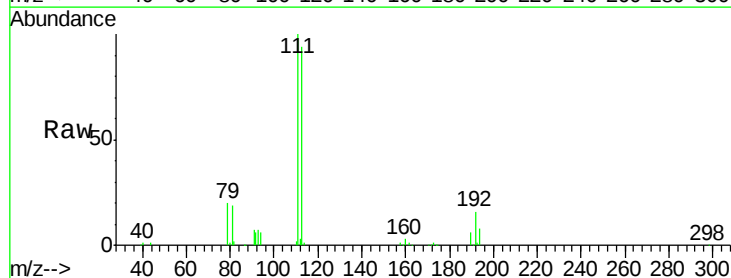
Tgt Ion:113 Resp: 462055

Ion Ratio Lower Upper

113 100

111 106.0 83.1 124.7

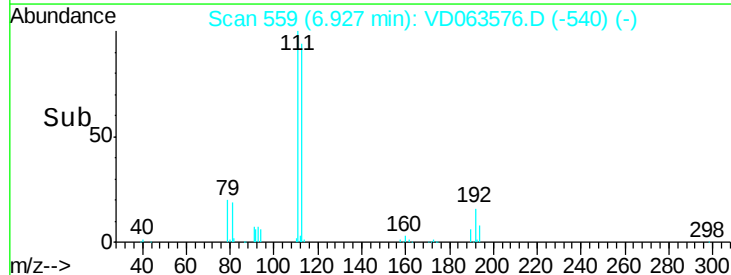
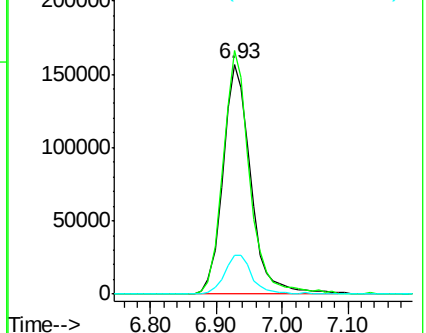
192 17.0 13.1 19.7

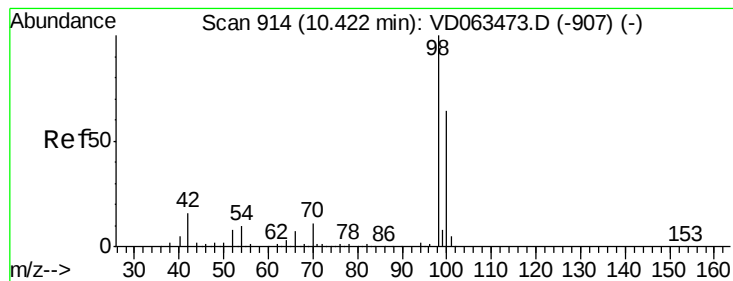


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 43.849 ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.01 min

Lab File: VD063576.D

Acq: 14 Aug 2019 16:16

Instrument :

MSVOA_D

ClientSampleId :

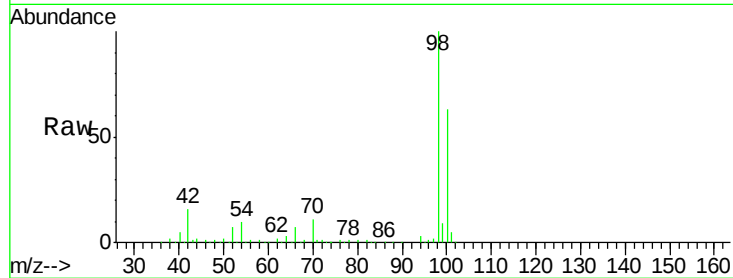
LS-SAMPLE-1

Tot Ion: 98 Resp: 995984

Ion Ratio Lower Upper

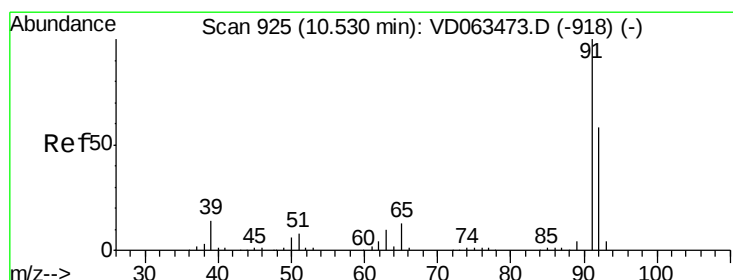
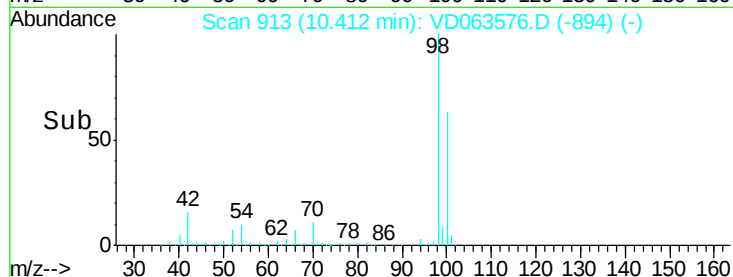
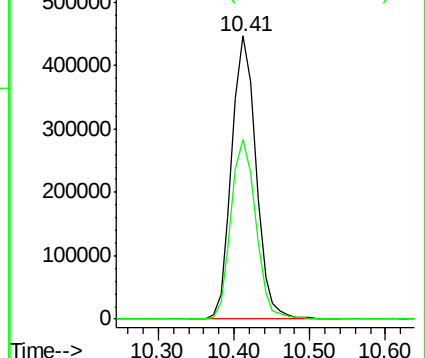
98 100

100 63.4 51.7 77.5



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#52

Toluene

Concen: 2.042 ug/l

RT: 10.51 min Scan# 923

Delta R.T. -0.02 min

Lab File: VD063576.D

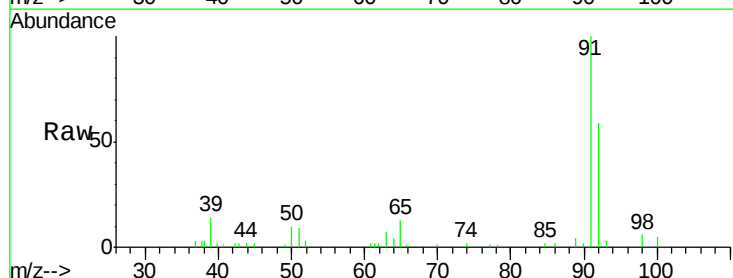
Acq: 14 Aug 2019 16:16

Tgt Ion: 92 Resp: 31382

Ion Ratio Lower Upper

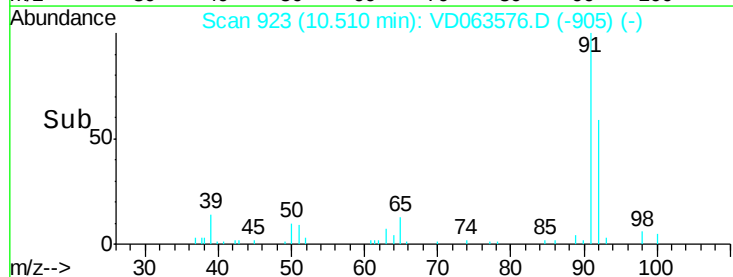
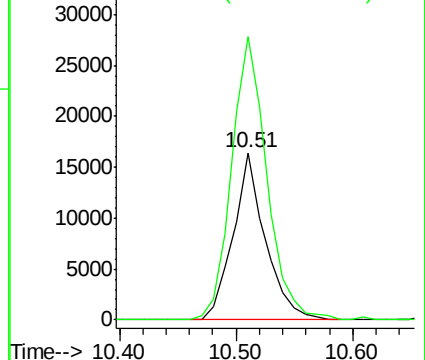
92 100

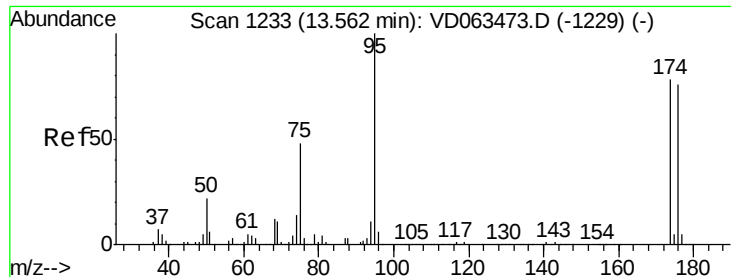
91 169.1 137.9 206.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





#62

4-Bromofluorobenzene

Concen: 33.498 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD063576.D

Acq: 14 Aug 2019 16:16

Instrument :

MSVOA_D

ClientSampleId :

LS-SAMPLE-1

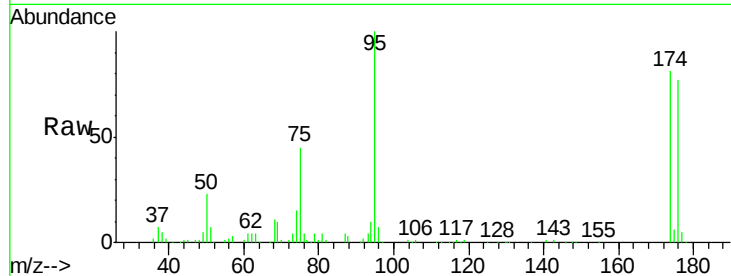
Tot Ion: 95 Resp: 344865

Ion Ratio Lower Upper

95 100

174 80.5 0.0 155.4

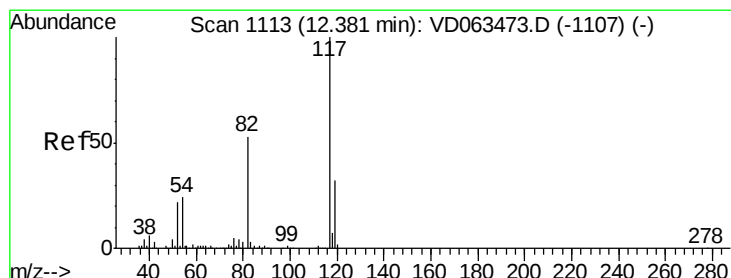
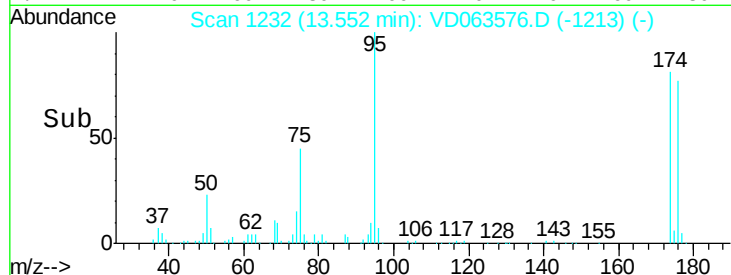
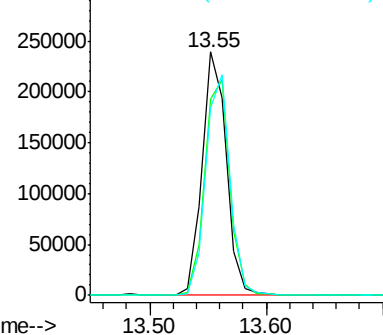
176 77.1 0.0 152.4



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: 12.37 min Scan# 1112

Delta R.T. -0.01 min

Lab File: VD063576.D

Acq: 14 Aug 2019 16:16

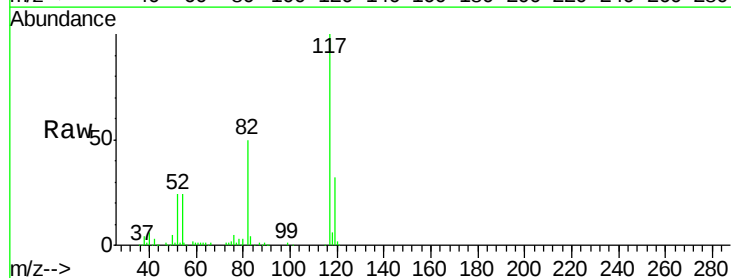
Tgt Ion: 117 Resp: 857465

Ion Ratio Lower Upper

117 100

82 50.1 42.0 63.0

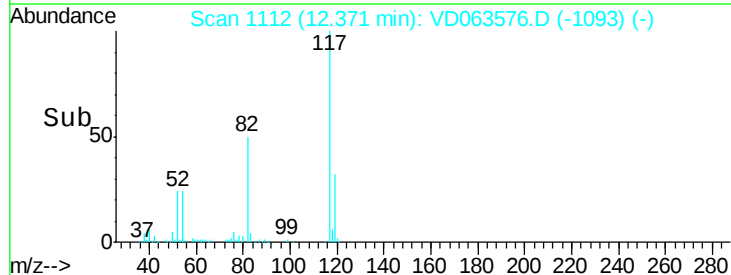
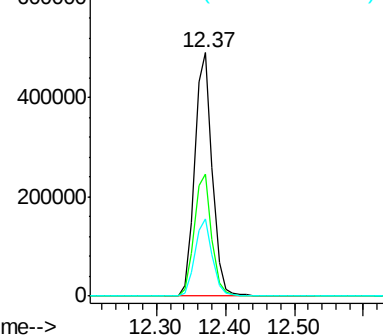
119 31.9 25.4 38.0

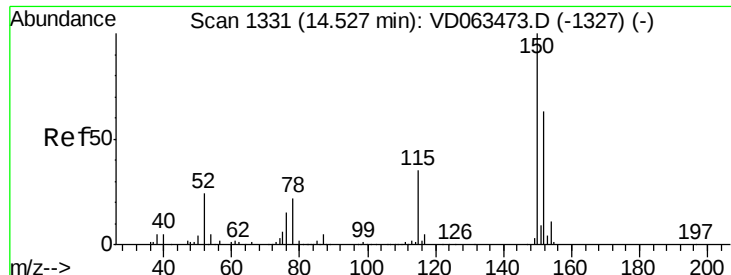


Abundance Ion 116.95 (116.65 to 117.65): V

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: VD063576.D

Acq: 14 Aug 2019 16:16

Instrument :

MSVOA_D

ClientSampleId :

LS-SAMPLE-1

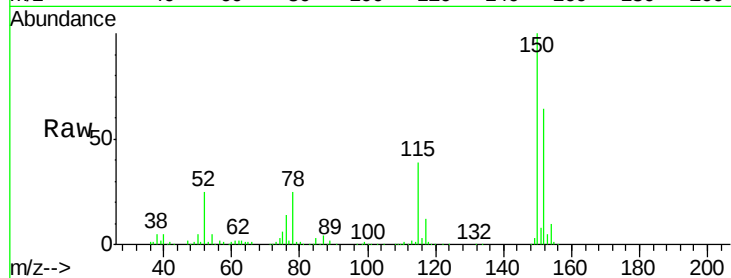
Tot Ion:152 Resp: 345557

Ion Ratio Lower Upper

152 100

115 61.5 30.9 92.7

150 156.0 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

