

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081219\
 Data File : VD063512.D
 Acq On : 13 Aug 2019 4:13
 Operator : JC/SY
 Sample : K4223-22RE
 Misc : 4.96g/5ml/MSVOA D/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-11RE

Quant Time: Aug 13 09:28:12 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

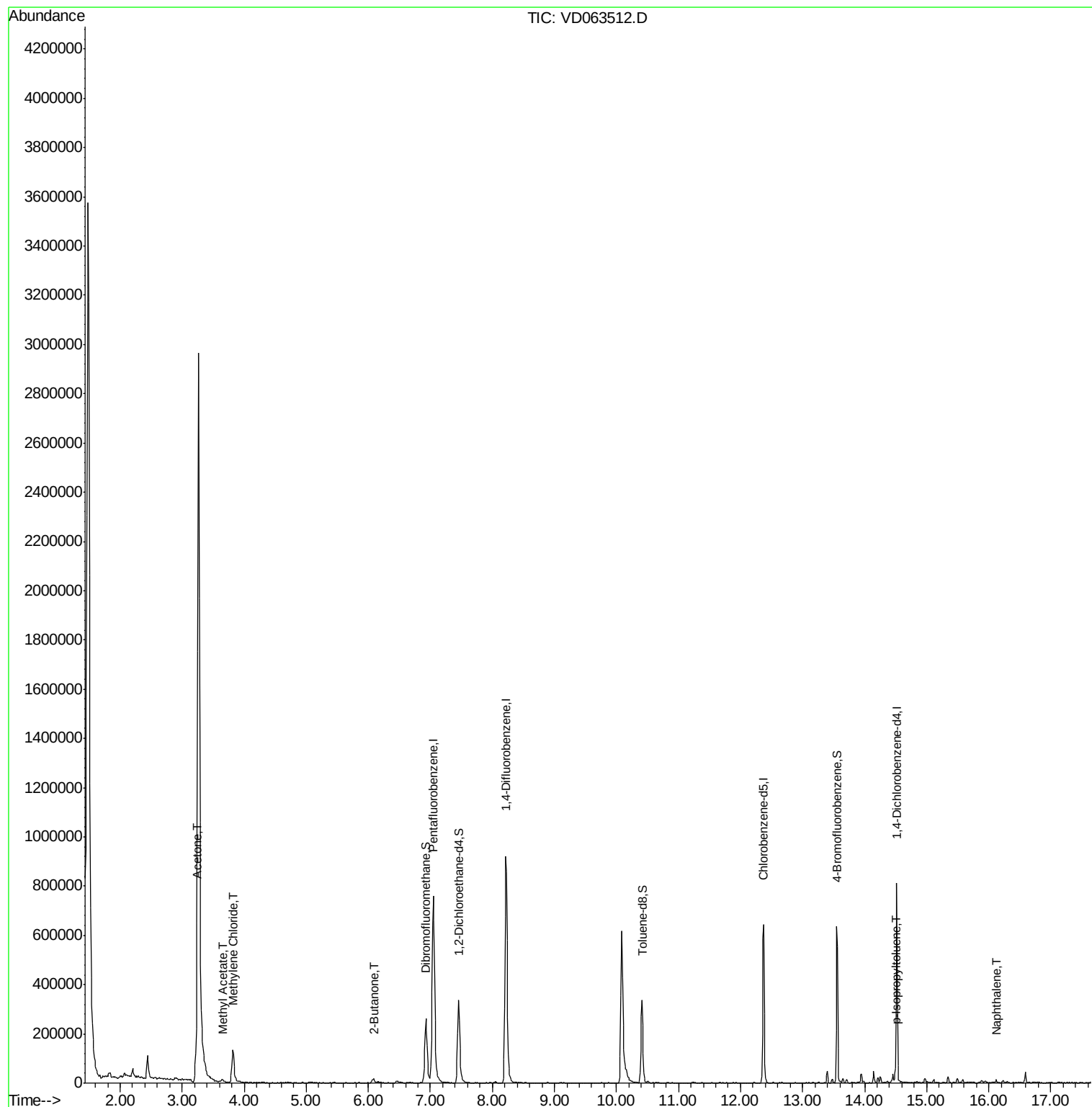
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	737235	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	1031147	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.37	117	360651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	169480	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	376831	47.82	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	95.64%	
35) Dibromofluoromethane	6.93	113	229400	26.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	52.84%	
50) Toluene-d8	10.41	98	257841	13.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	27.00%	
62) 4-Bromofluorobenzene	13.55	95	191580	22.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	44.28%	
Target Compounds						
16) Acetone	3.23	43	247851	154.719	ug/l #	87
18) Methyl Acetate	3.64	43	18328	6.040	ug/l	98
20) Methylene Chloride	3.82	84	77583	11.200	ug/l #	84
25) 2-Butanone	6.09	43	33083	20.910	ug/l #	83
86) p-Isopropyltoluene	14.49	119	16491	1.637	ug/l	93
95) Naphthalene	16.12	128	6860	1.361	ug/l #	83

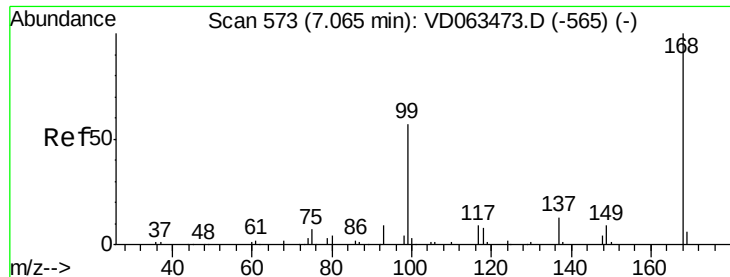
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD081219\
Data File : VD063512.D
Acq On : 13 Aug 2019 4:13
Operator : JC/SY
Sample : K4223-22RE
Misc : 4.96µl/5ml/MSVOA D/SOIL
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SP-11RE

Quant Time: Aug 13 09:28:12 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: 7.05 min Scan# 571

Delta R.T. -0.02 min

Lab File: VD063512.D

Acq: 13 Aug 2019 4:13

Instrument :

MSVOA_D

ClientSampleId :

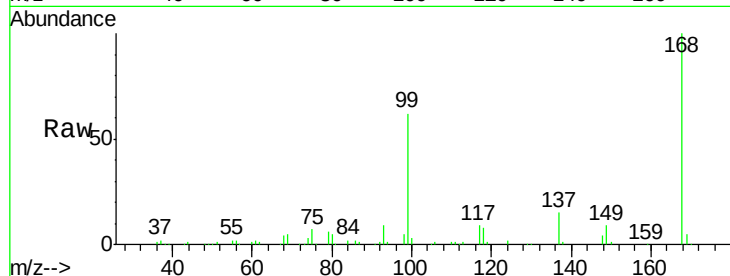
SP-11RE

Tot Ion:168 Resp: 737235

Ion Ratio Lower Upper

168 100

99 62.3 46.7 70.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

250000

200000

150000

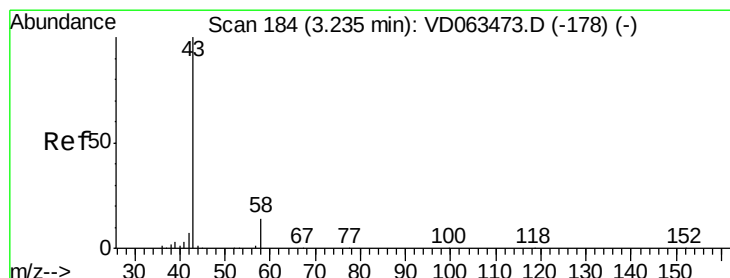
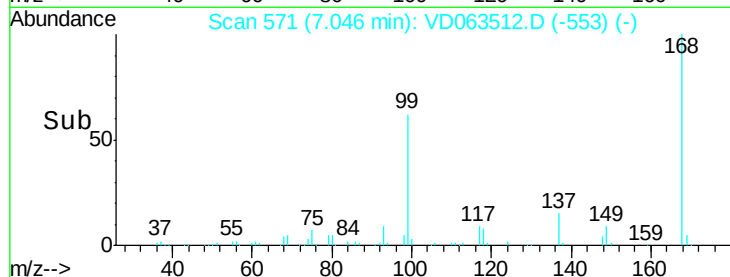
100000

50000

0

6.90 7.00 7.10 7.20 7.30

Time-->



#16

Acetone

Concen: 154.719 ug/l

RT: 3.23 min Scan# 183

Delta R.T. -0.01 min

Lab File: VD063512.D

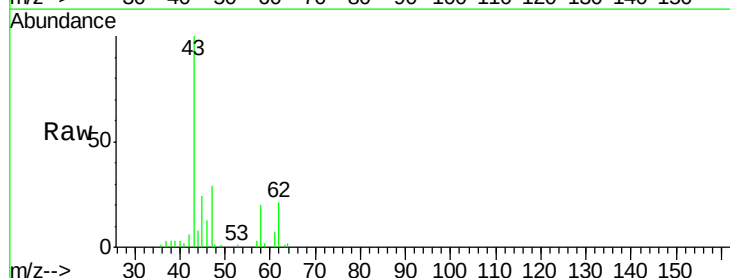
Acq: 13 Aug 2019 4:13

Tgt Ion: 43 Resp: 247851

Ion Ratio Lower Upper

43 100

58 19.6 11.4 17.2#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

100000

80000

60000

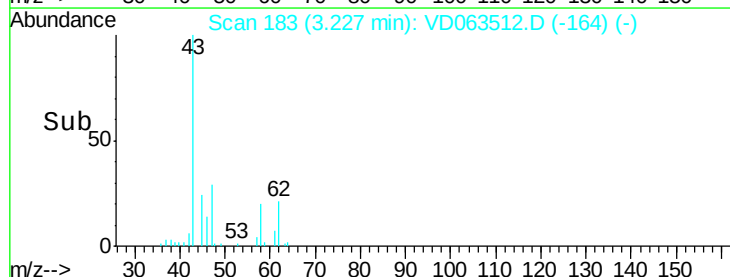
40000

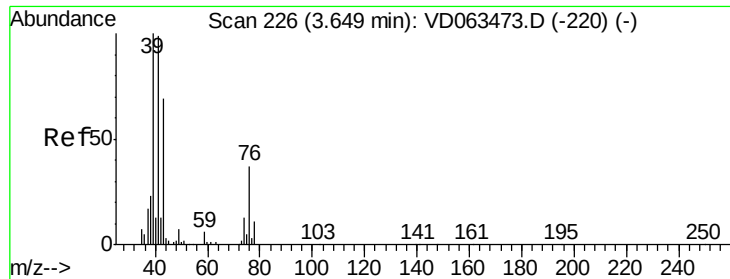
20000

0

3.10 3.20 3.30 3.40

Time-->

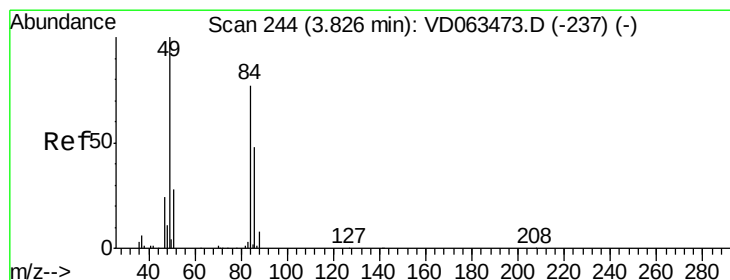
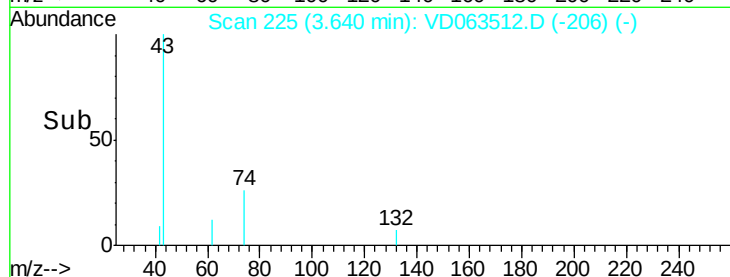
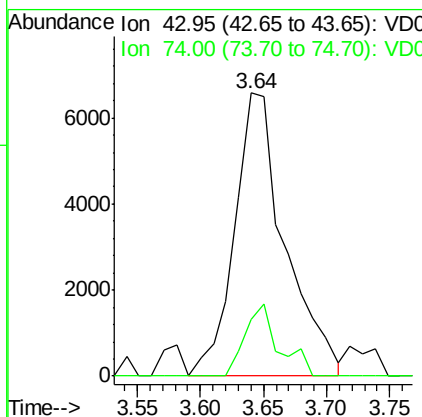
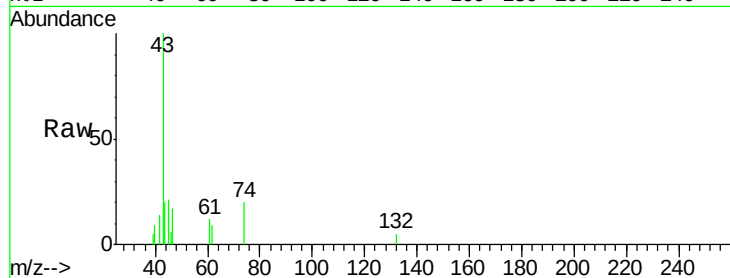




#18
Methvl Acetate
Concen: 6.040 ug/l
RT: 3.64 min Scan# 225
Delta R.T. -0.01 min
Lab File: VD063512.D
Acq: 13 Aug 2019 4:13

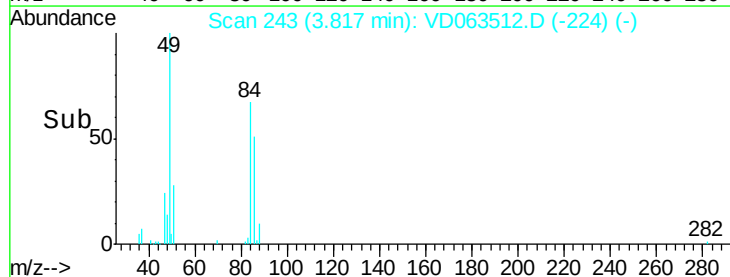
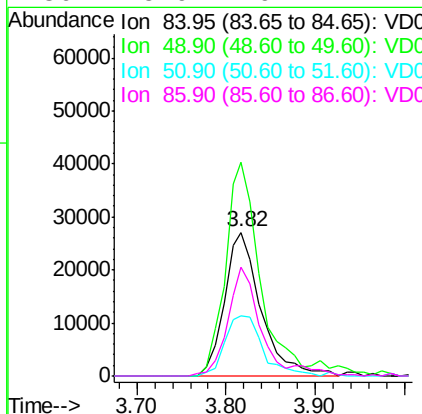
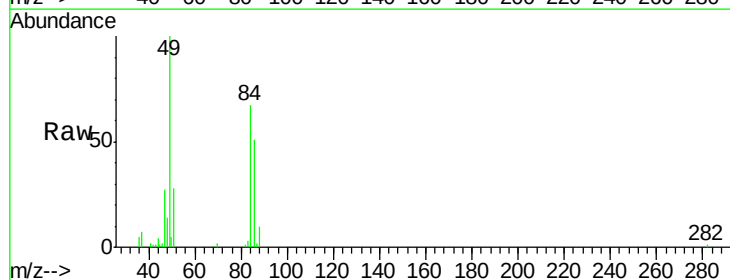
Instrument :
MSVOA_D
ClientSampleId :
SP-11RE

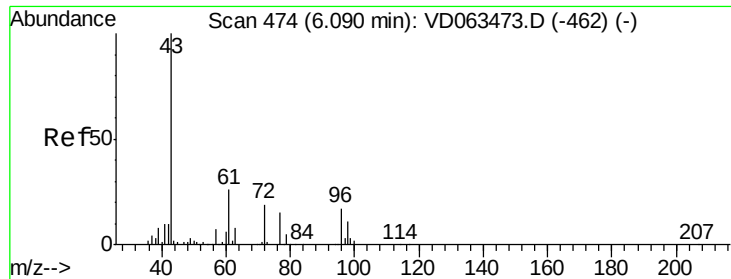
Tot Ion: 43 Resp: 18328
Ion Ratio Lower Upper
43 100
74 20.2 15.4 23.2



#20
Methylene Chloride
Concen: 11.200 ug/l
RT: 3.82 min Scan# 243
Delta R.T. -0.01 min
Lab File: VD063512.D
Acq: 13 Aug 2019 4:13

Tgt Ion: 84 Resp: 77583
Ion Ratio Lower Upper
84 100
49 148.9 103.4 155.2
51 41.6 28.5 42.7
86 75.9 49.4 74.2#





#25

2-Butanone

Concen: 20.910 ug/l

RT: 6.09 min Scan# 474

Delta R.T. 0.00 min

Lab File: VD063512.D

Acq: 13 Aug 2019 4:13

Instrument :

MSVOA_D

ClientSampleId :

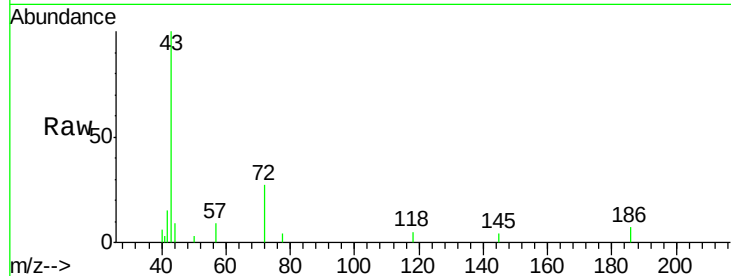
SP-11RE

Tot Ion: 43 Resp: 33083

Ion Ratio Lower Upper

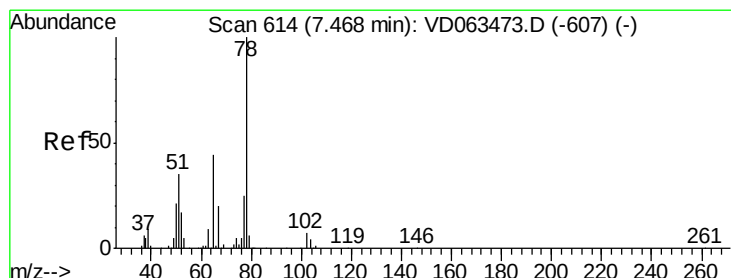
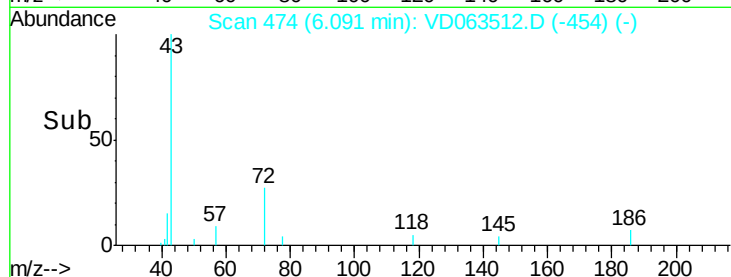
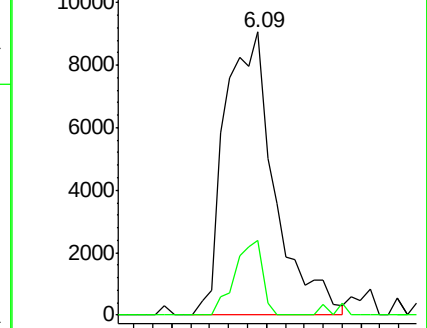
43 100

72 26.5 15.1 22.7#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#33

1,2-Dichloroethane-d4

Concen: 47.818 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.02 min

Lab File: VD063512.D

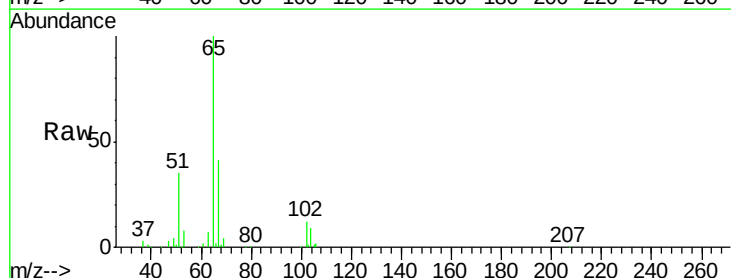
Acq: 13 Aug 2019 4:13

Tgt Ion: 65 Resp: 376831

Ion Ratio Lower Upper

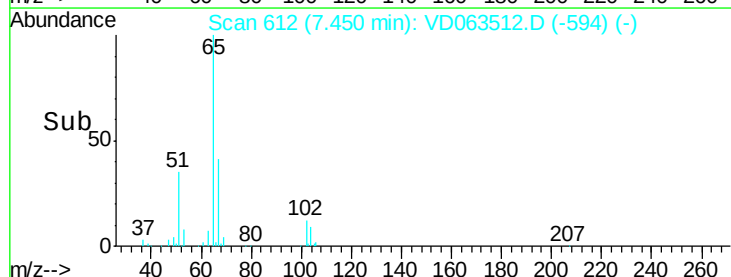
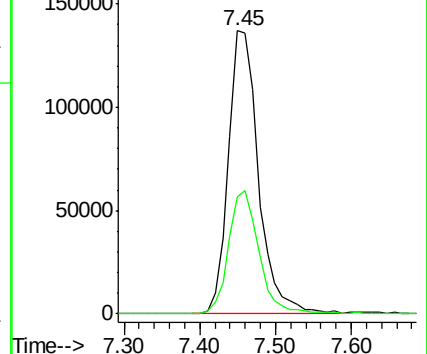
65 100

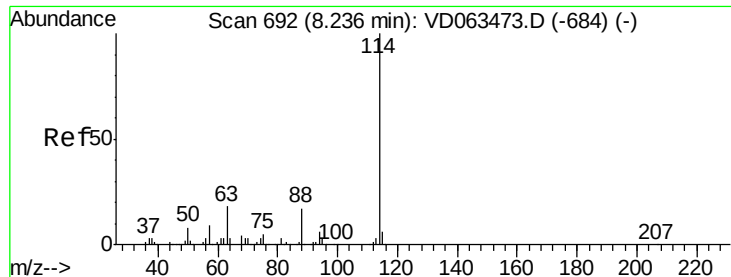
67 41.3 0.0 89.2



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: 8.22 min Scan# 690

Delta R.T. -0.02 min

Lab File: VD063512.D

Acq: 13 Aug 2019 4:13

Instrument :

MSVOA_D

ClientSampleId :

SP-11RE

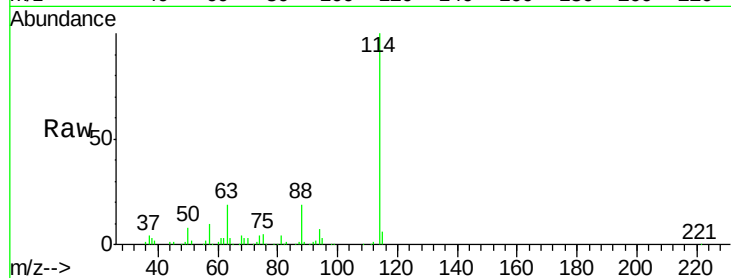
Tot Ion:114 Resp: 1031147

Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.2

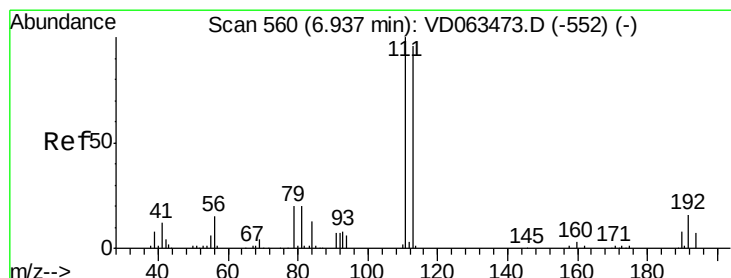
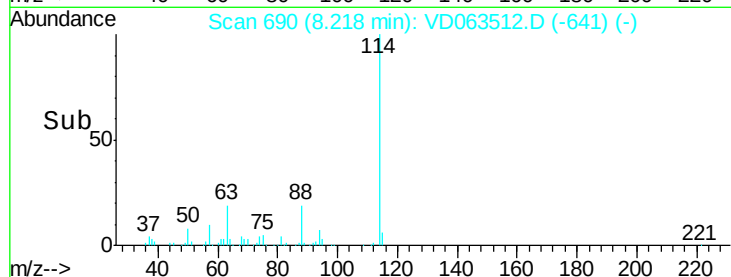
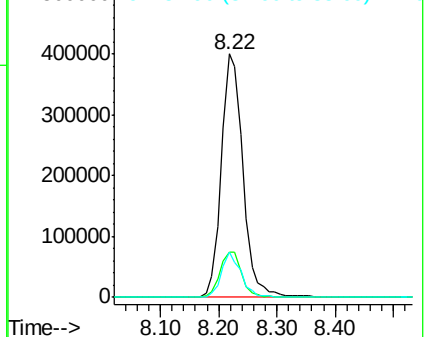
88 18.7 0.0 35.0



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: 26.415 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD063512.D

Acq: 13 Aug 2019 4:13

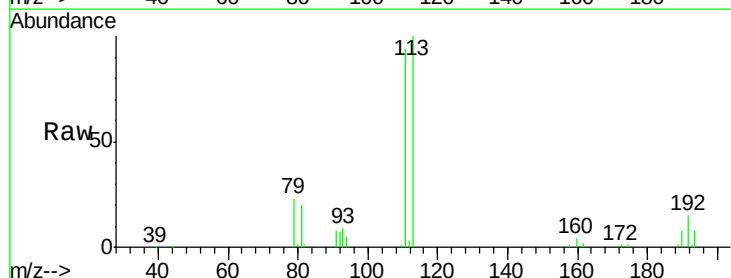
Tgt Ion:113 Resp: 229400

Ion Ratio Lower Upper

113 100

111 94.2 83.1 124.7

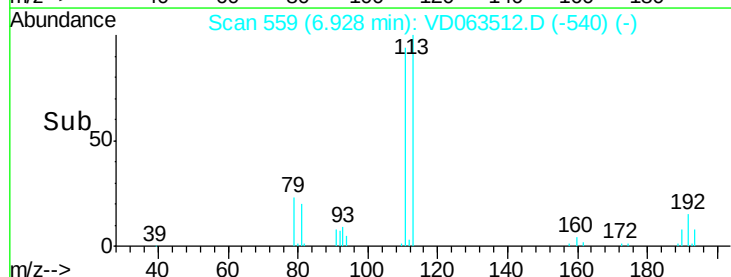
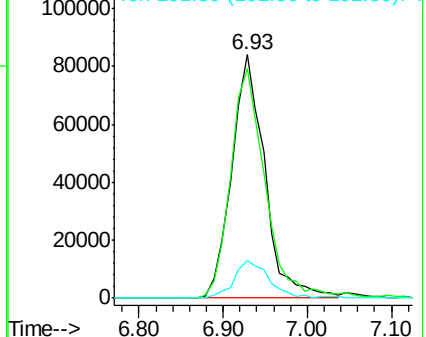
192 15.4 13.1 19.7

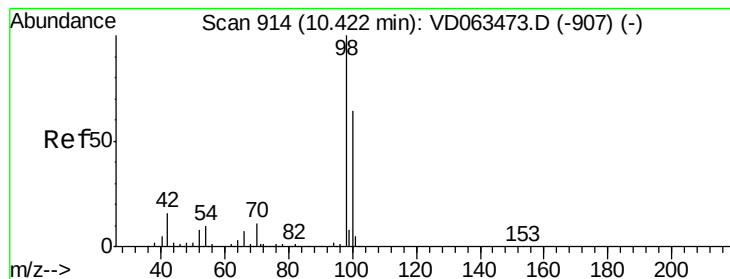


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 13.504 ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.01 min

Lab File: VD063512.D

Acq: 13 Aug 2019 4:13

Instrument :

MSVOA_D

ClientSampleId :

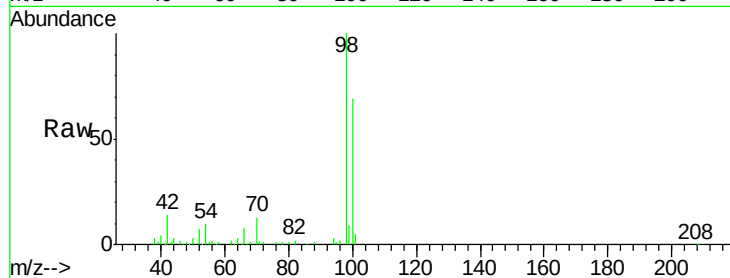
SP-11RE

Tot Ion: 98 Resp: 257841

Ion Ratio Lower Upper

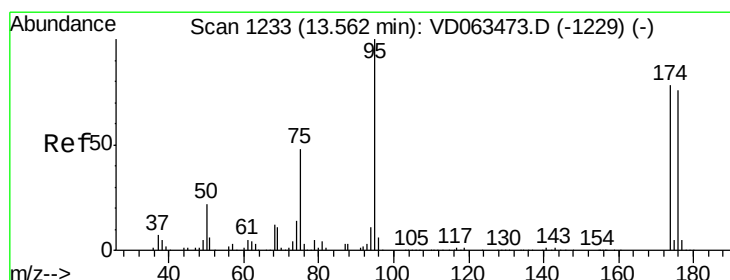
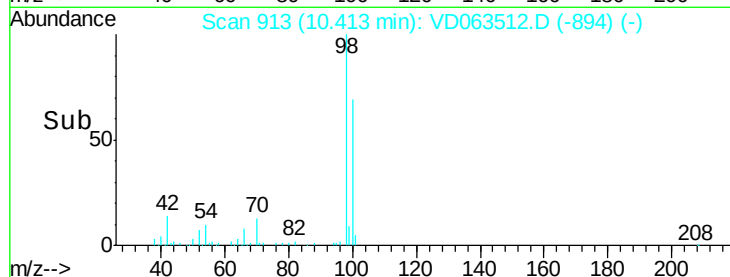
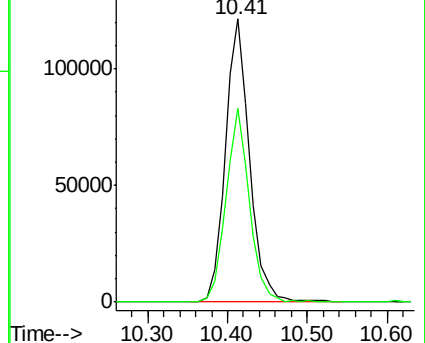
98 100

100 68.5 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: 22.138 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD063512.D

Acq: 13 Aug 2019 4:13

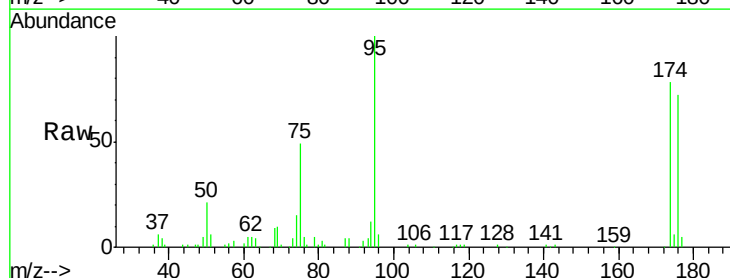
Tgt Ion: 95 Resp: 191580

Ion Ratio Lower Upper

95 100

174 78.0 0.0 155.4

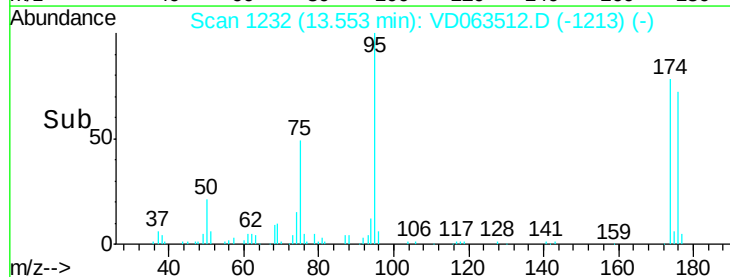
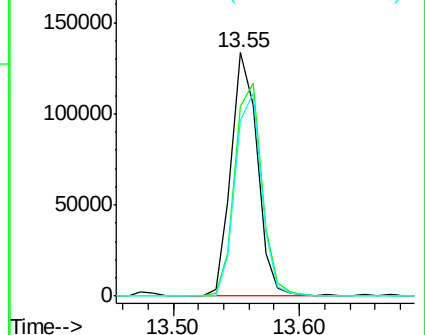
176 72.3 0.0 152.4

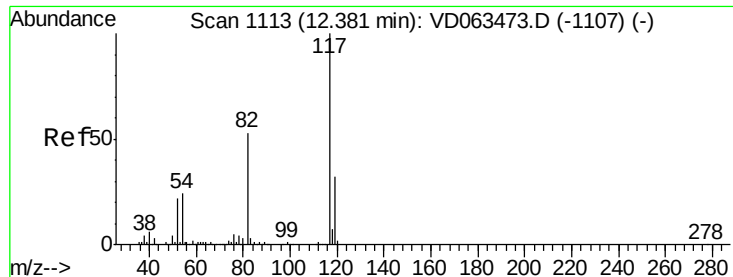


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

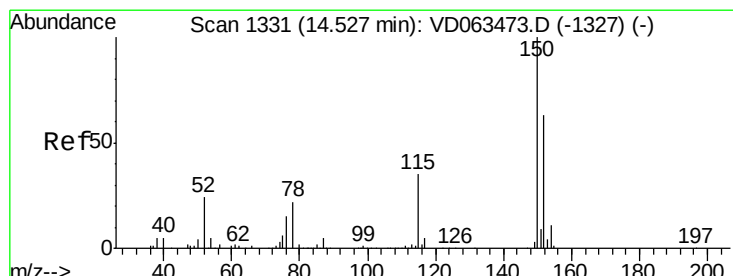
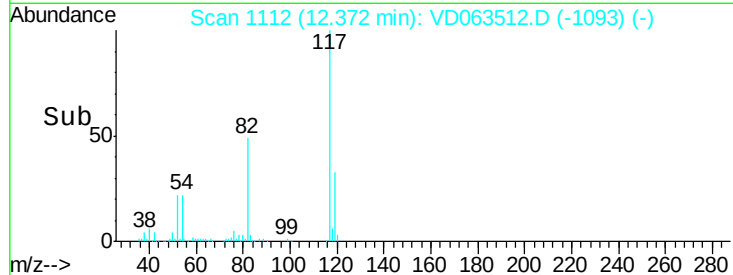
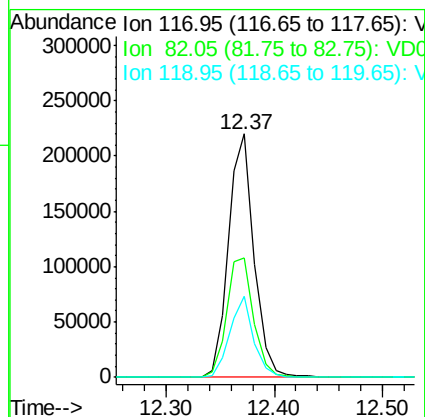
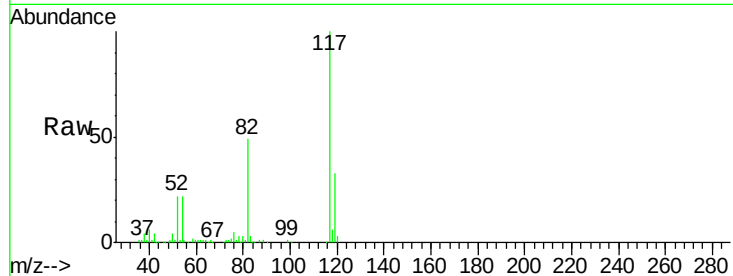




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD063512.D
Acq: 13 Aug 2019 4:13

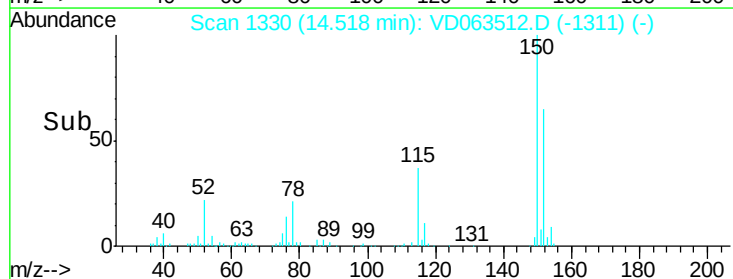
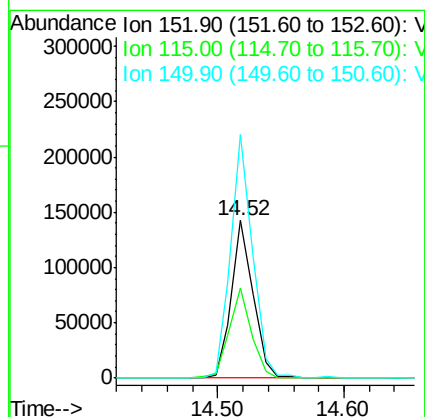
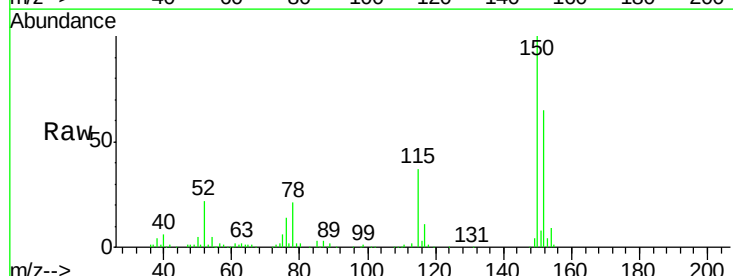
Instrument :
MSVOA_D
ClientSampleId :
SP-11RE

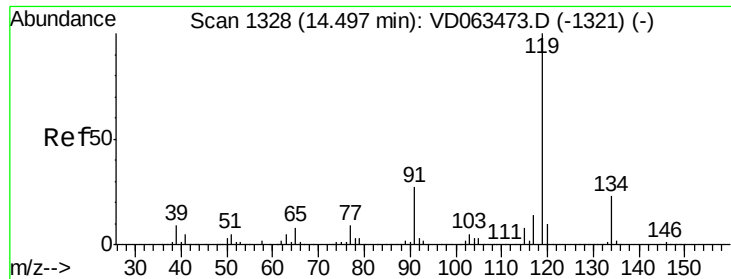
Tot Ion:117 Resp: 360651
Ion Ratio Lower Upper
117 100
82 49.3 42.0 63.0
119 33.4 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD063512.D
Acq: 13 Aug 2019 4:13

Tgt Ion:152 Resp: 169480
Ion Ratio Lower Upper
152 100
115 57.2 30.9 92.7
150 154.7 0.0 318.6

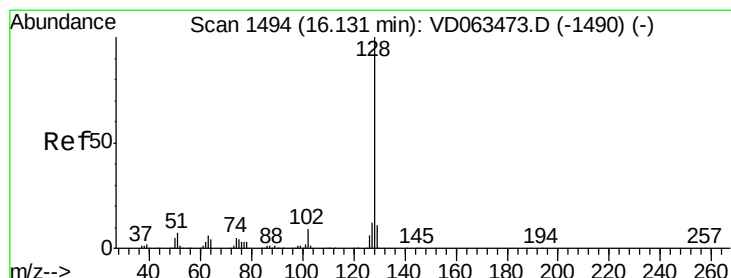
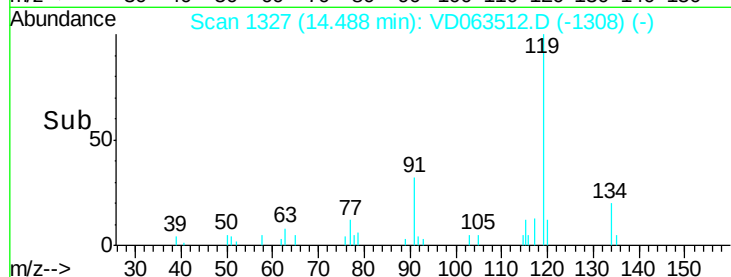
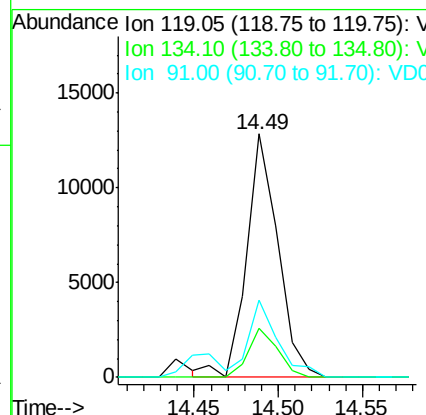
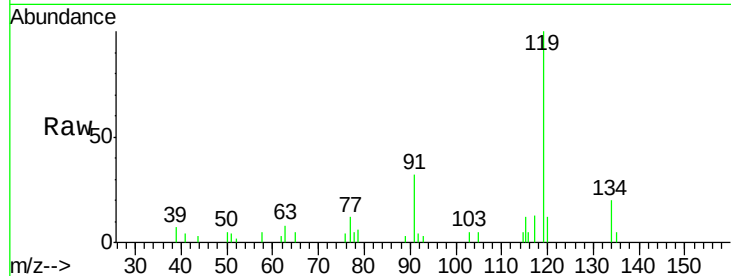




#86
 p-Isopropyltoluene
 Concen: 1.637 ug/l
 RT: 14.49 min Scan# 1327
 Delta R.T. -0.01 min
 Lab File: VD063512.D
 Acq: 13 Aug 2019 4:13

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-11RE

Tot Ion	Ratio	Lower	Upper
119	100		
134	20.3	11.3	33.8
91	31.9	13.5	40.4



#95
 Naphthalene
 Concen: 1.361 ug/l
 RT: 16.12 min Scan# 1493
 Delta R.T. -0.01 min
 Lab File: VD063512.D
 Acq: 13 Aug 2019 4:13

Tgt Ion	Ratio	Lower	Upper
128	100		
127	0.0	9.4	14.0#
129	9.8	8.5	12.7

