

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081219\
 Data File : VD063519.D
 Acq On : 13 Aug 2019 7:23
 Operator : JC/SY
 Sample : K4085-03
 Misc : 6.66q/5ml/MSVOA D/SOIL
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-05-080919-B

Quant Time: Aug 13 09:43:23 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

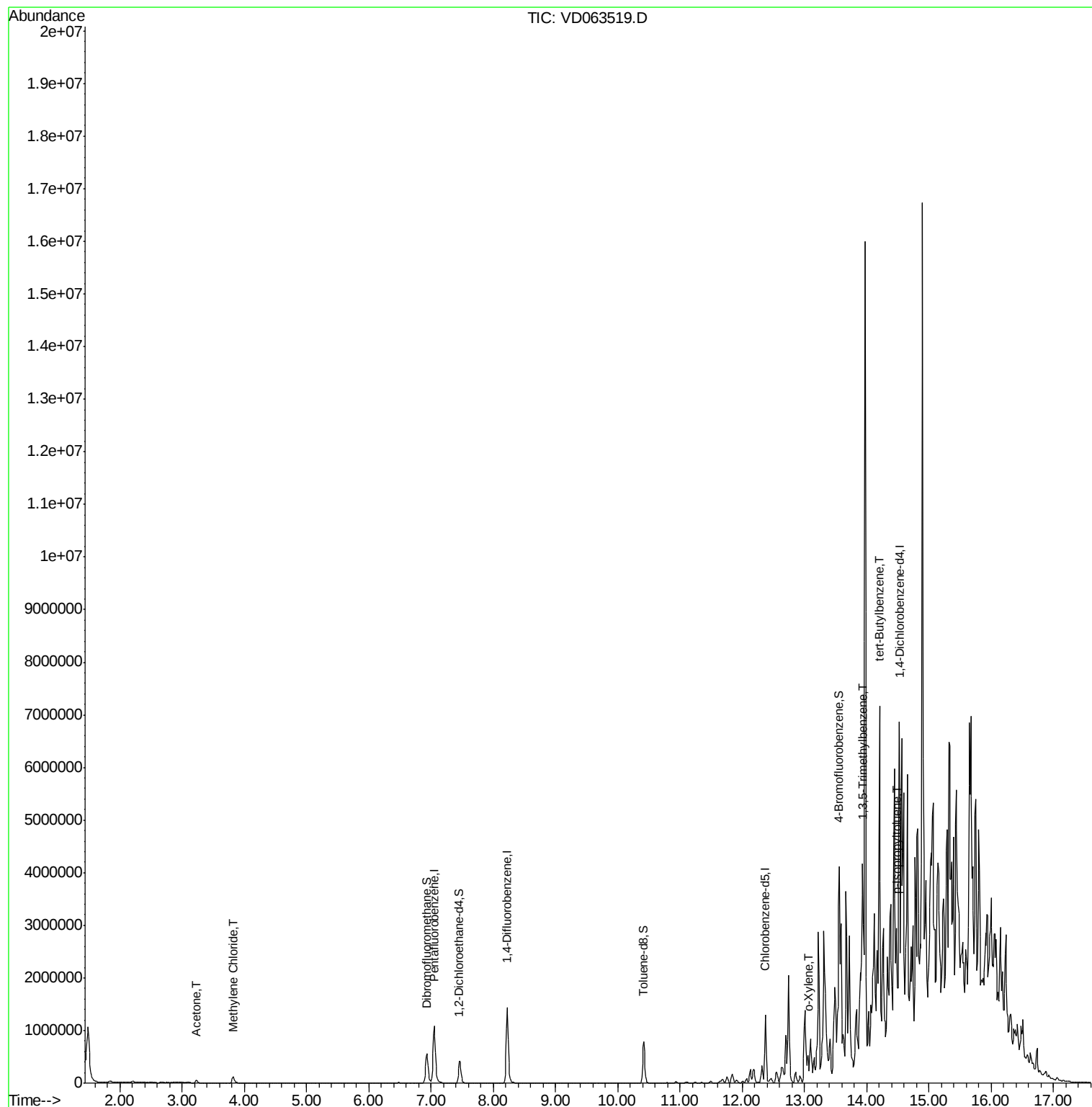
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1041732	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	1591444	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	758602	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	392427	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	479171	43.03	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	86.06%	
35) Dibromofluoromethane	6.93	113	514895	38.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.84%	
50) Toluene-d8	10.42	98	648042	21.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	43.98%	
62) 4-Bromofluorobenzene	13.56	95	333103	24.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	49.88%	
Target Compounds						
16) Acetone	3.23	43	90580	40.016	ug/l #	86
20) Methylene Chloride	3.83	84	75948	7.759	ug/l #	79
69) o-Xylene	13.05	106	26410	3.159	ug/l	100
80) 1,3,5-Trimethylbenzene	13.94	105	541976	24.851	ug/l	98
83) tert-Butylbenzene	14.20	119	41069	1.788	ug/l	96
86) p-Isopropyltoluene	14.49	119	221084m	9.481	ug/l	

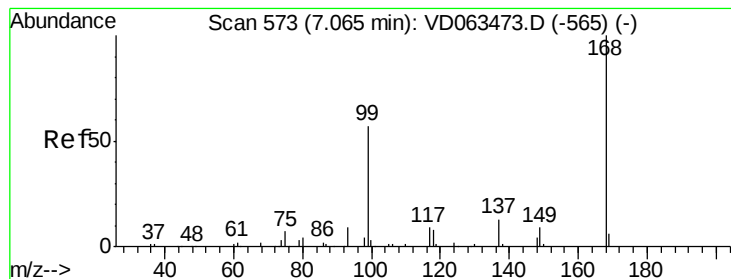
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081219\
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HR-05-080919-B

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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: 7.05 min Scan# 571

Delta R.T. -0.02 min

Lab File: VD063519.D

Acq: 13 Aug 2019 7:23

Instrument :

MSVOA_D

ClientSampleId :

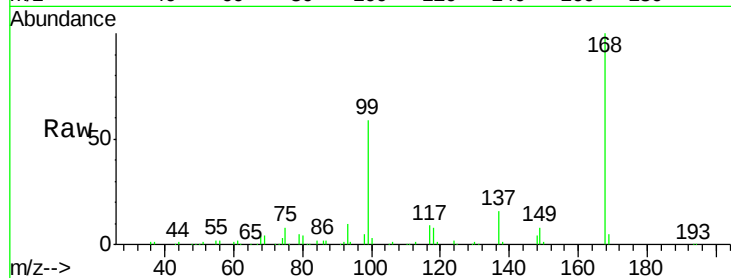
HR-05-080919-B

Tot Ion:168 Resp: 1041732

Ion Ratio Lower Upper

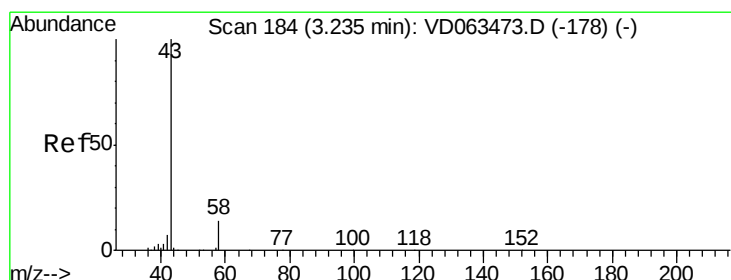
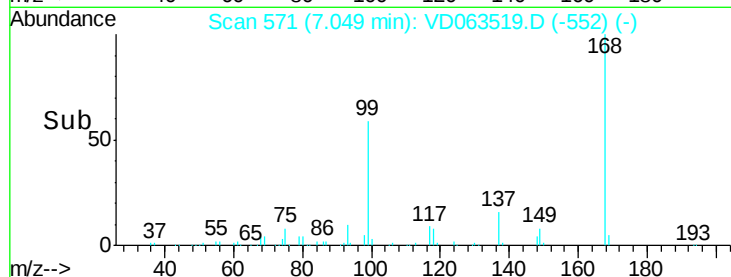
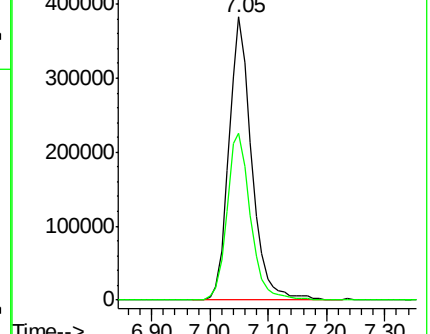
168 100

99 58.9 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: 40.016 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.01 min

Lab File: VD063519.D

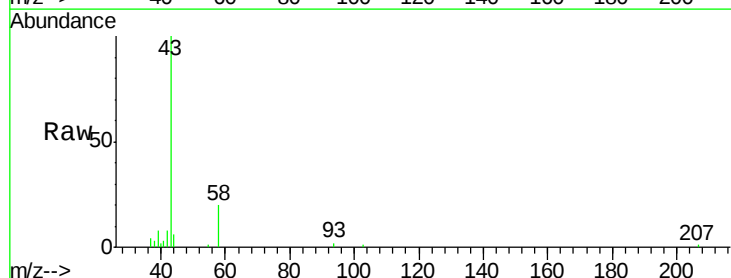
Acq: 13 Aug 2019 7:23

Tgt Ion: 43 Resp: 90580

Ion Ratio Lower Upper

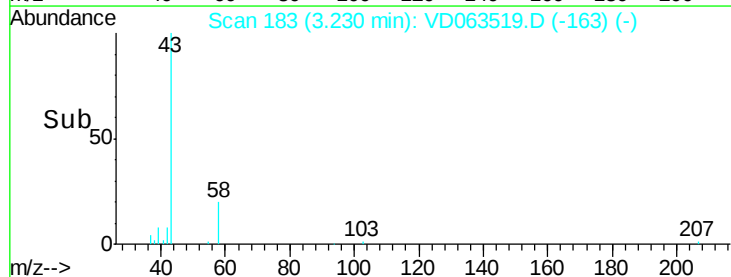
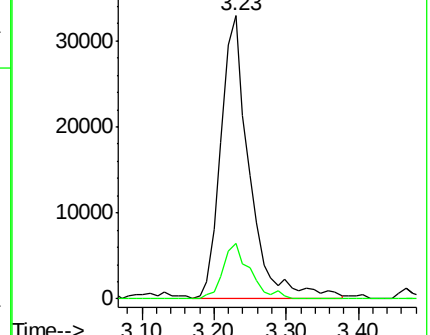
43 100

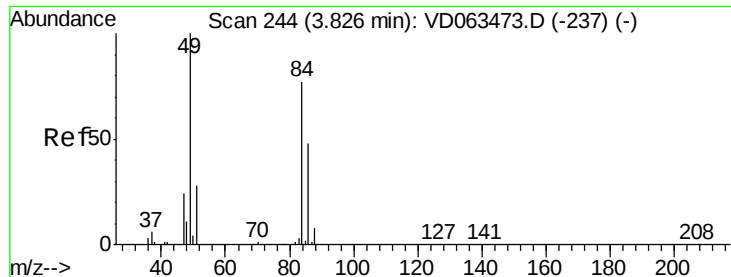
58 19.9 11.4 17.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

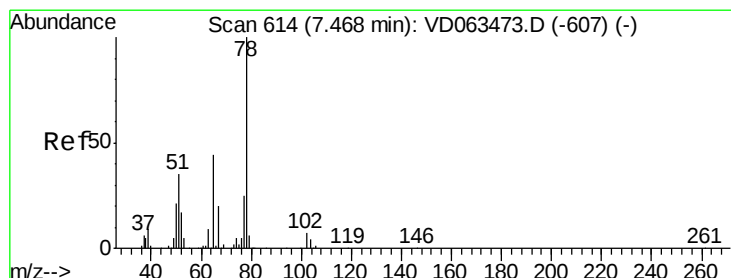
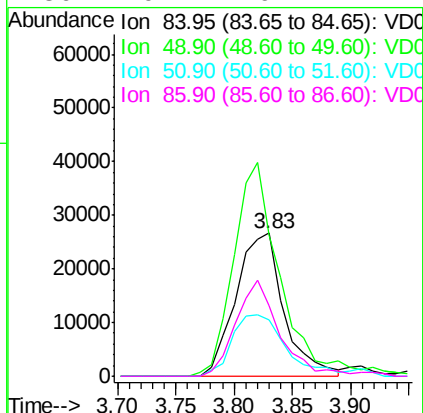
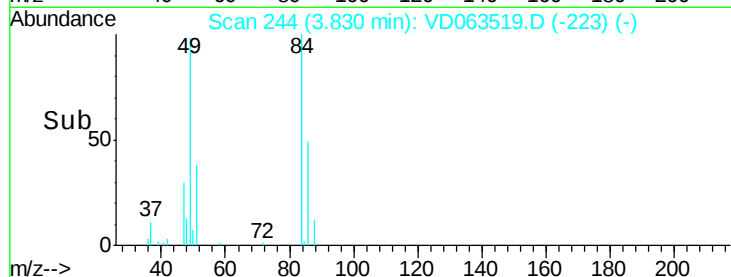
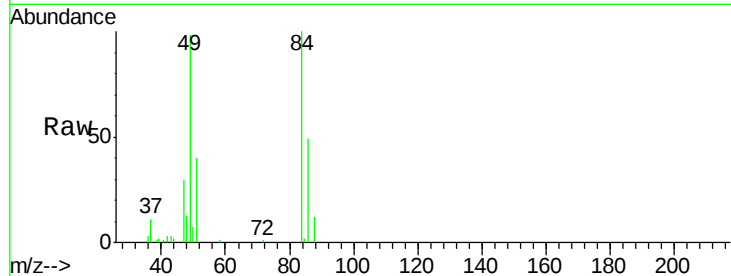




#20
Methylene Chloride
Concen: 7.759 ug/l
RT: 3.83 min Scan# 244
Delta R.T. 0.00 min
Lab File: VD063519.D
Acq: 13 Aug 2019 7:23

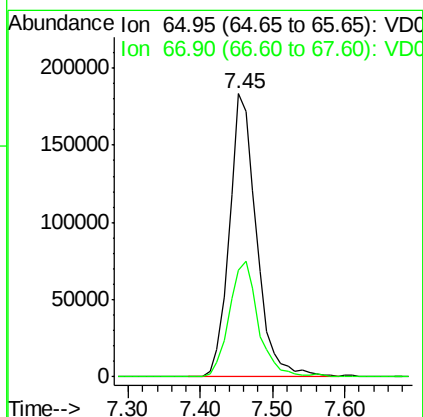
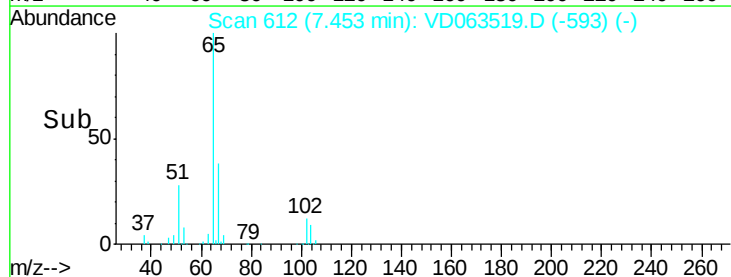
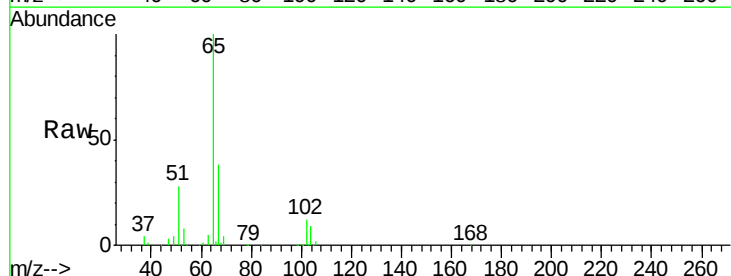
Instrument :
MSVOA_D
ClientSampleId :
HR-05-080919-B

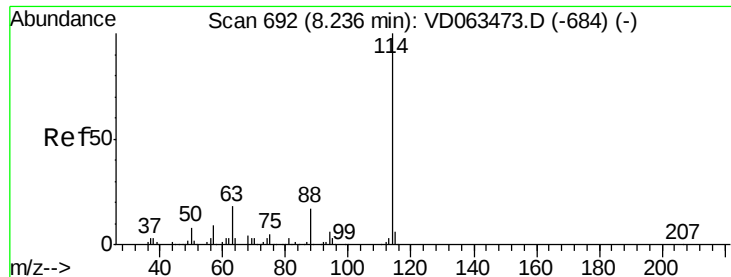
Tot Ion:	84	Resp:	75948
Ion	Ratio	Lower	Upper
84	100		
49	98.3	103.4	155.2#
51	39.8	28.5	42.7
86	49.4	49.4	74.2#



#33
1,2-Dichloroethane-d4
Concen: 43.032 ug/l
RT: 7.45 min Scan# 612
Delta R.T. -0.02 min
Lab File: VD063519.D
Acq: 13 Aug 2019 7:23

Tgt Ion:	65	Resp:	479171
Ion	Ratio	Lower	Upper
65	100		
67	37.8	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: VD063519.D

Acq: 13 Aug 2019 7:23

Instrument :

MSVOA_D

ClientSampleId :

HR-05-080919-B

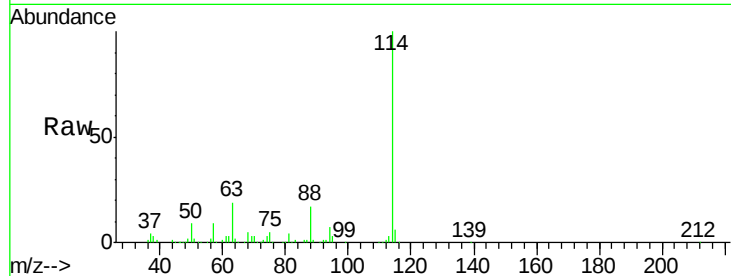
Tot Ion:114 Resp: 1591444

Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.2

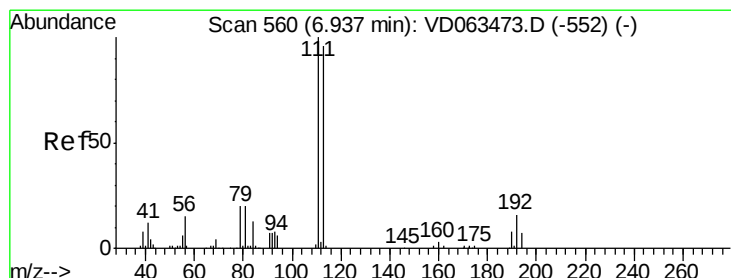
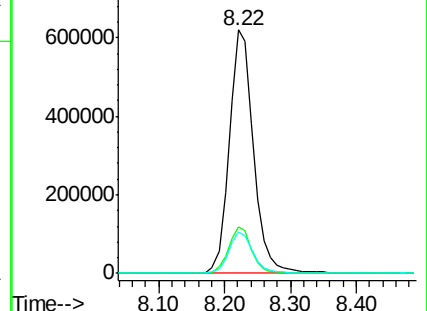
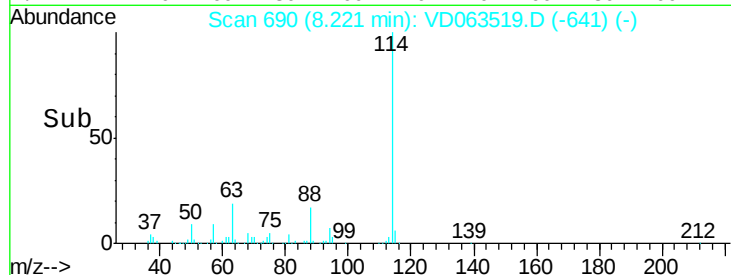
88 17.0 0.0 35.0



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: 38.416 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD063519.D

Acq: 13 Aug 2019 7:23

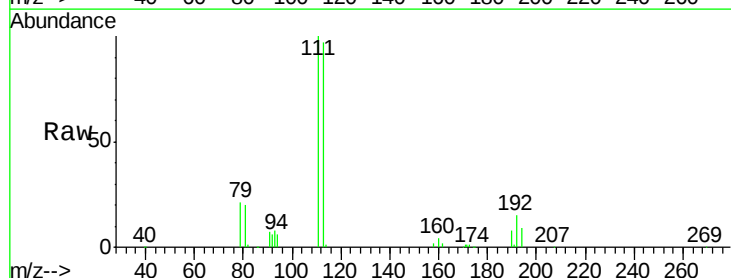
Tgt Ion:113 Resp: 514895

Ion Ratio Lower Upper

113 100

111 102.6 83.1 124.7

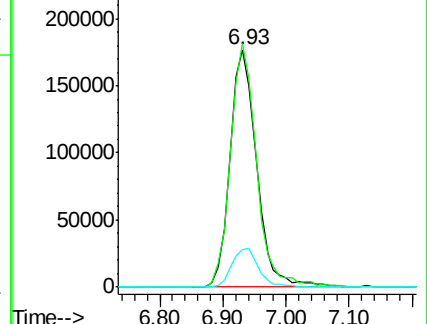
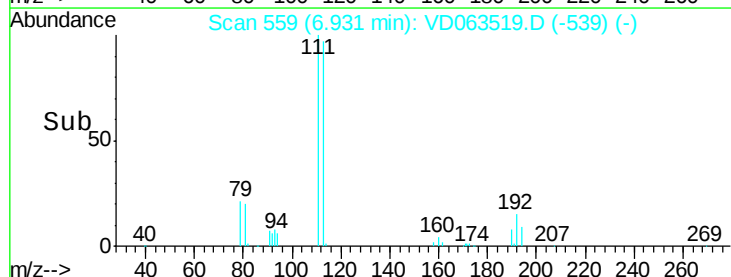
192 15.6 13.1 19.7

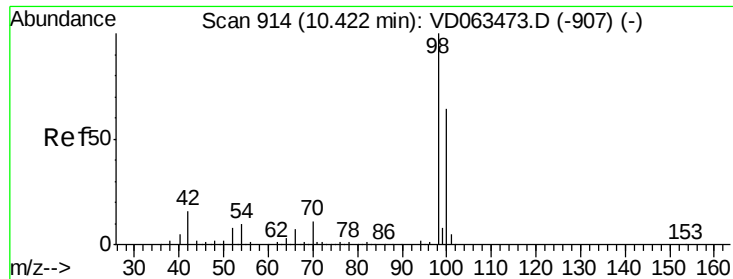


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

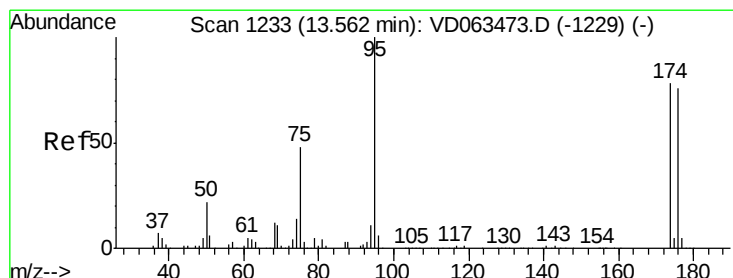
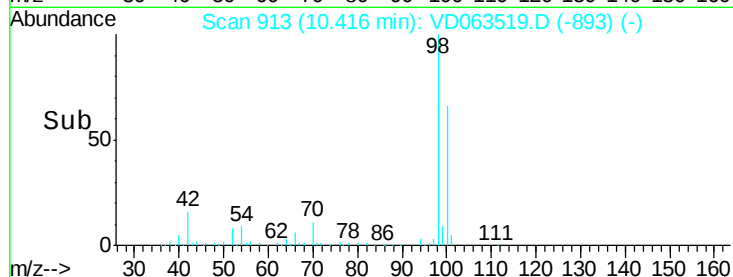
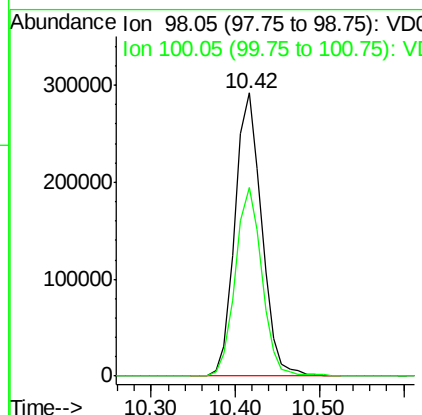
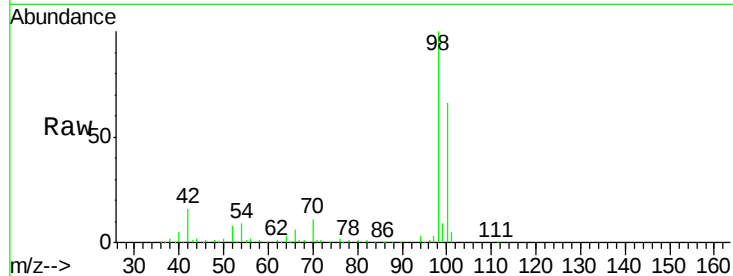




#50
Toluene-d8
Concen: 21.992 ug/l
RT: 10.42 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD063519.D
Acq: 13 Aug 2019 7:23

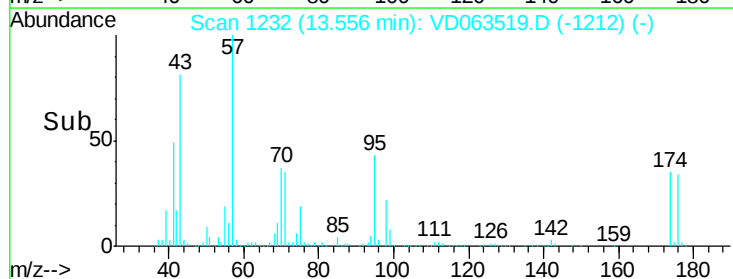
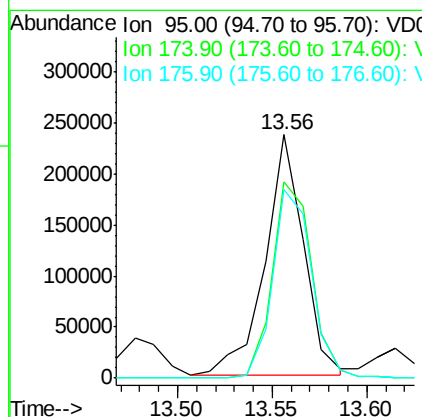
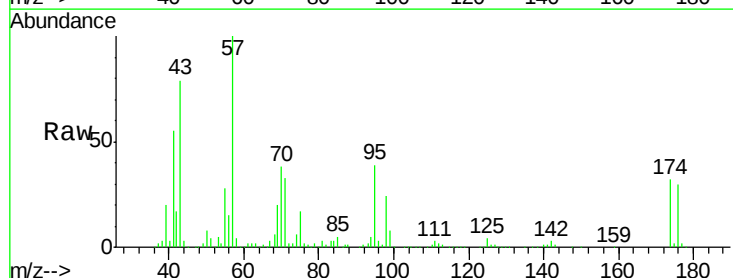
Instrument :
MSVOA_D
ClientSampleId :
HR-05-080919-B

Tot Ion: 98 Resp: 648042
Ion Ratio Lower Upper
98 100
100 66.5 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 24.940 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063519.D
Acq: 13 Aug 2019 7:23

Tgt Ion: 95 Resp: 333103
Ion Ratio Lower Upper
95 100
174 80.8 0.0 155.4
176 77.5 0.0 152.4

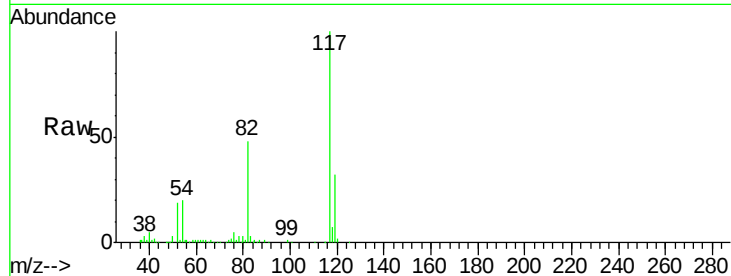




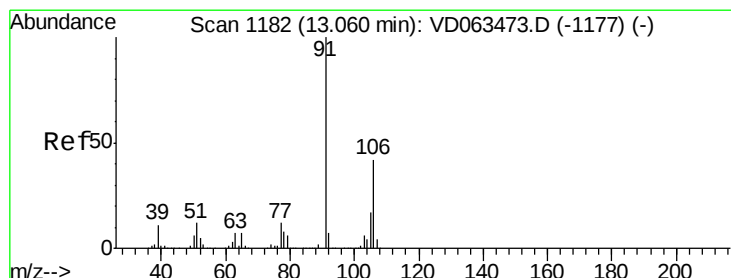
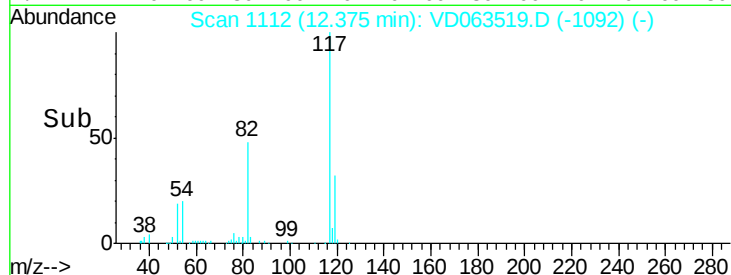
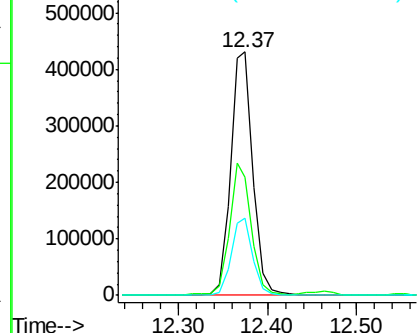
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD063519.D
Acq: 13 Aug 2019 7:23

Instrument :
MSVOA_D
ClientSampleId :
HR-05-080919-B

Tot Ion:117 Resp: 758602
Ion Ratio Lower Upper
117 100
82 48.5 42.0 63.0
119 31.9 25.4 38.0

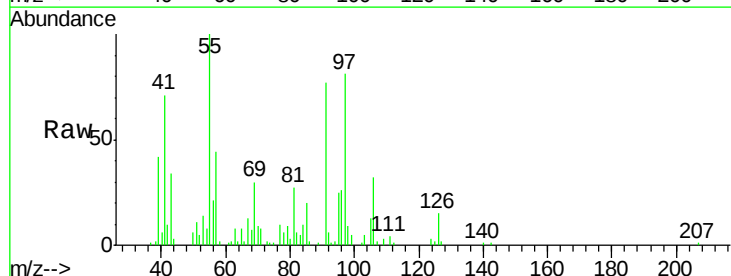


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

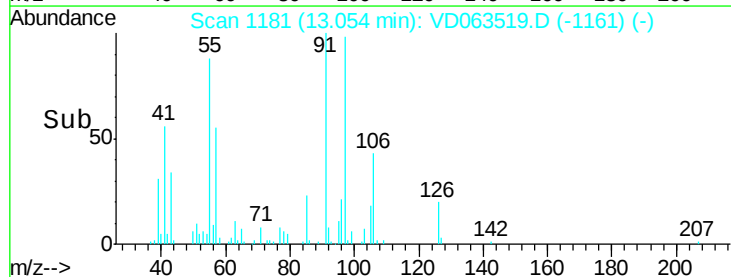
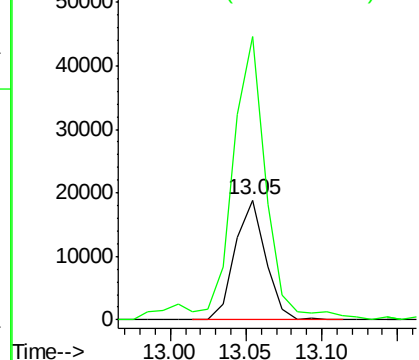


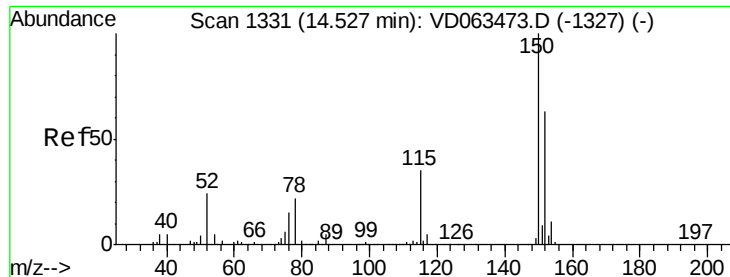
#69
o-Xylene
Concen: 3.159 ug/l
RT: 13.05 min Scan# 1181
Delta R.T. -0.01 min
Lab File: VD063519.D
Acq: 13 Aug 2019 7:23

Tgt Ion:106 Resp: 26410
Ion Ratio Lower Upper
106 100
91 236.3 118.1 354.2



Abundance Ion 106.05 (105.75 to 106.75): V
Ion 91.00 (90.70 to 91.70): V



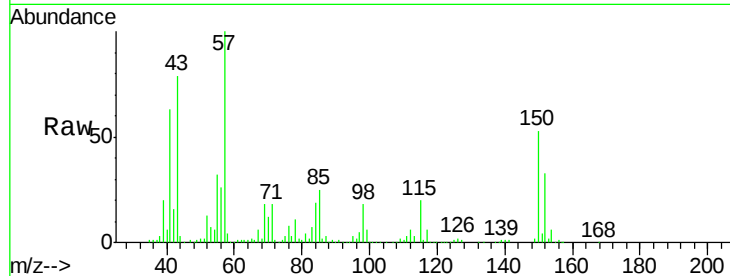


#72

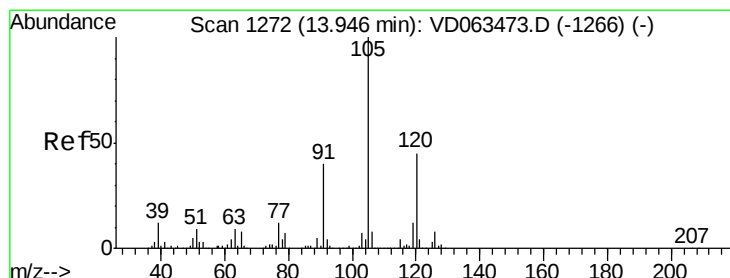
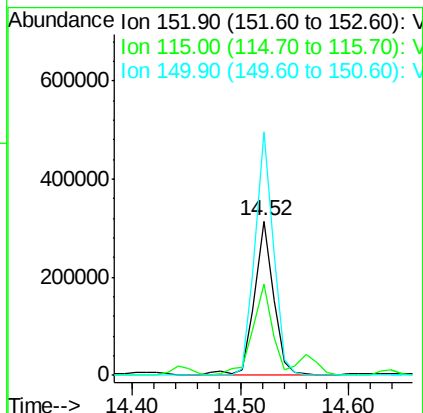
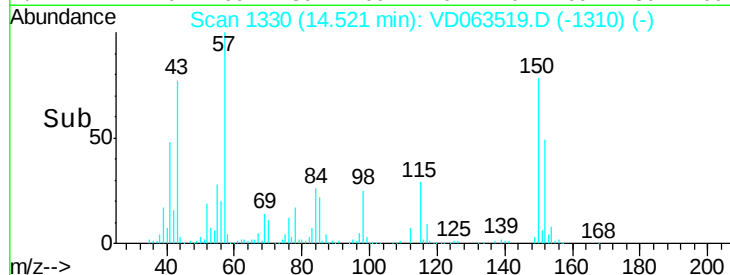
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD063519.D
Acq: 13 Aug 2019 7:23

Instrument :
MSVOA_D
ClientSampleId :
HR-05-080919-B

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.9	30.9	92.7
150	158.1	0.0	318.6



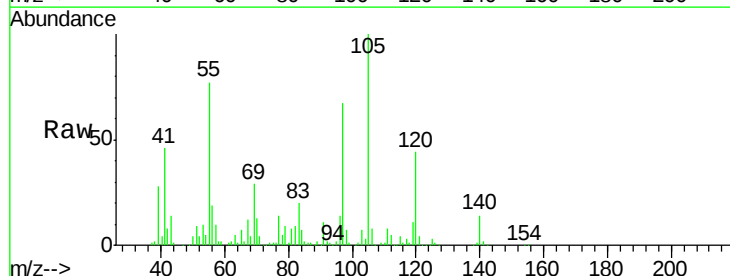
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V



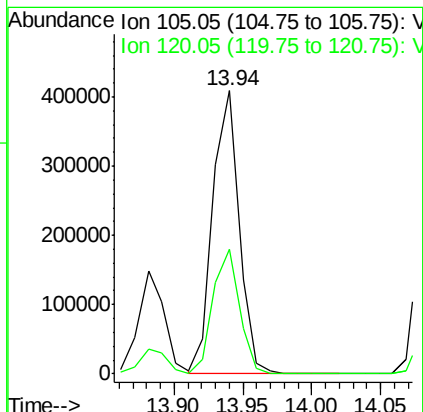
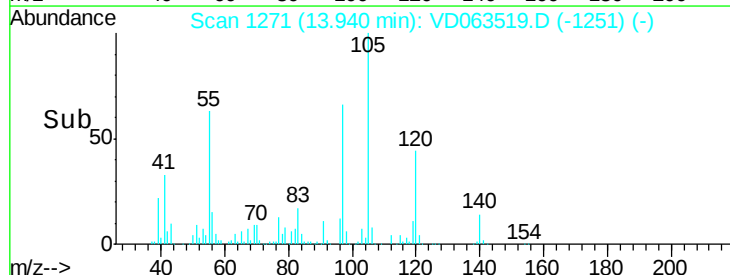
#80

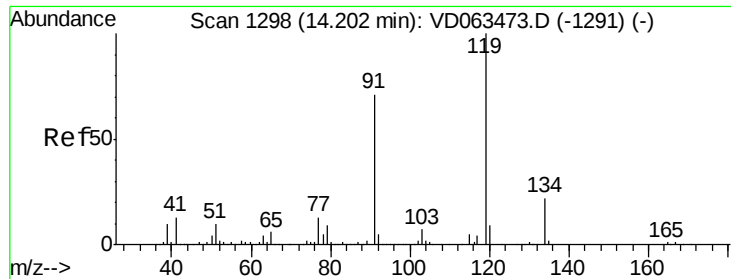
1,3,5-Trimethylbenzene
Concen: 24.851 ug/l
RT: 13.94 min Scan# 1271
Delta R.T. -0.01 min
Lab File: VD063519.D
Acq: 13 Aug 2019 7:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	44.1	22.8	68.3



Abundance Ion 105.05 (104.75 to 105.75): V
Ion 120.05 (119.75 to 120.75): V

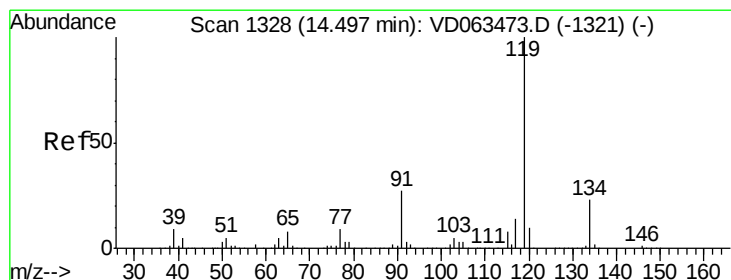
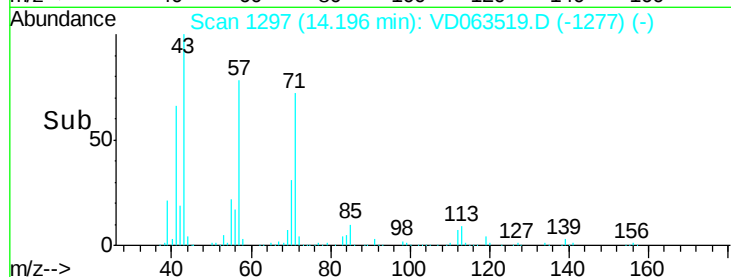
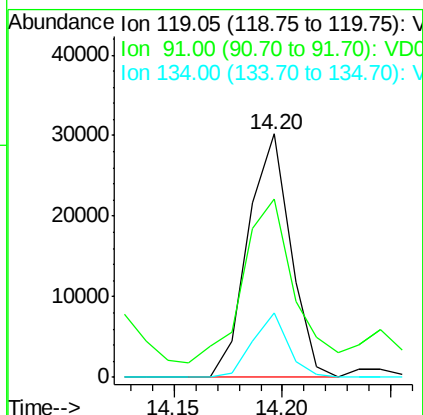
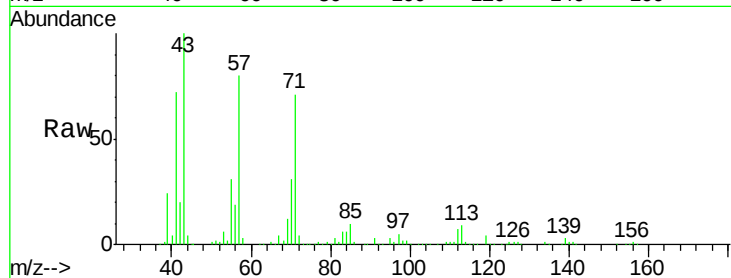




#83
tert-Butylbenzene
Concen: 1.788 ug/l
RT: 14.20 min Scan# 1297
Delta R.T. -0.01 min
Lab File: VD063519.D
Acq: 13 Aug 2019 7:23

Instrument :
MSVOA_D
ClientSampleId :
HR-05-080919-B

Tot Ion:119 Resp: 41069
Ion Ratio Lower Upper
119 100
91 73.3 35.5 106.7
134 26.4 11.1 33.1



#86
p-Isopropyltoluene
Concen: 9.481 ug/l m
RT: 14.49 min Scan# 1327
Delta R.T. -0.01 min
Lab File: VD063519.D
Acq: 13 Aug 2019 7:23

Tgt Ion:119 Resp: 221084
Ion Ratio Lower Upper
119 100
134 19.3 11.3 33.8
91 29.7 13.5 40.4

