

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032219\
 Data File : VD061268.D
 Acq On : 22 Mar 2019 18:37
 Operator : VA/AP
 Sample : K2004-08RE
 Misc : 3.74g/5ml/MSVOA D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-19B(13.5-14.5)RE

Quant Time: Mar 23 00:44:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

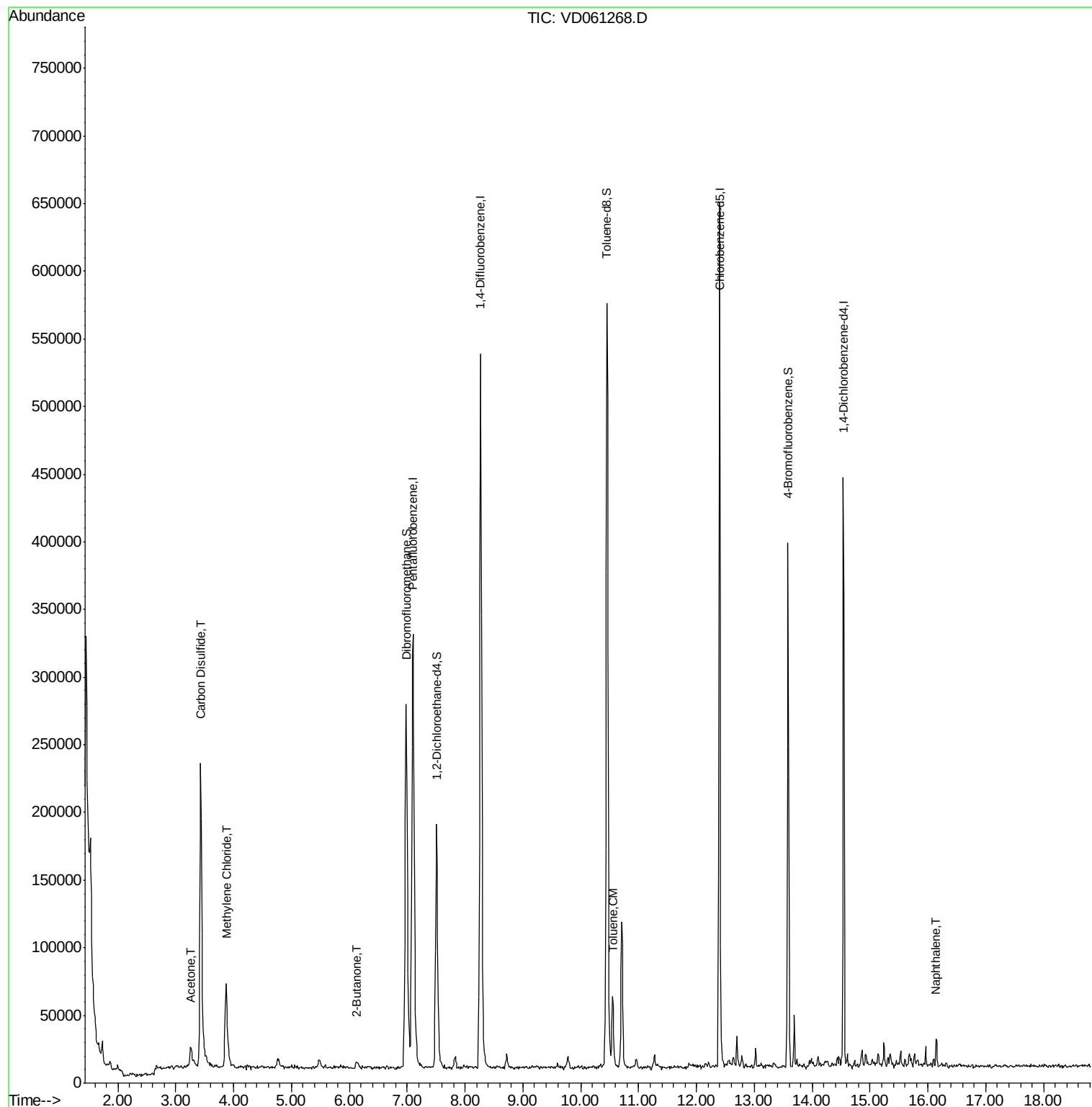
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.10	168	356108	50.00	ug/l	0.06
34) 1,4-Difluorobenzene	8.26	114	663395	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.40	117	397065	50.00	ug/l	0.04
72) 1,4-Dichlorobenzene-d4	14.54	152	108031	50.00	ug/l	0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.51	65	167853	56.63	ug/l	0.06
Spiked Amount 50.000			Recovery	=	113.26%	
35) Dibromofluoromethane	6.98	113	267040	54.24	ug/l	0.06
Spiked Amount 50.000			Recovery	=	108.48%	
50) Toluene-d8	10.45	98	501429	40.56	ug/l	0.05
Spiked Amount 50.000			Recovery	=	81.12%	
62) 4-Bromofluorobenzene	13.58	95	121733	25.38	ug/l	0.03
Spiked Amount 50.000			Recovery	=	50.76%	
Target Compounds						
					Qvalue	
16) Acetone	3.25	43	31711	37.411	ug/l	97
17) Carbon Disulfide	3.43	76	444138	36.833	ug/l	99
20) Methylene Chloride	3.86	84	50258	9.198	ug/l	97
25) 2-Butanone	6.12	43	10074	10.474	ug/l	96
52) Toluene	10.55	92	27287	3.071	ug/l	85
95) Naphthalene	16.14	128	14578	6.990	ug/l	96

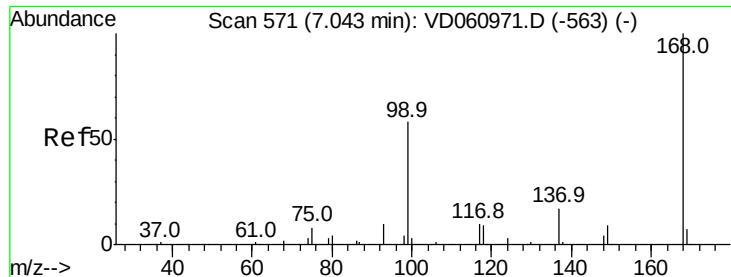
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032219\
Data File : VD061268.D
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SB-19B(13.5-14.5)RE

Quant Time: Mar 23 00:44:31 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.10 min Scan# 577

Delta R.T. 0.06 min

Lab File: VD061268.D

Acq: 22 Mar 2019 18:37

Instrument :

MSVOA_D

ClientSampleId :

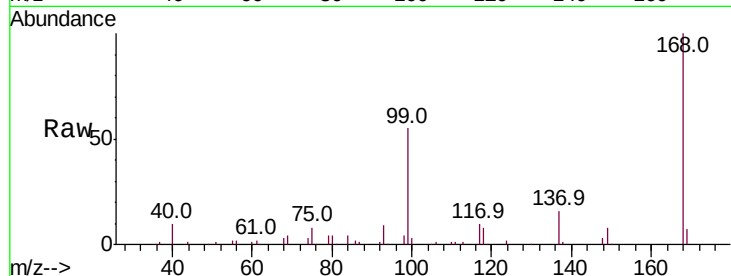
SB-19B(13.5-14.5)RE

Tot Ion:168 Resp: 356108

Ion Ratio Lower Upper

168 100

99 54.8 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.10

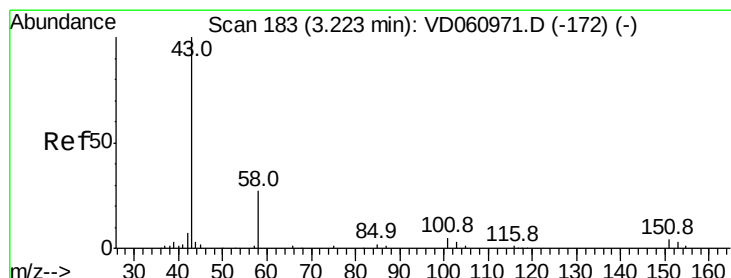
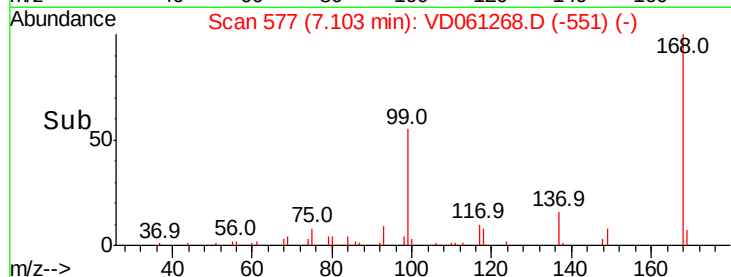
100000

50000

0

Time-->

7.00 7.10 7.20



#16

Acetone

Concen: 37.411 ug/l

RT: 3.25 min Scan# 186

Delta R.T. 0.03 min

Lab File: VD061268.D

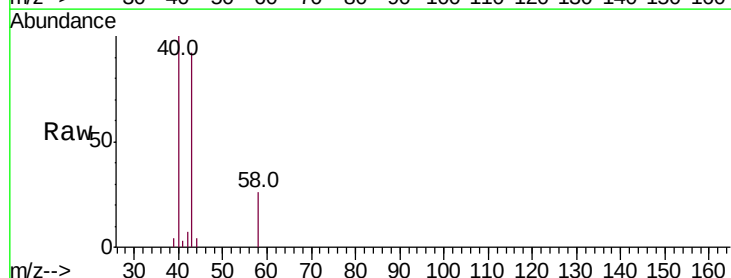
Acq: 22 Mar 2019 18:37

Tgt Ion: 43 Resp: 31711

Ion Ratio Lower Upper

43 100

58 28.7 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.25

12000

10000

8000

6000

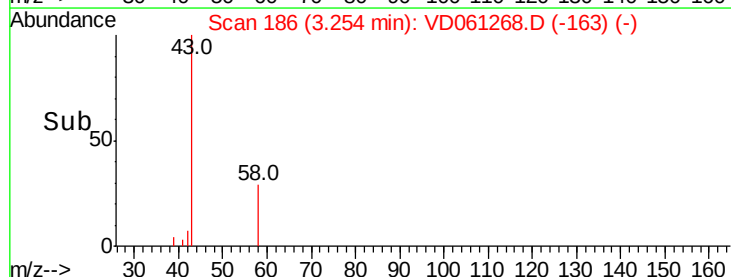
4000

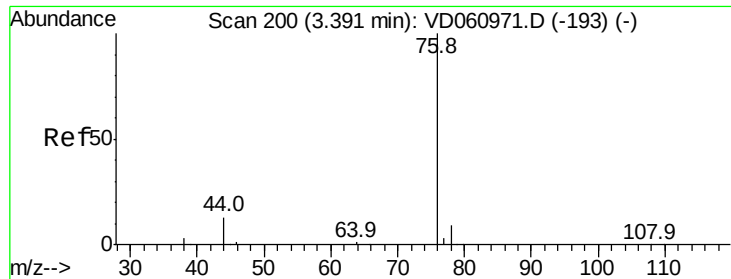
2000

0

Time-->

3.20 3.30 3.40





#17

Carbon Disulfide

Concen: 36.833 ug/l

RT: 3.43 min Scan# 204

Delta R.T. 0.04 min

Lab File: VD061268.D

Acq: 22 Mar 2019 18:37

Instrument :

MSVOA_D

ClientSampleId :

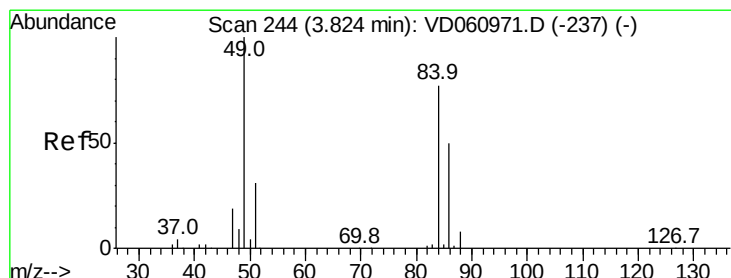
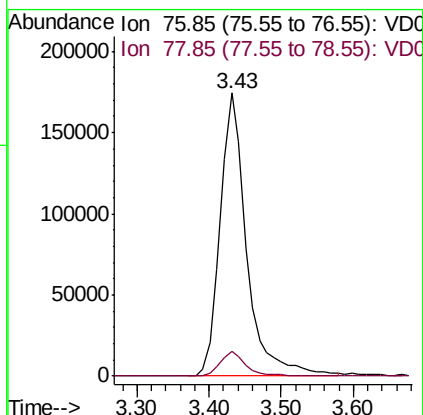
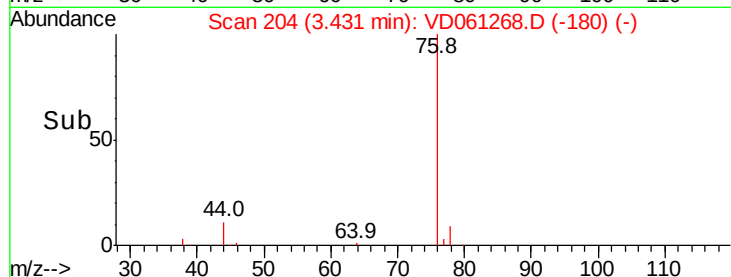
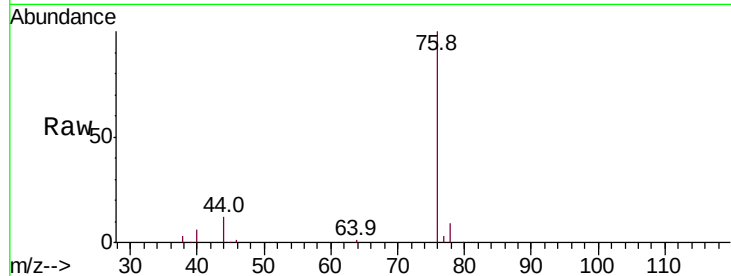
SB-19B(13.5-14.5)RE

Tot Ion: 76 Resp: 444138

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.2



#20

Methylene Chloride

Concen: 9.198 ug/l

RT: 3.86 min Scan# 248

Delta R.T. 0.04 min

Lab File: VD061268.D

Acq: 22 Mar 2019 18:37

Tgt Ion: 84 Resp: 50258

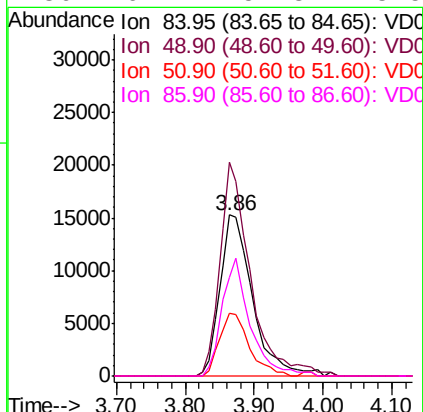
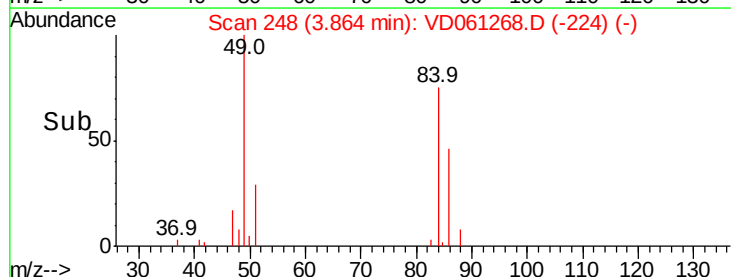
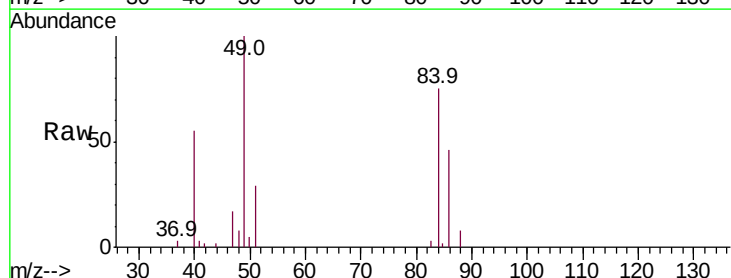
Ion Ratio Lower Upper

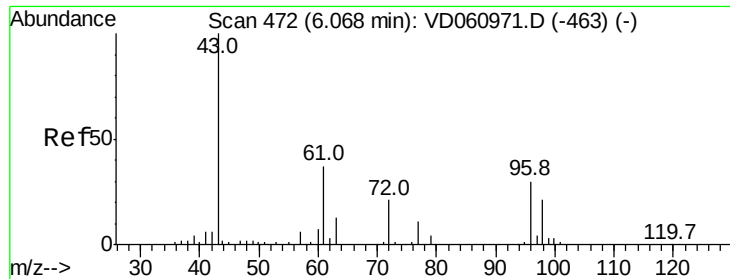
84 100

49 132.8 104.2 156.2

51 39.1 32.3 48.5

86 61.2 52.3 78.5





#25

2-Butanone

Concen: 10.474 ug/l

RT: 6.12 min Scan# 477

Delta R.T. 0.05 min

Lab File: VD061268.D

Acq: 22 Mar 2019 18:37

Instrument :

MSVOA_D

ClientSampleId :

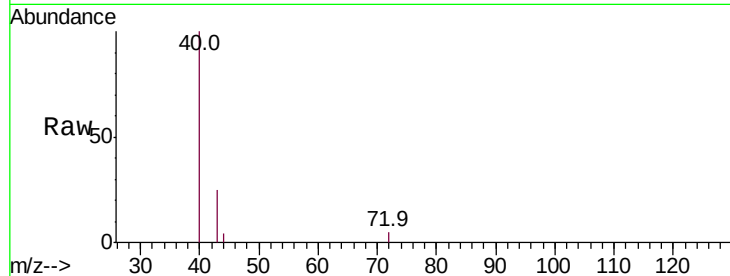
SB-19B(13.5-14.5)RE

Tot Ion: 43 Resp: 10074

Ion Ratio Lower Upper

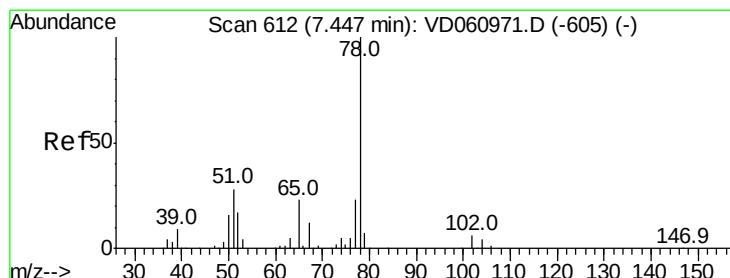
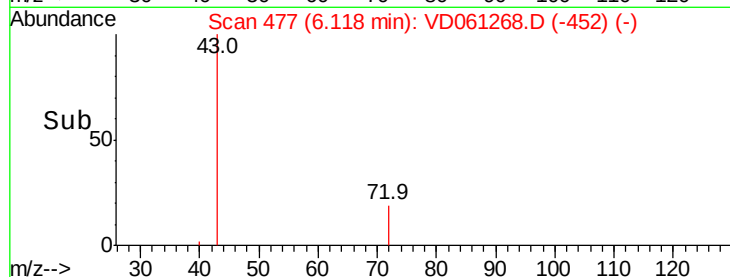
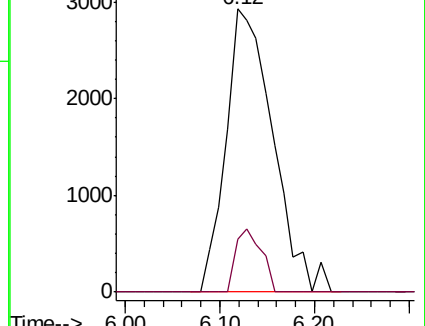
43 100

72 18.9 16.7 25.1



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: N.D. ug/l

RT: 7.51 min Scan# 618

Delta R.T. 0.06 min

Lab File: VD061268.D

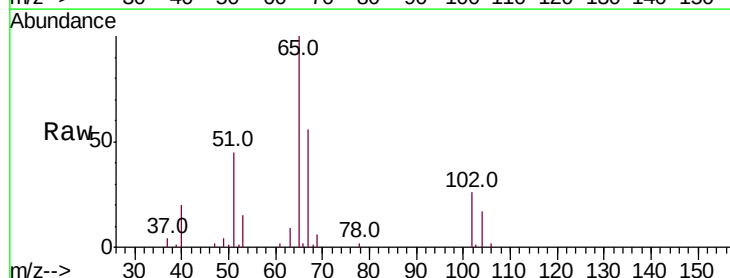
Acq: 22 Mar 2019 18:37

Tgt Ion: 65 Resp: 167853

Ion Ratio Lower Upper

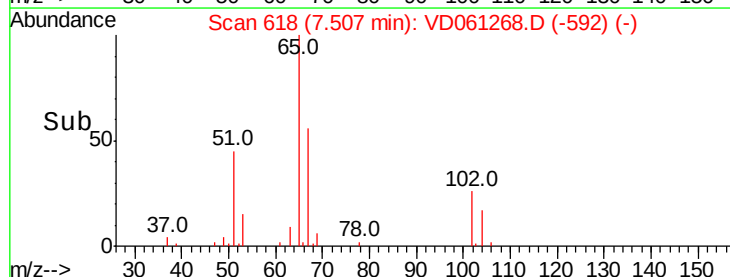
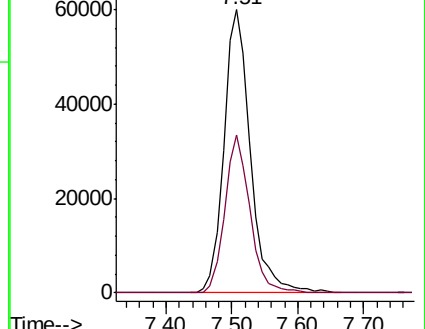
65 100

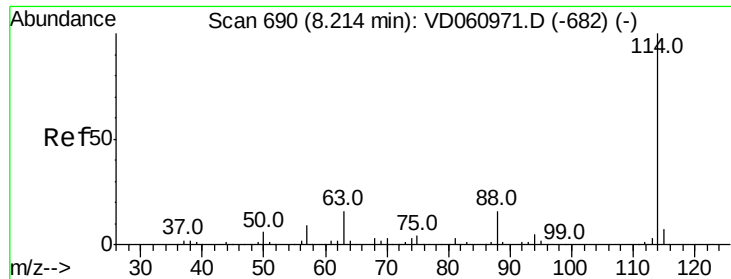
67 55.9 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

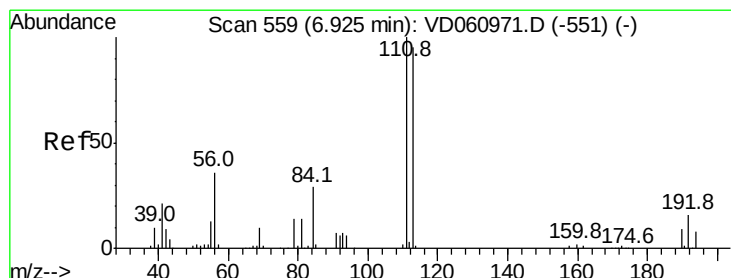
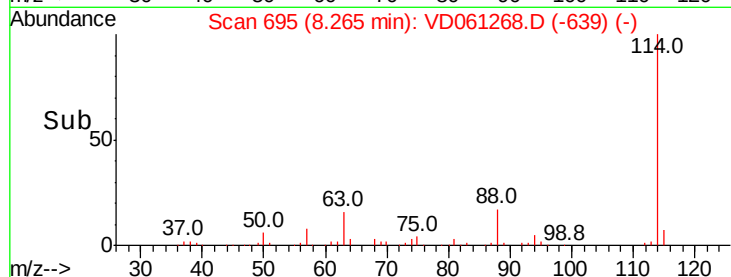
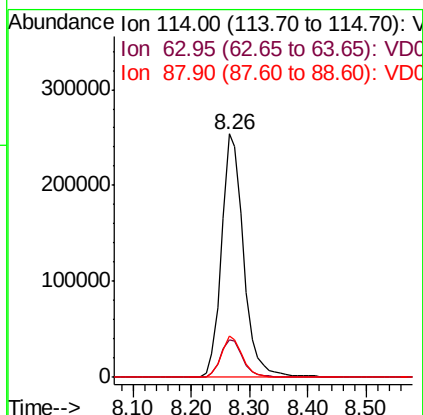
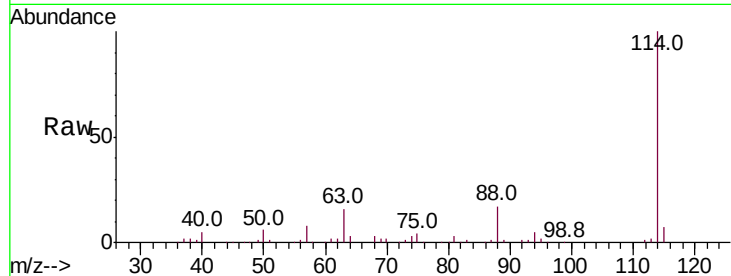




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.26 min Scan# 695
 Delta R.T. 0.05 min
 Lab File: VD061268.D
 Acq: 22 Mar 2019 18:37

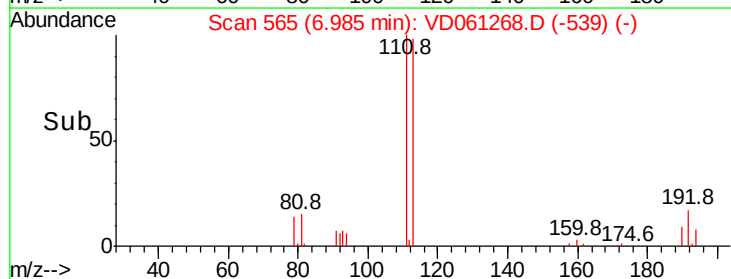
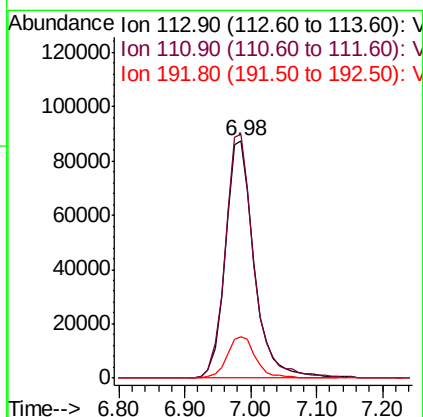
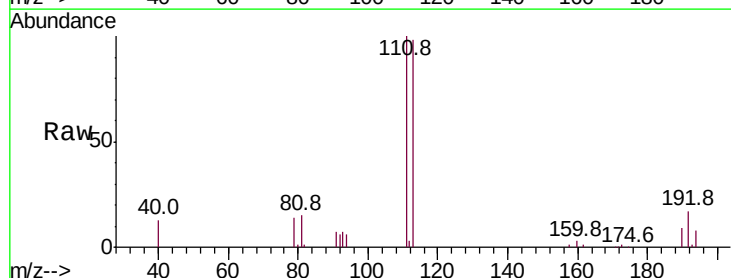
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-19B(13.5-14.5)RE

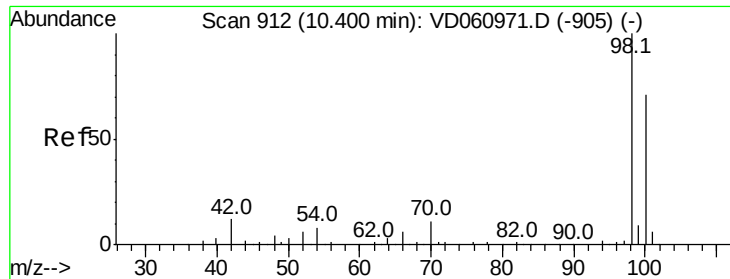
Tot Ion:	114	Resp:	663395
Ion	Ratio	Lower	Upper
114	100		
63	15.6	0.0	31.4
88	16.9	0.0	33.0



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.98 min Scan# 565
 Delta R.T. 0.06 min
 Lab File: VD061268.D
 Acq: 22 Mar 2019 18:37

Tgt Ion:	113	Resp:	267040
Ion	Ratio	Lower	Upper
113	100		
111	102.6	84.2	126.4
192	17.5	13.1	19.7





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.45 min Scan# 917

Delta R.T. 0.05 min

Lab File: VD061268.D

Acq: 22 Mar 2019 18:37

Instrument :

MSVOA_D

ClientSampleId :

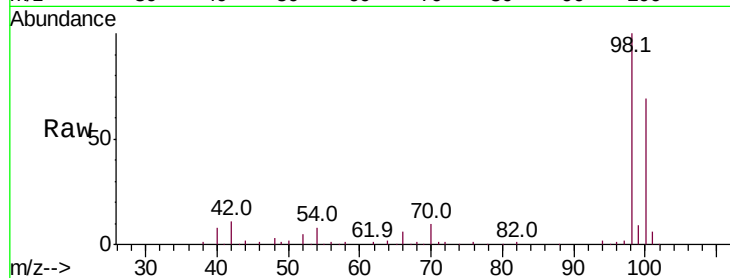
SB-19B(13.5-14.5)RE

Tot Ion: 98 Resp: 501429

Ion Ratio Lower Upper

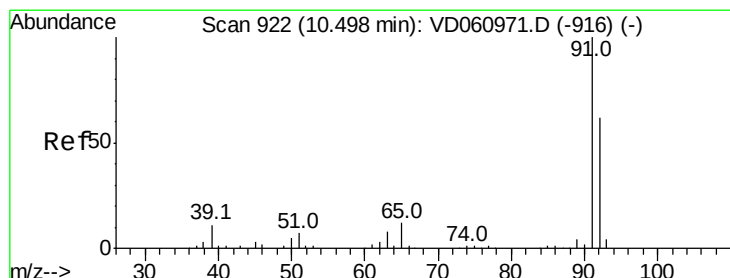
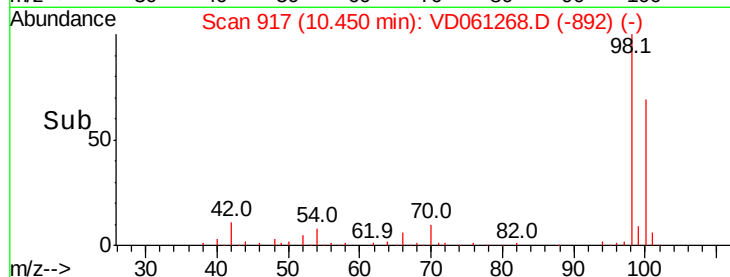
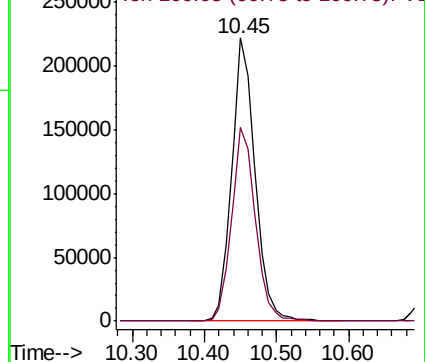
98 100

100 68.7 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC



#52

Toluene

Concen: 3.071 ug/l

RT: 10.55 min Scan# 927

Delta R.T. 0.05 min

Lab File: VD061268.D

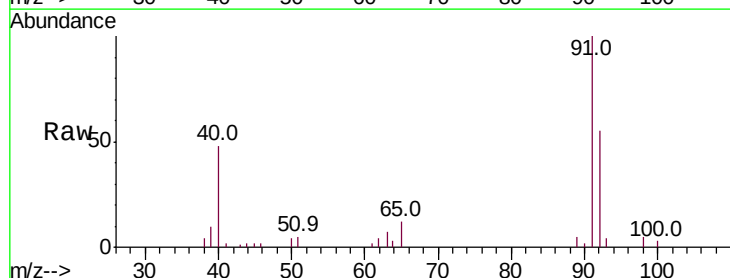
Acq: 22 Mar 2019 18:37

Tgt Ion: 92 Resp: 27287

Ion Ratio Lower Upper

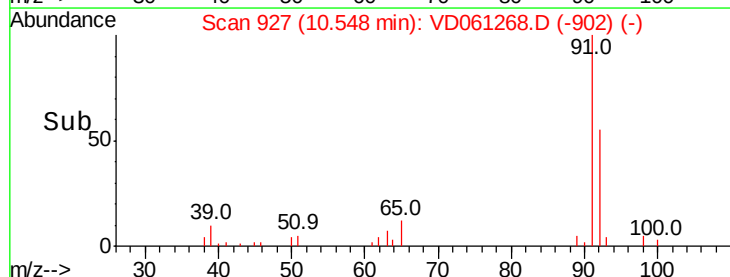
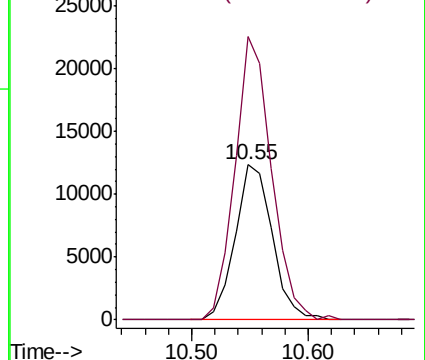
92 100

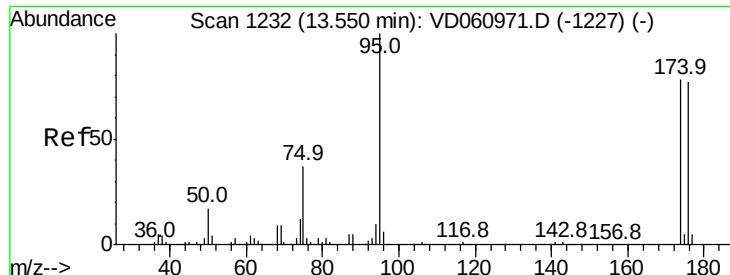
91 182.6 129.8 194.8



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

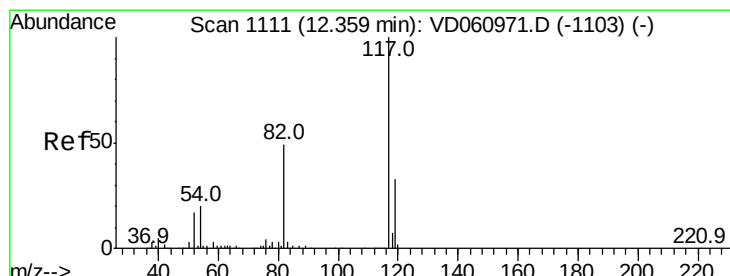
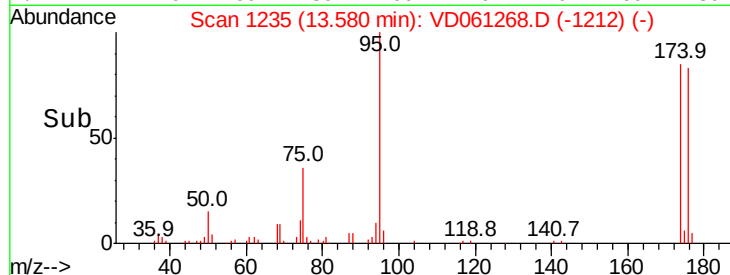
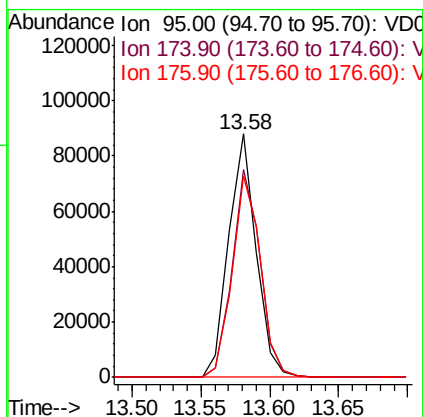
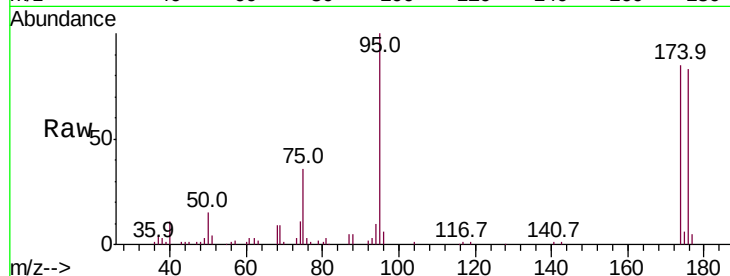




#62
 4-Bromofluorobenzene
 Concen: N.D. ug/l
 RT: 13.58 min Scan# 1235
 Delta R.T. 0.03 min
 Lab File: VD061268.D
 Acq: 22 Mar 2019 18:37

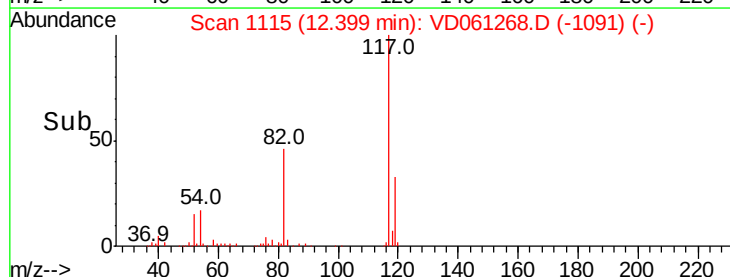
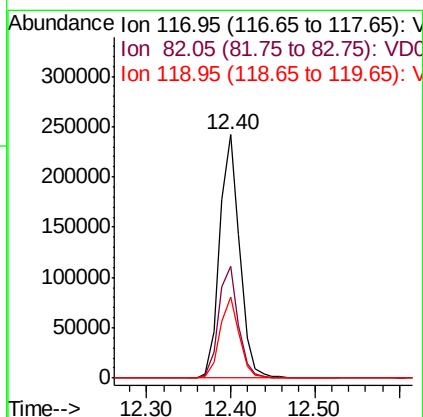
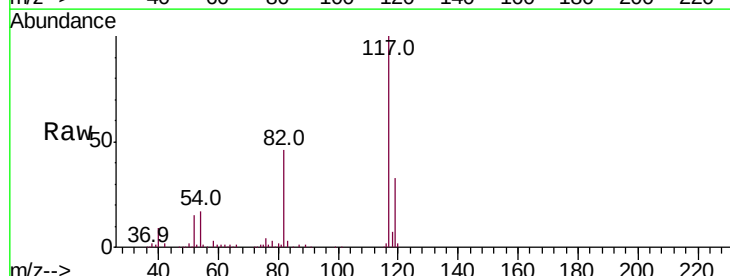
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-19B(13.5-14.5)RE

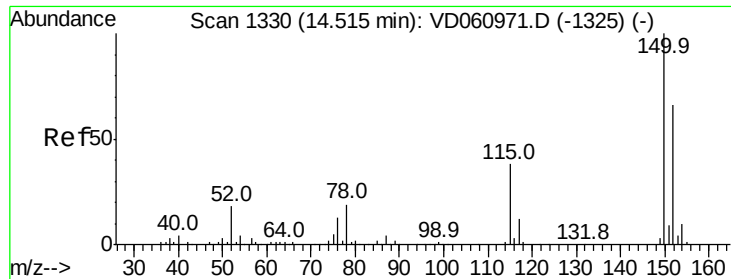
Tot Ion: 95 Resp: 121733
 Ion Ratio Lower Upper
 95 100
 174 85.4 0.0 155.6
 176 82.8 0.0 153.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.40 min Scan# 1115
 Delta R.T. 0.04 min
 Lab File: VD061268.D
 Acq: 22 Mar 2019 18:37

Tgt Ion: 117 Resp: 397065
 Ion Ratio Lower Upper
 117 100
 82 45.7 38.9 58.3
 119 33.4 26.6 39.8

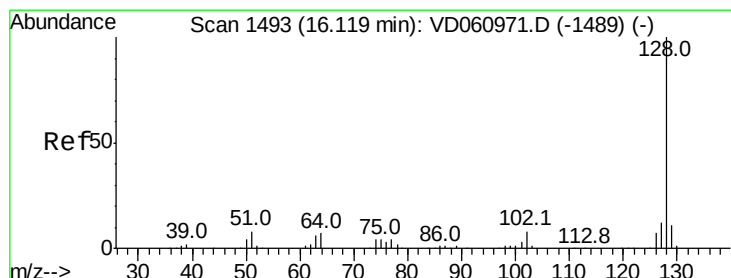
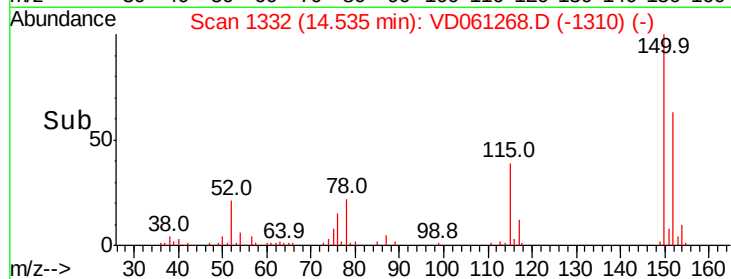
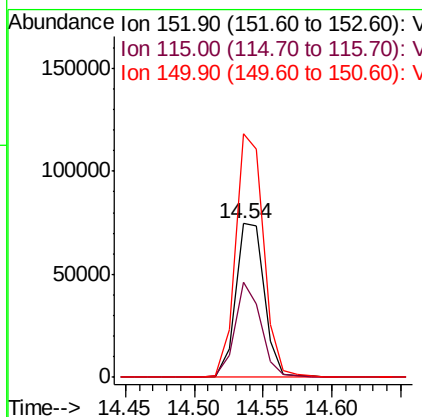
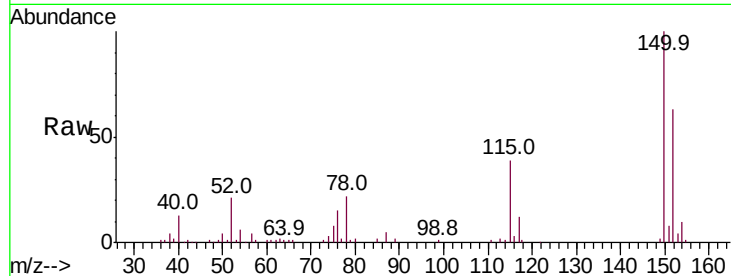




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.54 min Scan# 1332
 Delta R.T. 0.02 min
 Lab File: VD061268.D
 Acq: 22 Mar 2019 18:37

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-19B(13.5-14.5)RE

Tot Ion:152 Resp: 108031
 Ion Ratio Lower Upper
 152 100
 115 61.5 28.6 85.9
 150 158.2 0.0 310.6



#95
 Naphthalene
 Concen: 6.990 ug/l
 RT: 16.14 min Scan# 1495
 Delta R.T. 0.02 min
 Lab File: VD061268.D
 Acq: 22 Mar 2019 18:37

Tgt Ion:128 Resp: 14578
 Ion Ratio Lower Upper
 128 100
 127 11.1 9.8 14.8
 129 12.5 8.5 12.7

