

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082219\
 Data File : VD063747.D
 Acq On : 22 Aug 2019 21:33
 Operator : JC/SY
 Sample : K4491-01
 Misc : 6.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TS-1V

Quant Time: Aug 23 07:42:02 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

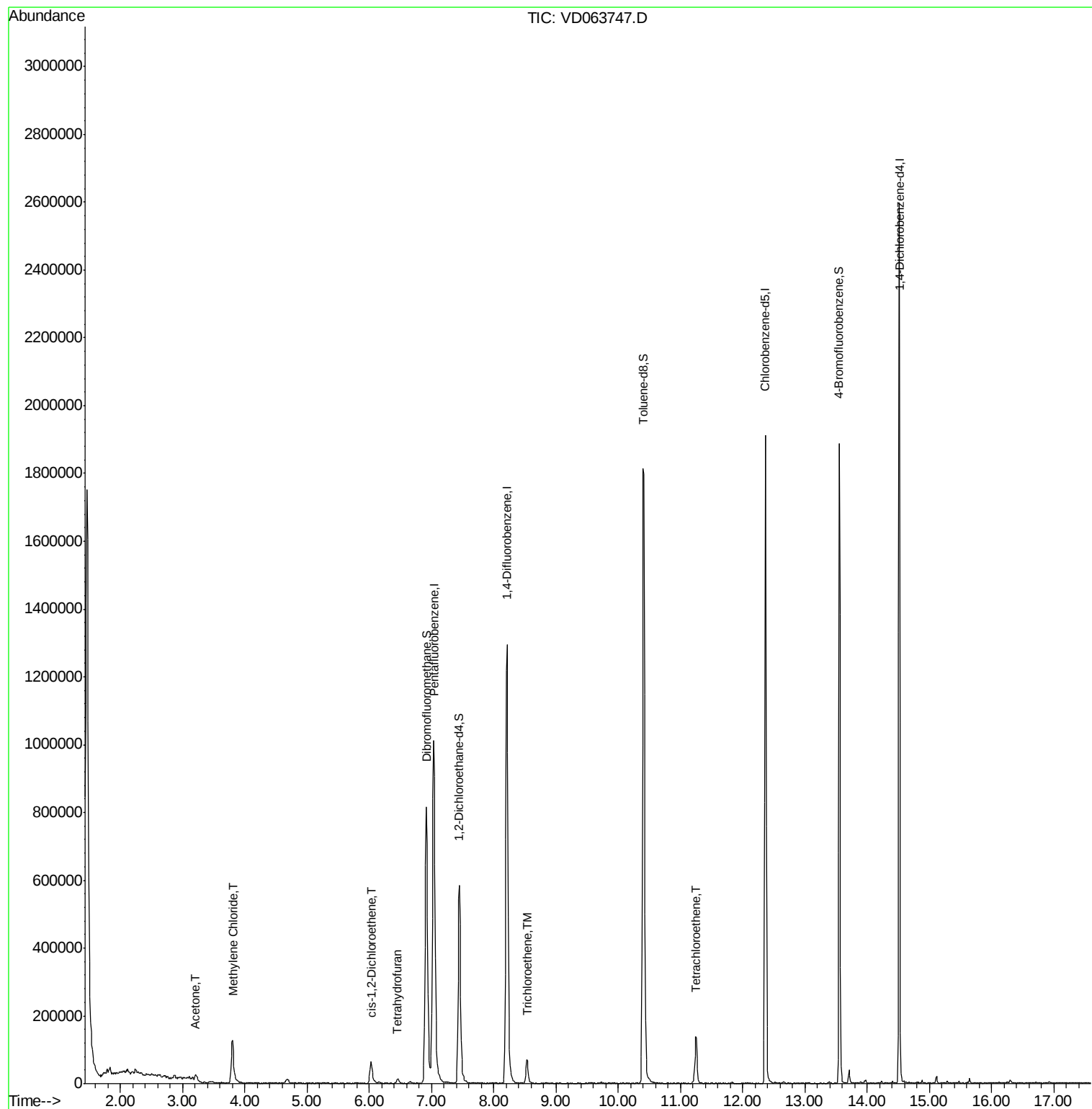
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	1036587	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.22	114	1459525	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	1135947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	541694	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	642992	58.03	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	116.06%	
35) Dibromofluoromethane	6.92	113	729977	59.39	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	118.78%	
50) Toluene-d8	10.41	98	1548261	57.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.58%	
62) 4-Bromofluorobenzene	13.55	95	529385	43.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.44%	
Target Compounds						
16) Acetone	3.22	43	48920	21.719	ug/l	99
20) Methylene Chloride	3.81	84	83798	8.604	ug/l	93
27) cis-1,2-Dichloroethene	6.03	96	39568	4.103	ug/l	79
29) Tetrahydrofuran	6.46	42	10160	9.801	ug/l	95
44) Trichloroethene	8.54	130	31257	2.880	ug/l	92
64) Tetrachloroethene	11.26	164	38901	4.436	ug/l	92

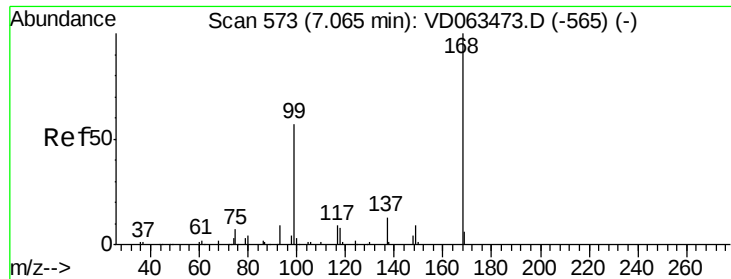
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082219\
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MSVOA_D
ClientSampleId :
TS-1V

Quant Time: Aug 23 07:42:02 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
Quant Title : SW846 8260
QLast Update : Sat Aug 10 06:42:47 2019
Response via : Initial Calibration





#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 7.04 min Scan# 570
 Delta R.T. -0.03 min
 Lab File: VD063747.D
 Acq: 22 Aug 2019 21:33

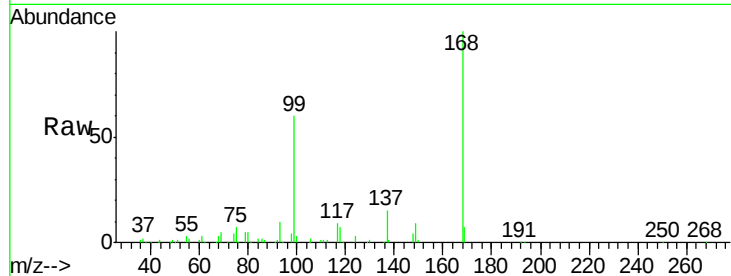
Instrument :
 MSVOA_D
 ClientSampleId :
 TS-1V

Tot Ion:168 Resp: 1036587

Ion Ratio Lower Upper

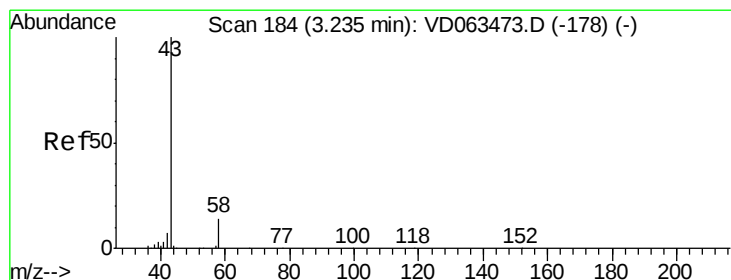
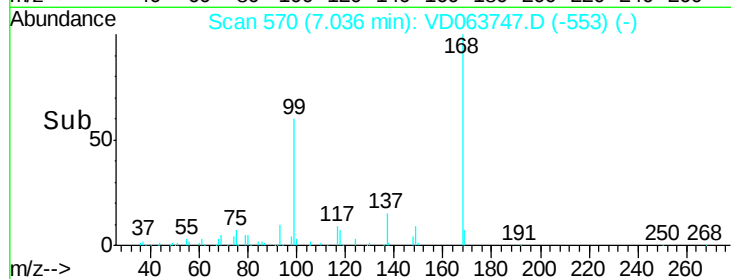
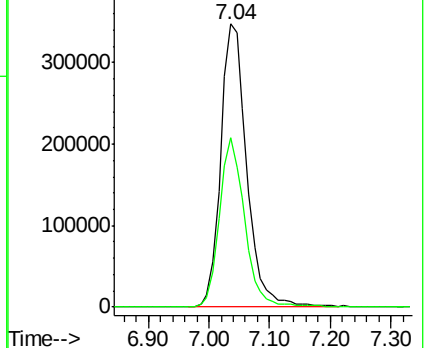
168 100

99 59.9 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

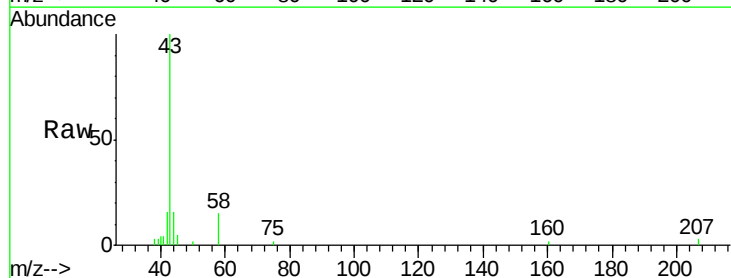
Acetone
 Concen: 21.719 ug/l
 RT: 3.22 min Scan# 182
 Delta R.T. -0.02 min
 Lab File: VD063747.D
 Acq: 22 Aug 2019 21:33

Tgt Ion: 43 Resp: 48920

Ion Ratio Lower Upper

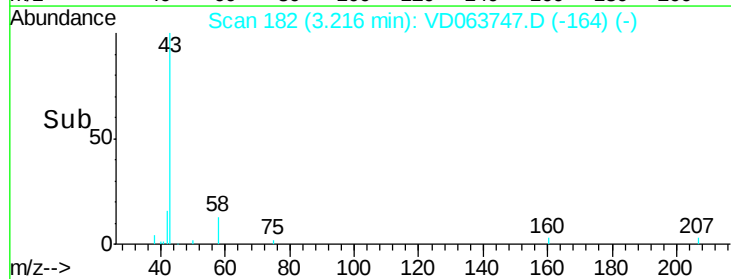
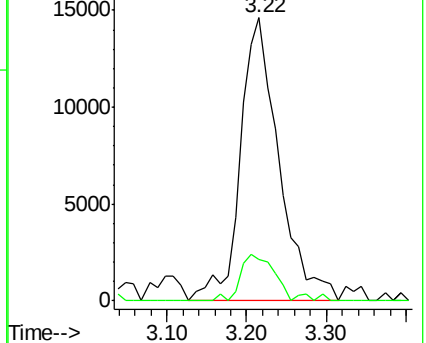
43 100

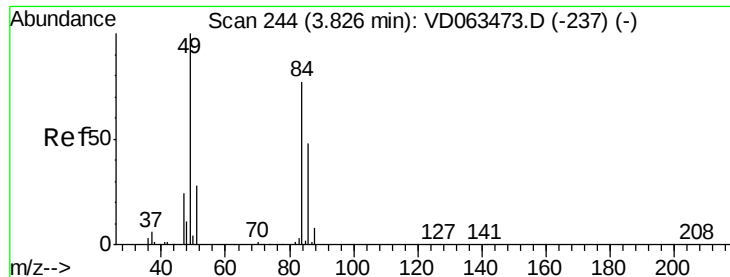
58 14.7 11.4 17.2



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

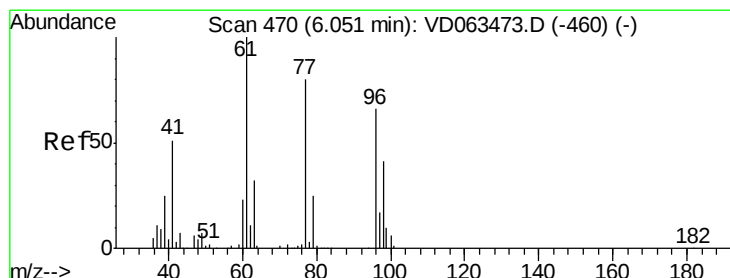
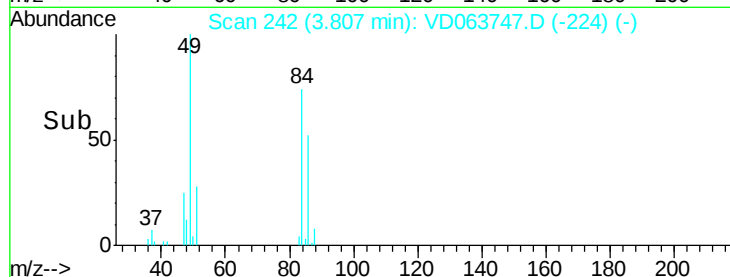
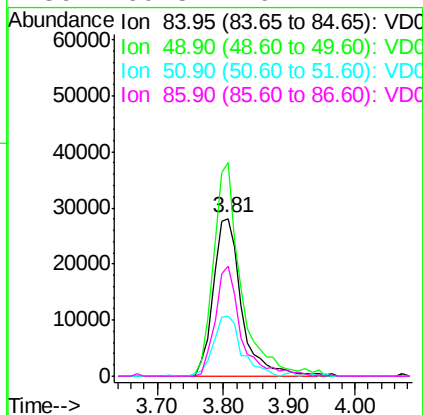
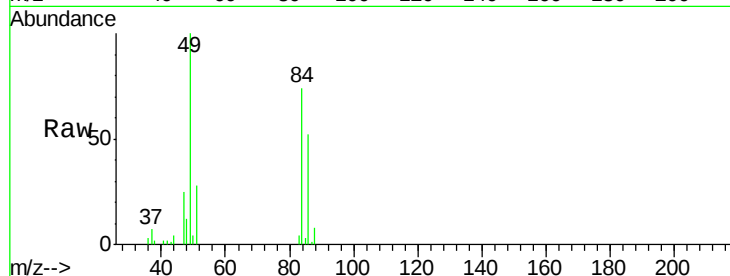




#20
Methvlene Chloride
Concen: 8.604 ug/l
RT: 3.81 min Scan# 242
Delta R.T. -0.02 min
Lab File: VD063747.D
Acq: 22 Aug 2019 21:33

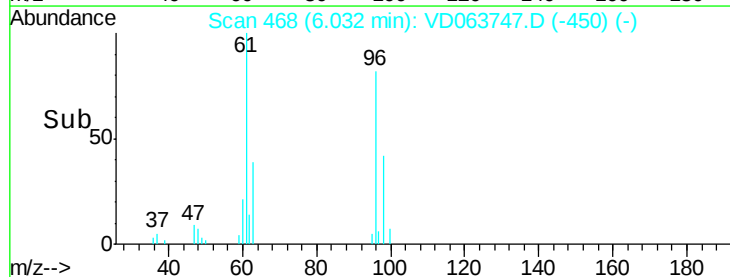
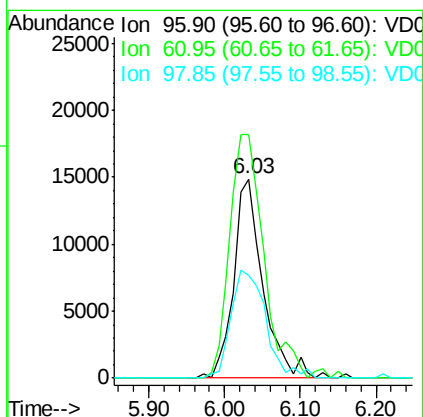
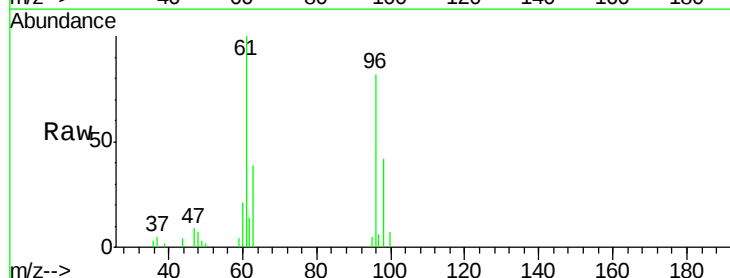
Instrument :
MSVOA_D
ClientSampleId :
TS-1V

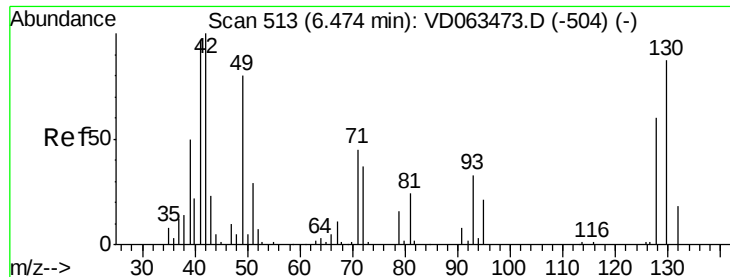
Tot Ion:	84	Resp:	83798
Ion	Ratio	Lower	Upper
84	100		
49	135.5	103.4	155.2
51	38.0	28.5	42.7
86	69.8	49.4	74.2



#27
cis-1,2-Dichloroethene
Concen: 4.103 ug/l
RT: 6.03 min Scan# 468
Delta R.T. -0.02 min
Lab File: VD063747.D
Acq: 22 Aug 2019 21:33

Tgt Ion:	96	Resp:	39568
Ion	Ratio	Lower	Upper
96	100		
61	122.2	0.0	304.0
98	51.5	0.0	124.8

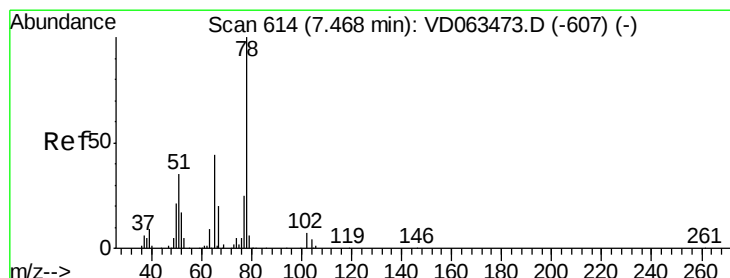
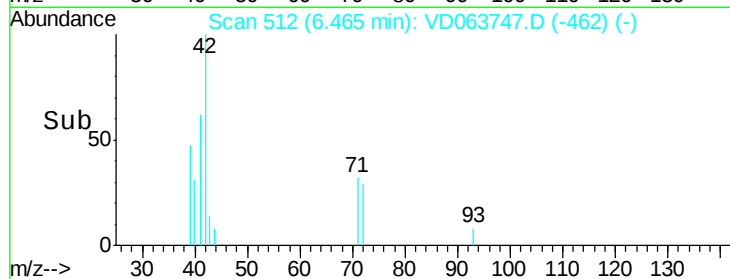
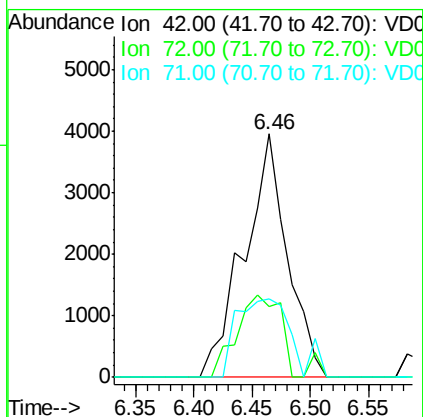
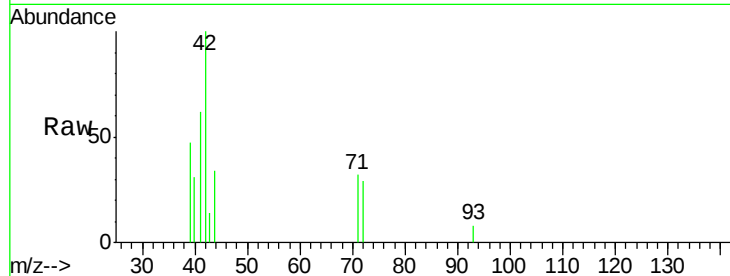




#29
Tetrahydrofuran
Concen: 9.801 ug/l
RT: 6.46 min Scan# 512
Delta R.T. -0.01 min
Lab File: VD063747.D
Acq: 22 Aug 2019 21:33

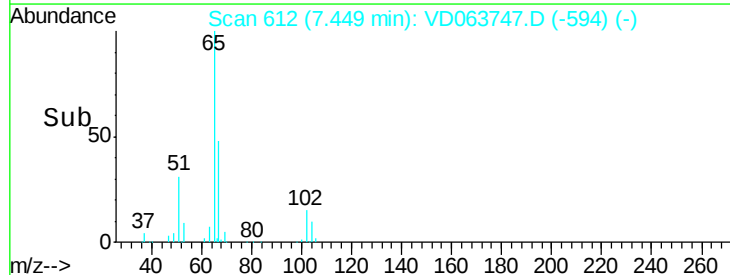
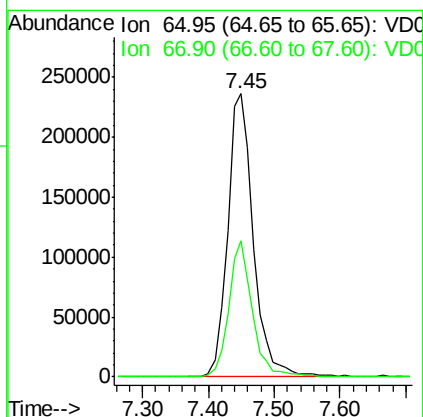
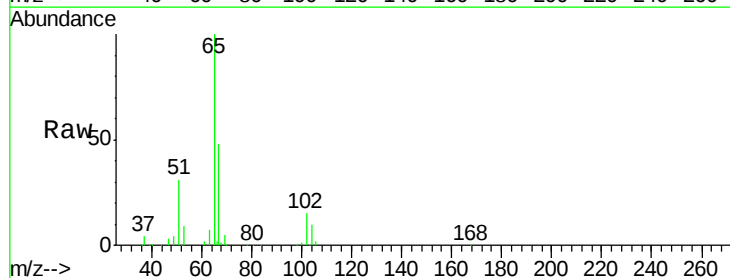
Instrument :
MSVOA_D
ClientSampleId :
TS-1V

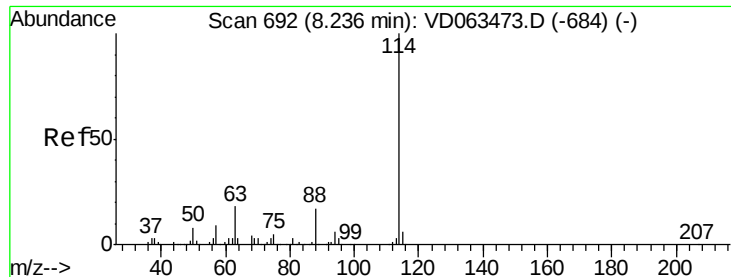
Tot Ion: 42 Resp: 10160
Ion Ratio Lower Upper
42 100
72 34.2 31.5 47.3
71 41.5 33.8 50.8



#33
1,2-Dichloroethane-d4
Concen: 58.030 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.02 min
Lab File: VD063747.D
Acq: 22 Aug 2019 21:33

Tgt Ion: 65 Resp: 642992
Ion Ratio Lower Upper
65 100
67 48.3 0.0 89.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. -0.02 min

Lab File: VD063747.D

Acq: 22 Aug 2019 21:33

Instrument :

MSVOA_D

ClientSampleId :

TS-1V

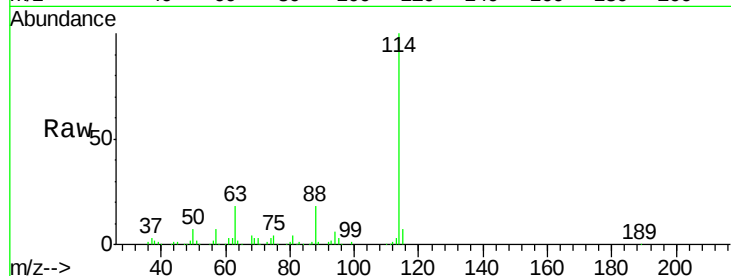
Tot Ion:114 Resp: 1459525

Ion Ratio Lower Upper

114 100

63 17.6 0.0 36.2

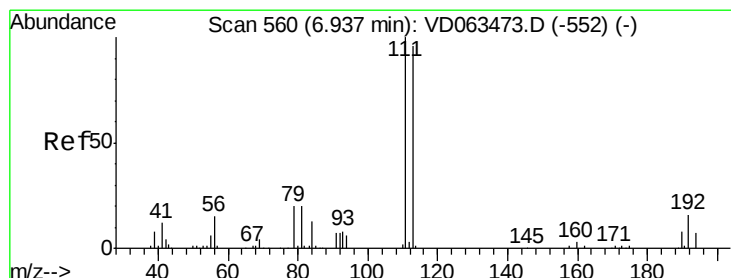
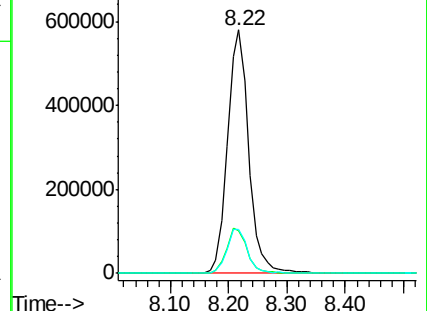
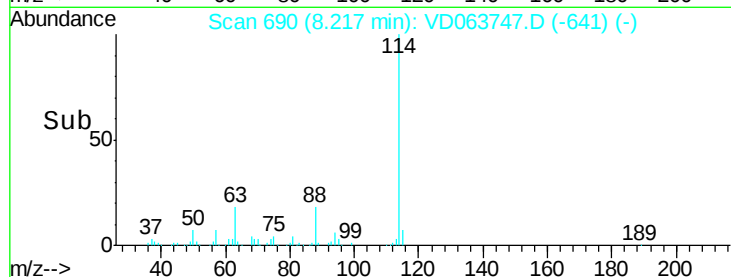
88 17.8 0.0 35.0



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: 59.385 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD063747.D

Acq: 22 Aug 2019 21:33

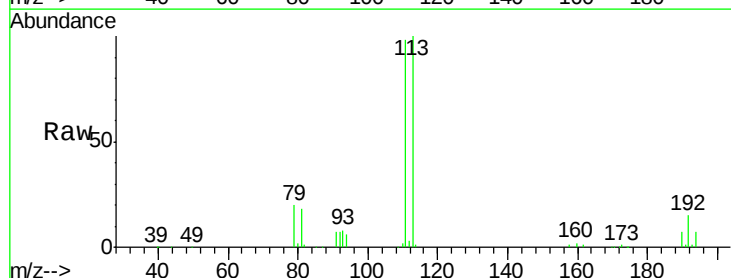
Tgt Ion:113 Resp: 729977

Ion Ratio Lower Upper

113 100

111 98.4 83.1 124.7

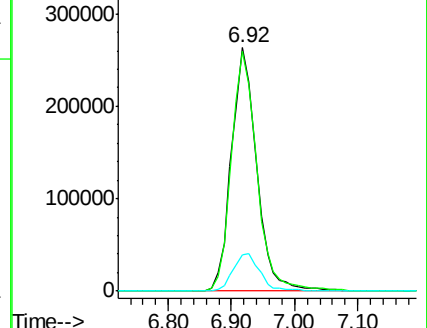
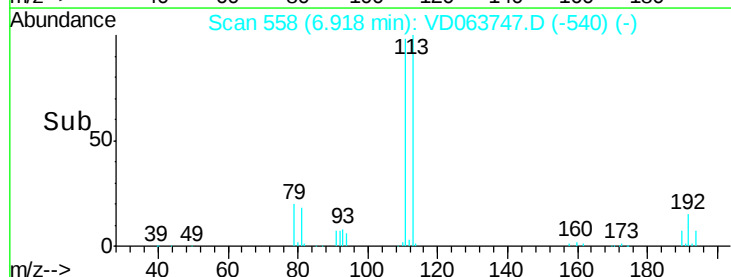
192 14.8 13.1 19.7

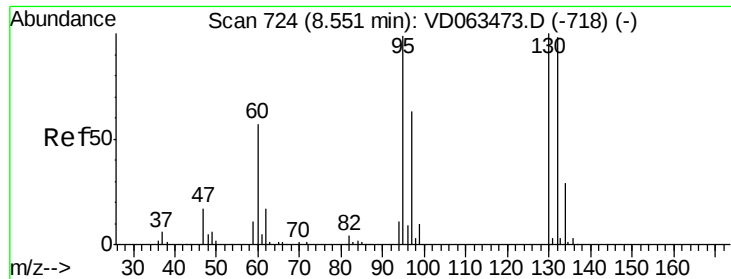


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#44

Trichloroethene

Concen: 2.880 ug/l

RT: 8.54 min Scan# 723

Delta R.T. -0.01 min

Lab File: VD063747.D

Acq: 22 Aug 2019 21:33

Instrument :

MSVOA_D

ClientSampled :

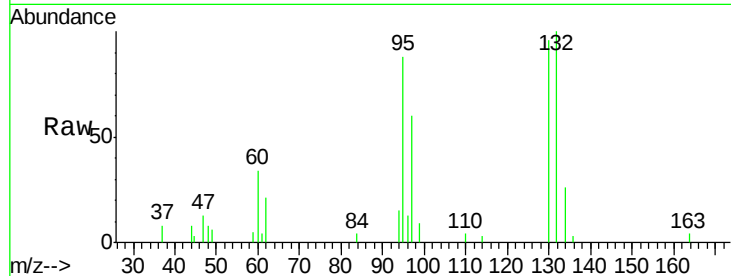
TS-1V

Tot Ion:130 Resp: 31257

Ion Ratio Lower Upper

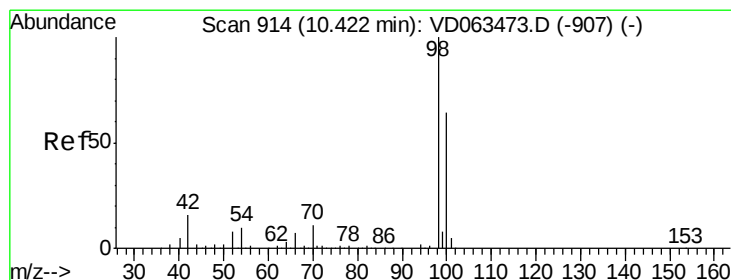
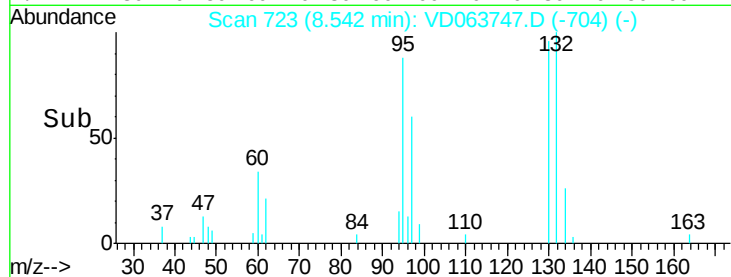
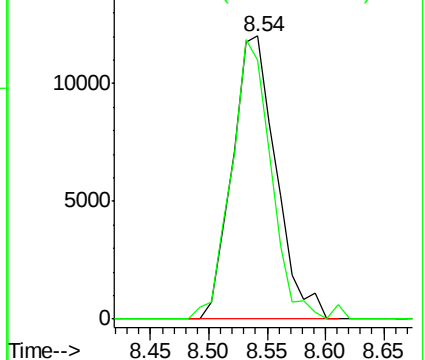
130 100

95 91.3 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VDC



#50

Toluene-d8

Concen: 57.290 ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.01 min

Lab File: VD063747.D

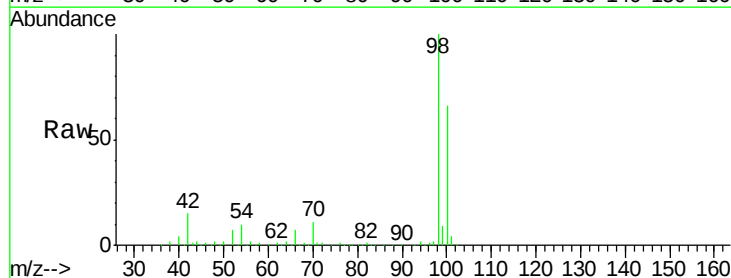
Acq: 22 Aug 2019 21:33

Tgt Ion: 98 Resp: 1548261

Ion Ratio Lower Upper

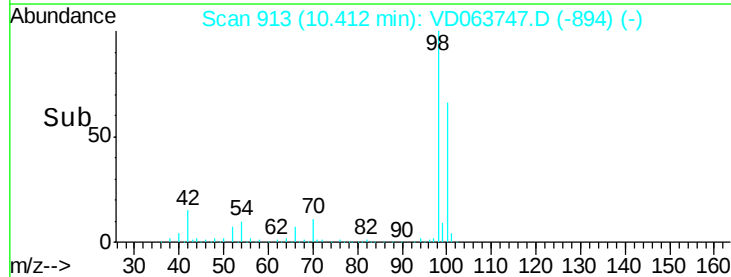
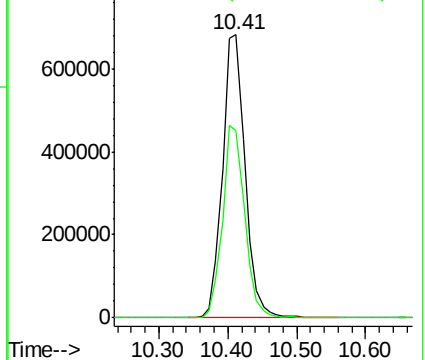
98 100

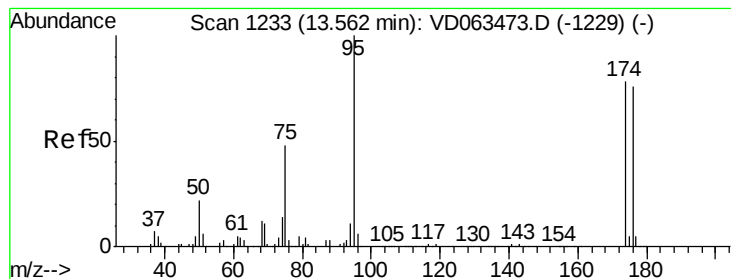
100 66.4 51.7 77.5



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC





#62

4-Bromofluorobenzene

Concen: 43.219 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD063747.D

Acq: 22 Aug 2019 21:33

Instrument :

MSVOA_D

ClientSampleId :

TS-1V

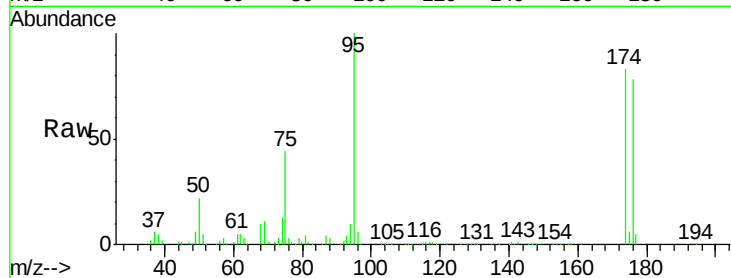
Tot Ion: 95 Resp: 529385

Ion Ratio Lower Upper

95 100

174 82.5 0.0 155.4

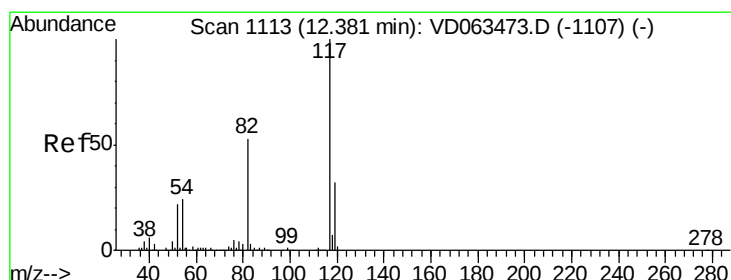
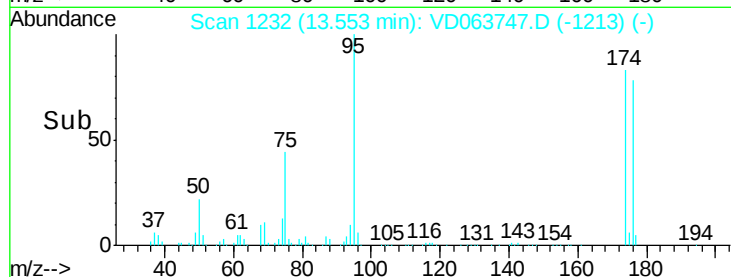
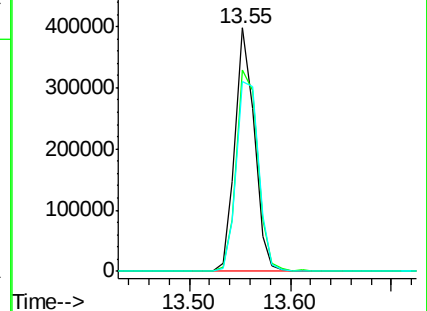
176 77.9 0.0 152.4



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: VD063747.D

Acq: 22 Aug 2019 21:33

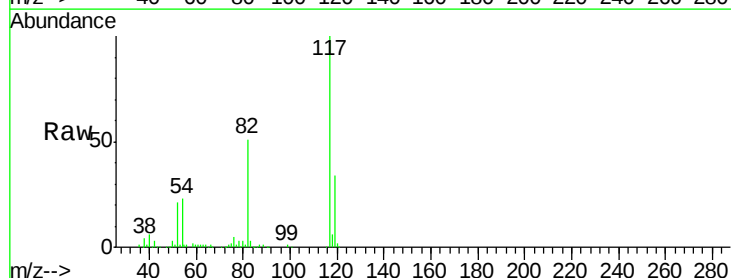
Tgt Ion: 117 Resp: 1135947

Ion Ratio Lower Upper

117 100

82 51.4 42.0 63.0

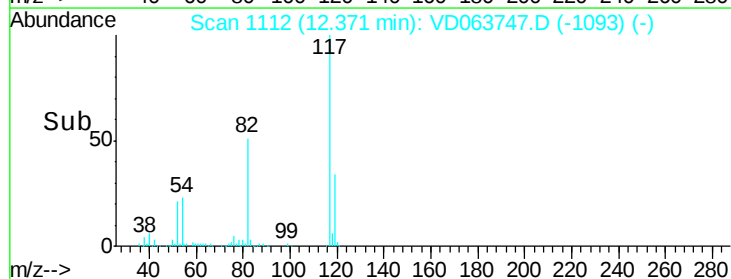
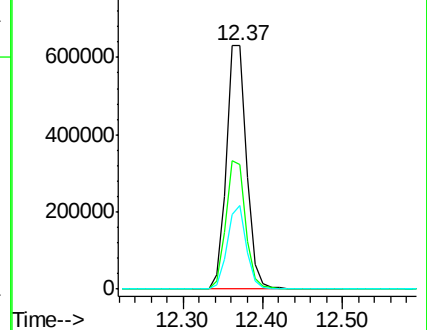
119 34.2 25.4 38.0

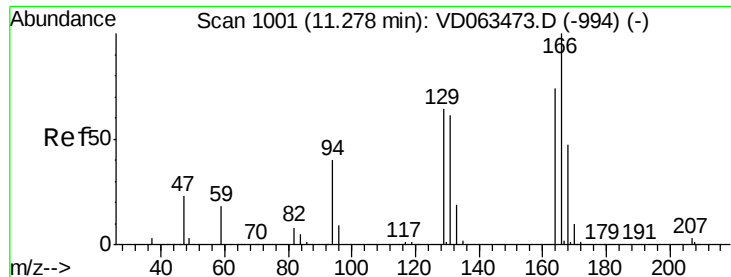


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V





#64

Tetrachloroethene

Concen: 4.436 ug/l

RT: 11.26 min Scan# 999

Delta R.T. -0.02 min

Lab File: VD063747.D

Acq: 22 Aug 2019 21:33

Instrument :

MSVOA_D

ClientSampleId :

TS-1V

Tot Ion:164 Resp: 38901

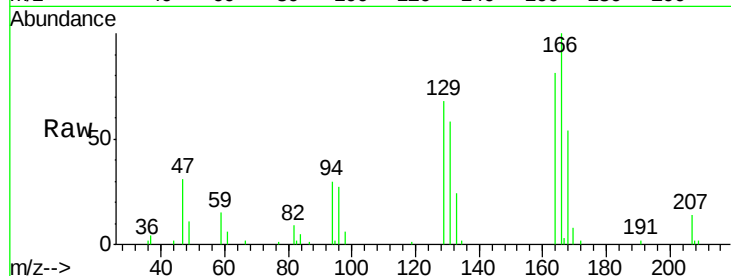
Ion Ratio Lower Upper

164 100

166 123.9 108.6 163.0

129 84.0 69.0 103.6

131 72.1 66.6 99.8

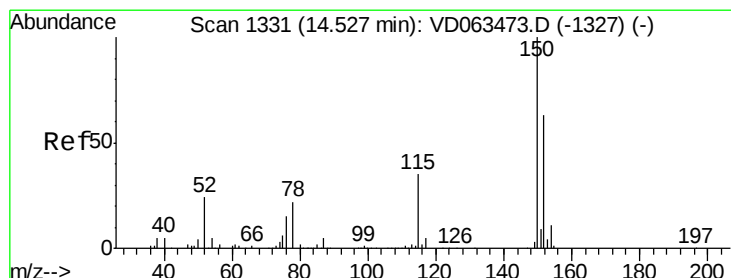
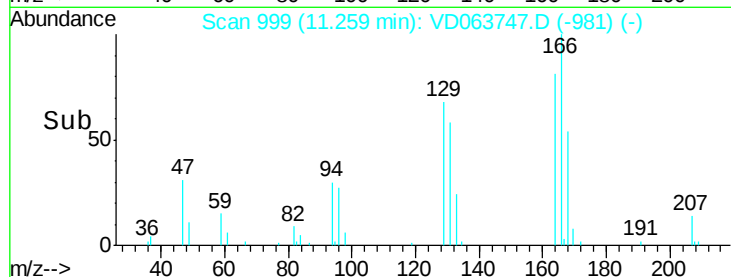
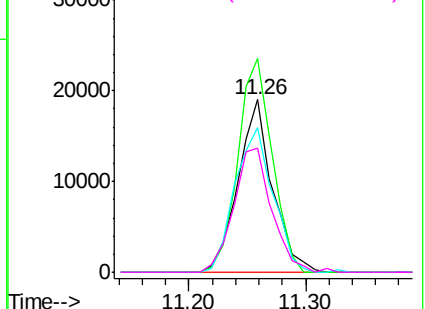


Abundance Ion 163.85 (163.55 to 164.55): V

Ion 165.85 (165.55 to 166.55): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): 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: VD063747.D

Acq: 22 Aug 2019 21:33

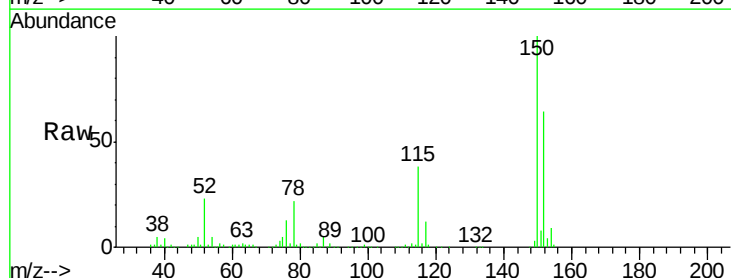
Tgt Ion:152 Resp: 541694

Ion Ratio Lower Upper

152 100

115 59.5 30.9 92.7

150 156.7 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

