

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
 Data File : VD071556.D
 Acq On : 30 Dec 2021 18:31
 Operator : VA/SY
 Sample : M5256-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BU-03-122921

Quant Time: Dec 31 06:56:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

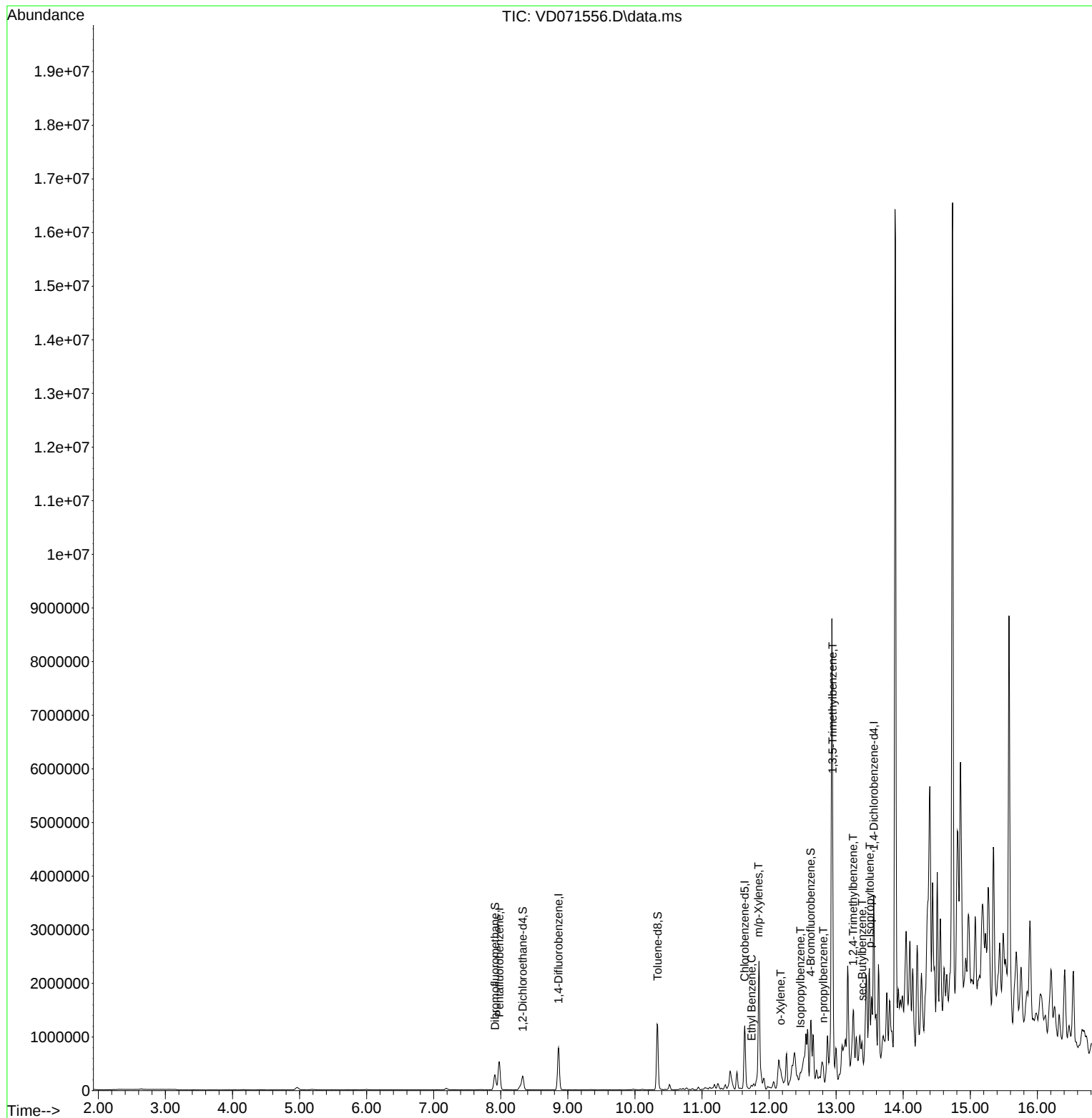
Internal Standards						
1) Pentafluorobenzene	7.979	168	363068	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	617725	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	616258	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	305508	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	197746	41.010	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	82.020%		
35) Dibromofluoromethane	7.914	113	195450	47.078	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.160%		
50) Toluene-d8	10.338	98	783607	49.946	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	99.900%		
62) 4-Bromofluorobenzene	12.620	95	307544	55.164	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	110.320%		
Target Compounds						Qvalue
67) Ethyl Benzene	11.738	91	30204	1.284	ug/l	95
68) m/p-Xylenes	11.844	106	66781	7.472	ug/l	89
69) o-Xylene	12.173	106	45792	5.605	ug/l	89
73) Isopropylbenzene	12.467	105	43399	1.843	ug/l	99
78) n-propylbenzene	12.808	91	154167	5.222	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	277614	14.290	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	591673	30.772	ug/l	99
85) sec-Butylbenzene	13.390	105	145492	5.749	ug/l	87
86) p-Isopropyltoluene	13.502	119	94775	4.513	ug/l	97

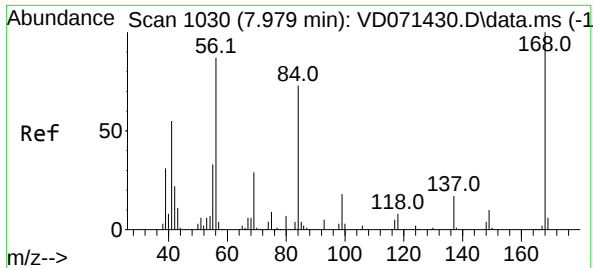
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD123021\
Data File : VD071556.D
Acq On : 30 Dec 2021 18:31
Operator : VA/SY
Sample : M5256-01
Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BU-03-122921

Quant Time: Dec 31 06:56:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 23 08:20:24 2021
Response via : Initial Calibration

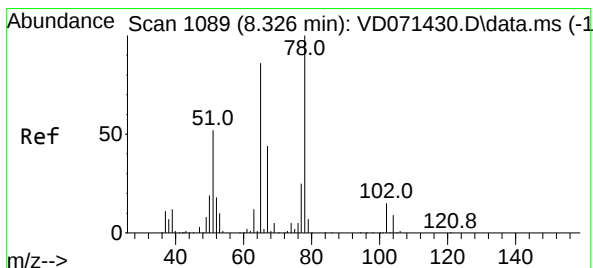
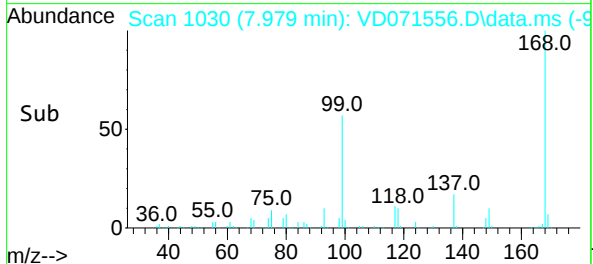
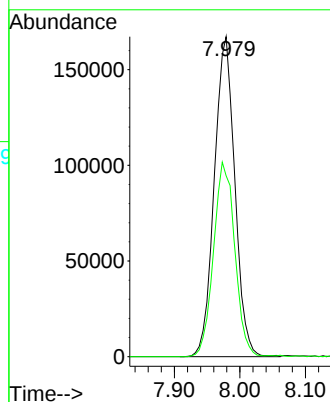
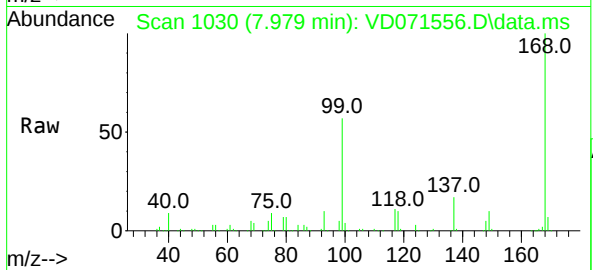




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.006 min
Lab File: VD071556.D
Acq: 30 Dec 2021 18:31

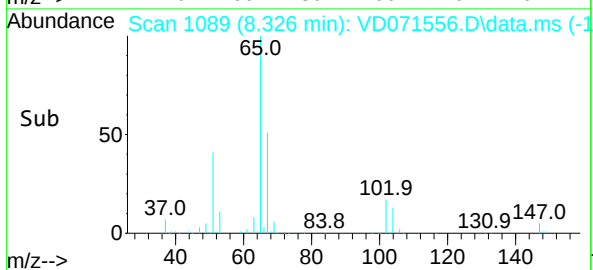
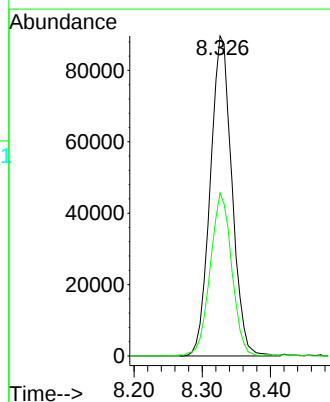
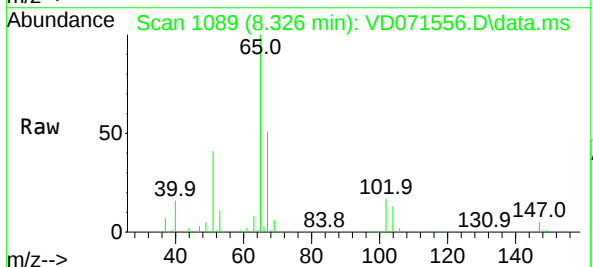
Instrument :
MSVOA_D
ClientSampleId :
BU-03-122921

Tgt Ion:168 Resp: 363068
Ion Ratio Lower Upper
168 100
99 56.6 46.6 69.8



#33
1,2-Dichloroethane-d4
Concen: 41.010 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071556.D
Acq: 30 Dec 2021 18:31

Tgt Ion: 65 Resp: 197746
Ion Ratio Lower Upper
65 100
67 50.7 0.0 112.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071556.D

Acq: 30 Dec 2021 18:31

Instrument :

MSVOA_D

ClientSampleId :

BU-03-122921

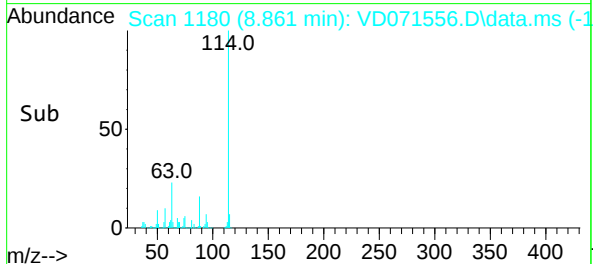
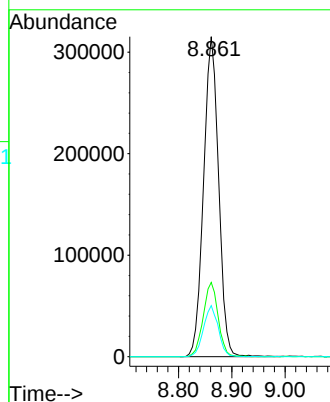
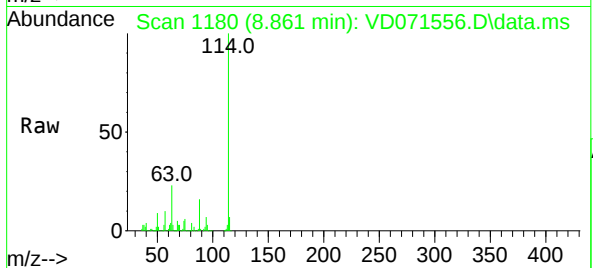
Tgt Ion:114 Resp: 617725

Ion Ratio Lower Upper

114 100

63 23.2 0.0 41.8

88 16.0 0.0 32.8



#35

Dibromofluoromethane

Concen: 47.078 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD071556.D

Acq: 30 Dec 2021 18:31

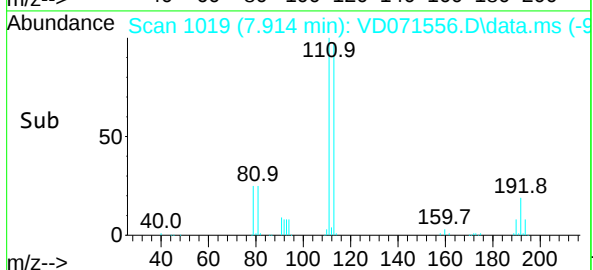
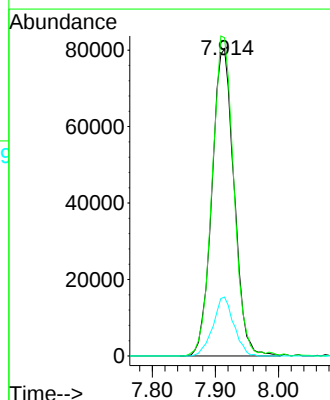
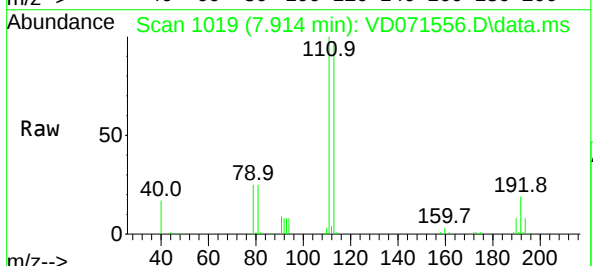
Tgt Ion:113 Resp: 195450

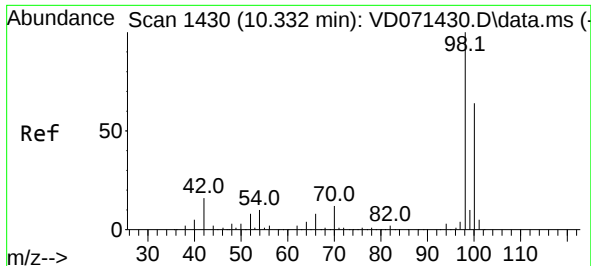
Ion Ratio Lower Upper

113 100

111 102.2 82.0 123.0

192 18.1 15.2 22.8

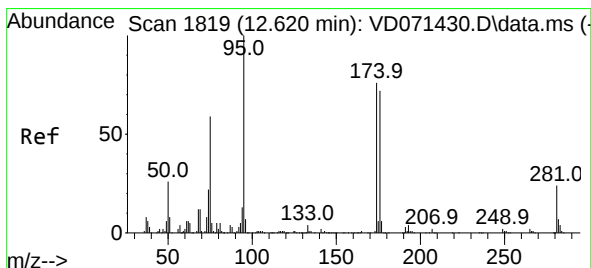
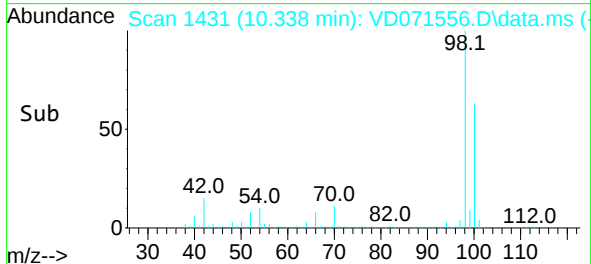
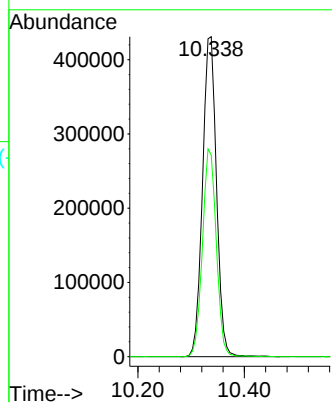
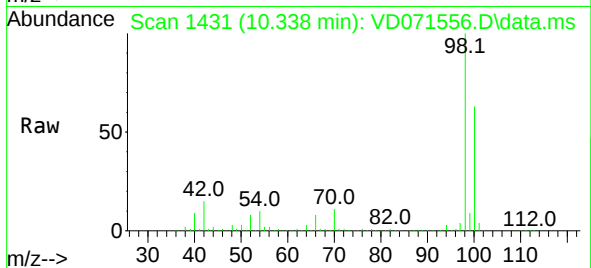




#50
Toluene-d8
Concen: 49.946 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD071556.D
Acq: 30 Dec 2021 18:31

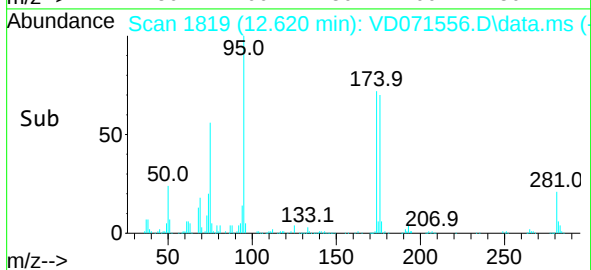
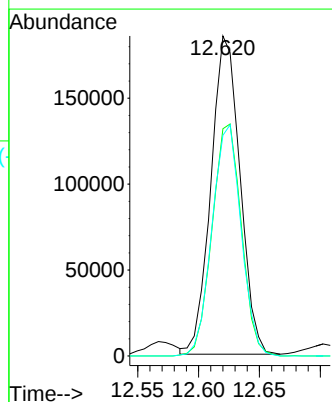
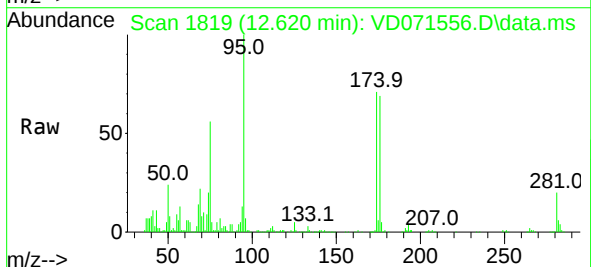
Instrument :
MSVOA_D
ClientSampleId :
BU-03-122921

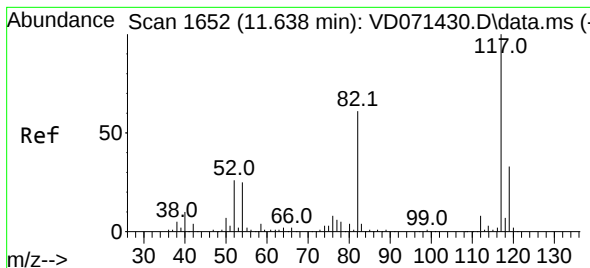
Tgt Ion: 98 Resp: 783607
Ion Ratio Lower Upper
98 100
100 64.4 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 55.164 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071556.D
Acq: 30 Dec 2021 18:31

Tgt Ion: 95 Resp: 307544
Ion Ratio Lower Upper
95 100
174 73.2 0.0 159.4
176 72.6 0.0 154.0

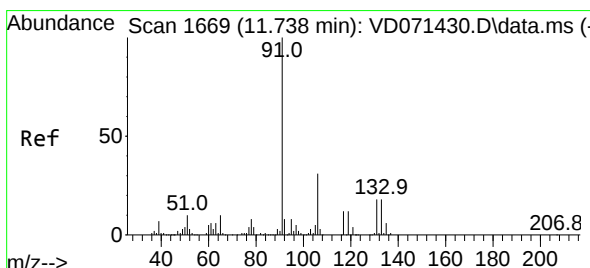
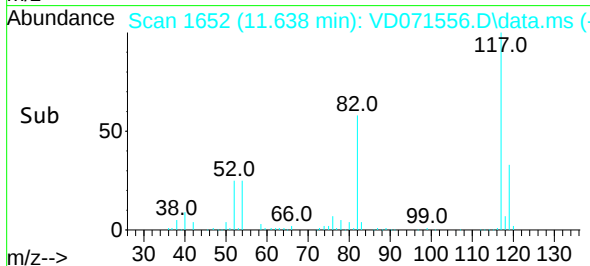
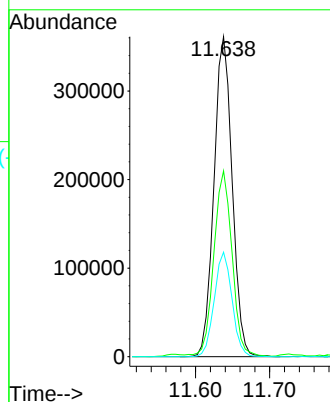
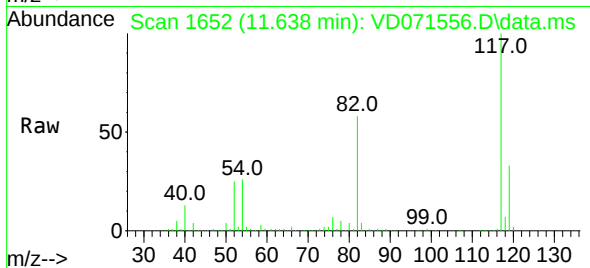




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071556.D
Acq: 30 Dec 2021 18:31

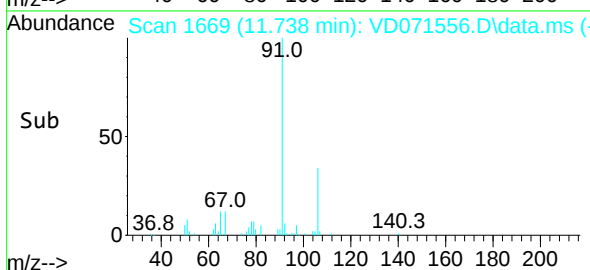
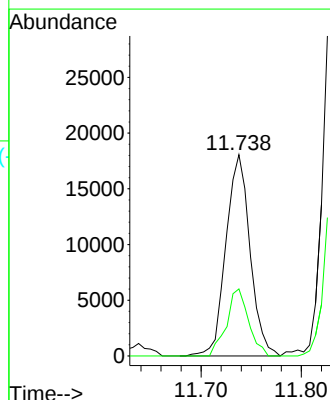
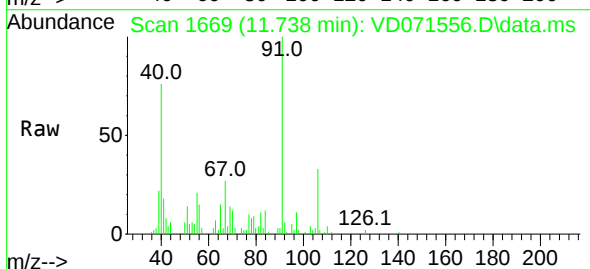
Instrument :
MSVOA_D
ClientSampleId :
BU-03-122921

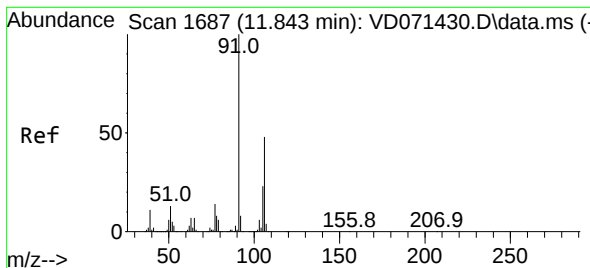
Tgt Ion:117 Resp: 616258
Ion Ratio Lower Upper
117 100
82 57.5 44.7 67.1
119 32.6 26.2 39.4



#67
Ethyl Benzene
Concen: 1.284 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071556.D
Acq: 30 Dec 2021 18:31

Tgt Ion: 91 Resp: 30204
Ion Ratio Lower Upper
91 100
106 33.3 24.6 36.8

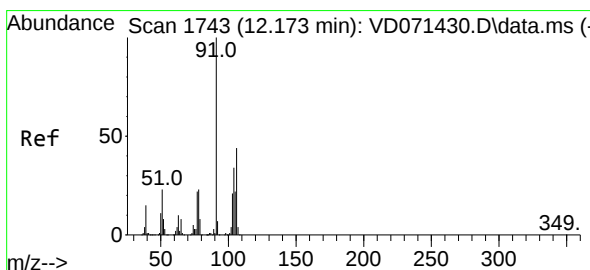
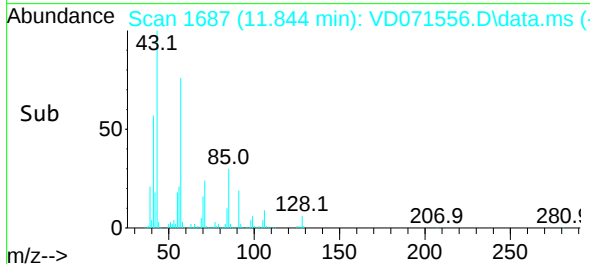
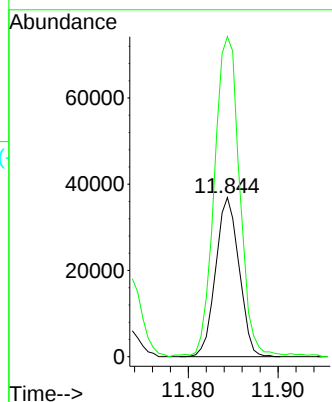
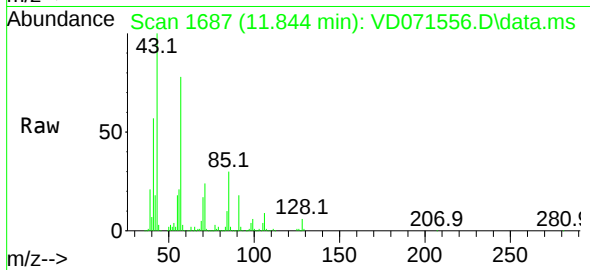




#68
m/p-Xylenes
Concen: 7.472 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.001 min
Lab File: VD071556.D
Acq: 30 Dec 2021 18:31

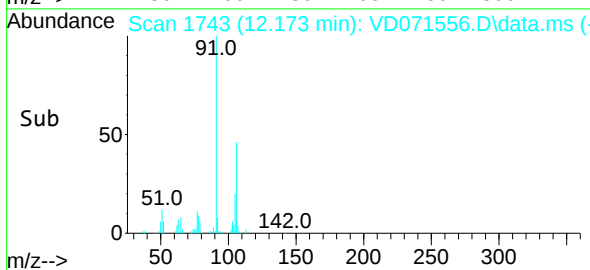
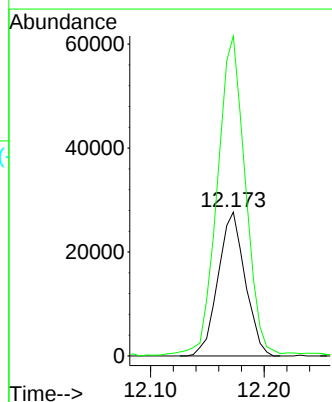
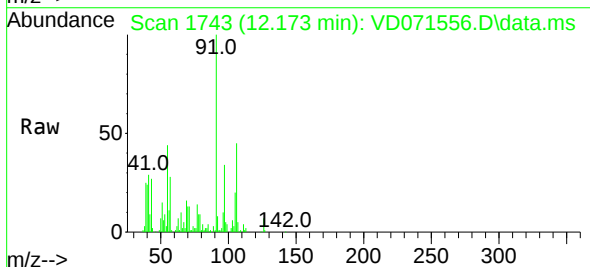
Instrument :
MSVOA_D
ClientSampleId :
BU-03-122921

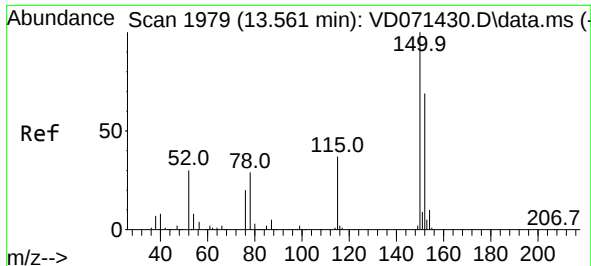
Tgt Ion:106 Resp: 66781
Ion Ratio Lower Upper
106 100
91 217.5 160.1 240.1



#69
o-Xylene
Concen: 5.605 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD071556.D
Acq: 30 Dec 2021 18:31

Tgt Ion:106 Resp: 45792
Ion Ratio Lower Upper
106 100
91 229.6 106.3 319.0

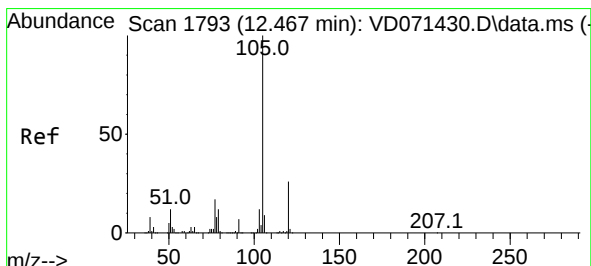
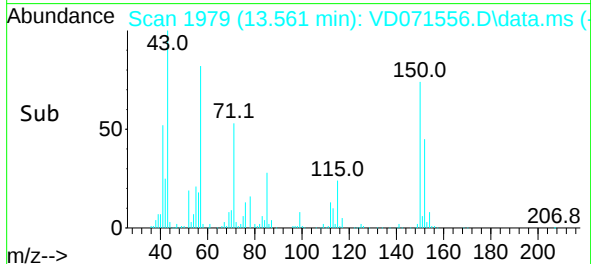
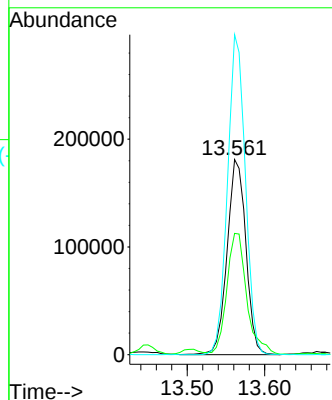
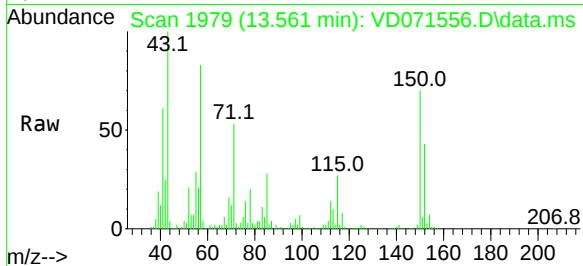




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1799
Delta R.T. 0.000 min
Lab File: VD071556.D
Acq: 30 Dec 2021 18:31

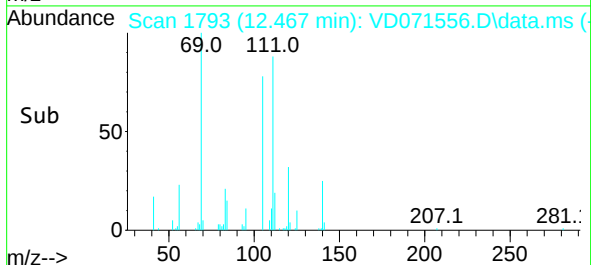
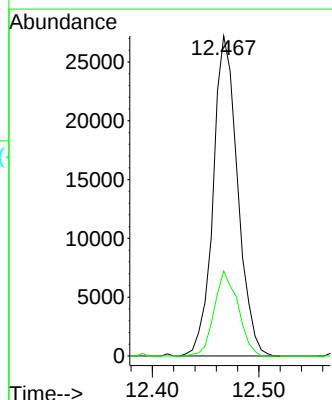
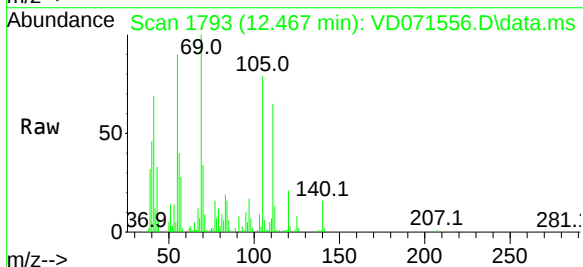
Instrument :
MSVOA_D
ClientSampleId :
BU-03-122921

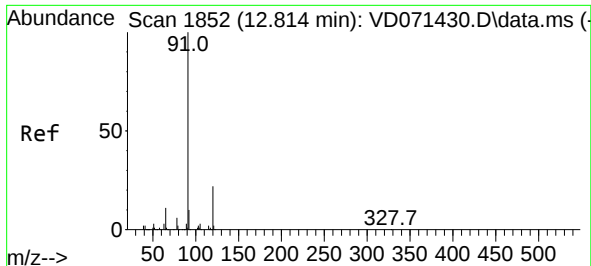
Tgt Ion:152 Resp: 305508
Ion Ratio Lower Upper
152 100
115 66.0 29.8 89.3
150 155.6 0.0 349.2



#73
Isopropylbenzene
Concen: 1.843 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD071556.D
Acq: 30 Dec 2021 18:31

Tgt Ion:105 Resp: 43399
Ion Ratio Lower Upper
105 100
120 25.7 13.2 39.5

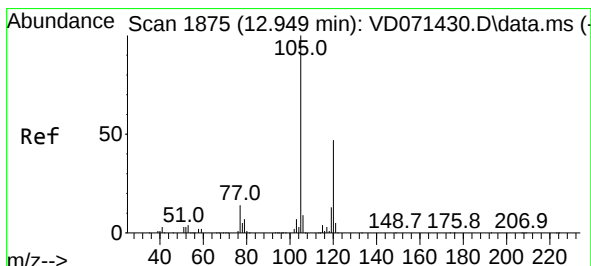
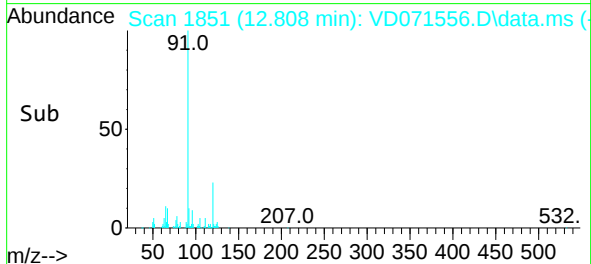
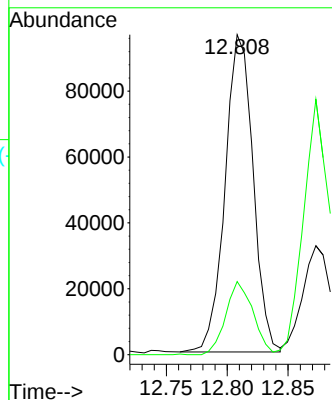
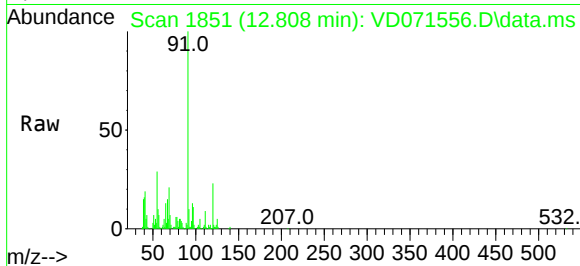




#78
n-propylbenzene
Concen: 5.222 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD071556.D
Acq: 30 Dec 2021 18:31

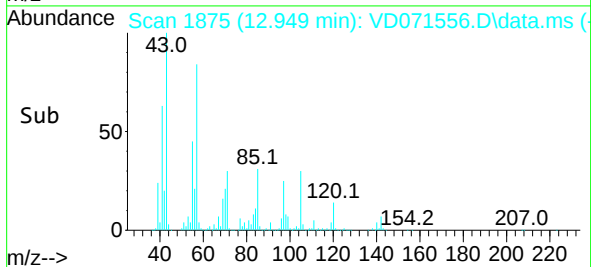
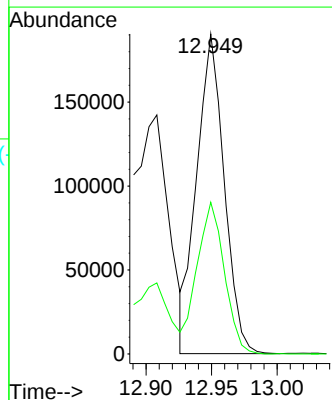
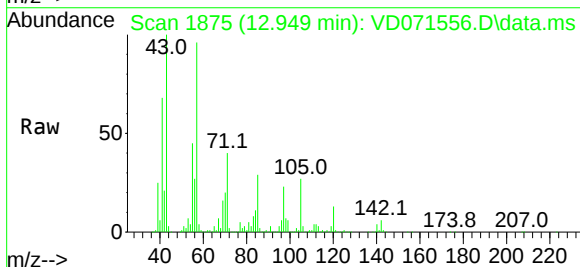
Instrument :
MSVOA_D
ClientSampleId :
BU-03-122921

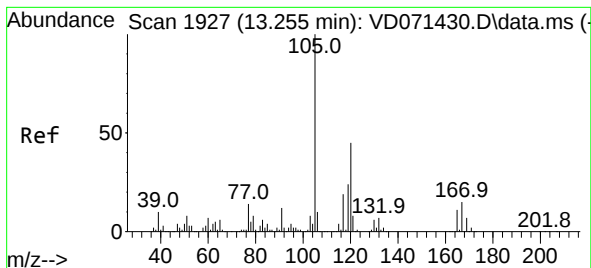
Tgt Ion: 91 Resp: 154167
Ion Ratio Lower Upper
91 100
120 22.4 10.9 32.9



#80
1,3,5-Trimethylbenzene
Concen: 14.290 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD071556.D
Acq: 30 Dec 2021 18:31

Tgt Ion: 105 Resp: 277614
Ion Ratio Lower Upper
105 100
120 47.4 24.6 73.8





#84

1,2,4-Trimethylbenzene

Concen: 30.772 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. -0.006 min

Lab File: VD071556.D

Acq: 30 Dec 2021 18:31

Instrument :

MSVOA_D

ClientSampleId :

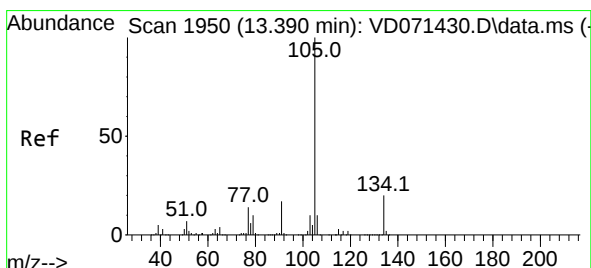
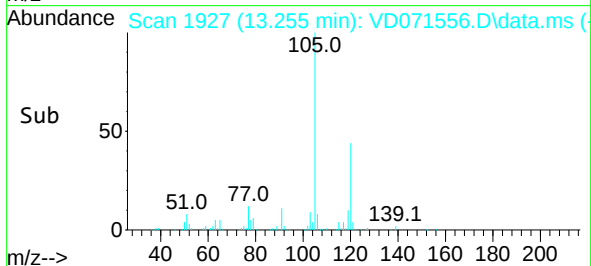
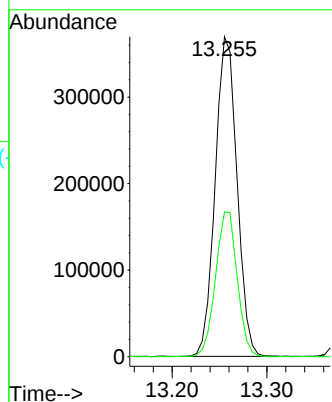
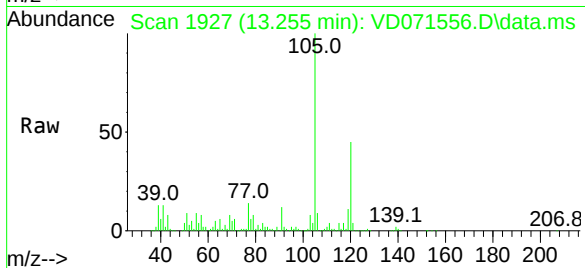
BU-03-122921

Tgt Ion:105 Resp: 591673

Ion Ratio Lower Upper

105 100

120 45.2 22.9 68.7



#85

sec-Butylbenzene

Concen: 5.749 ug/l

RT: 13.390 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VD071556.D

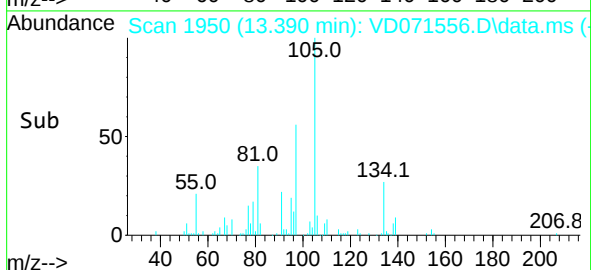
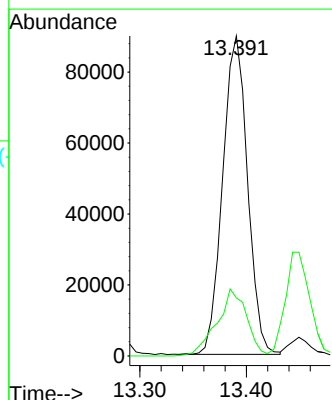
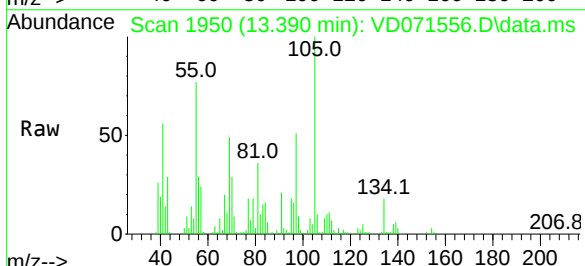
Acq: 30 Dec 2021 18:31

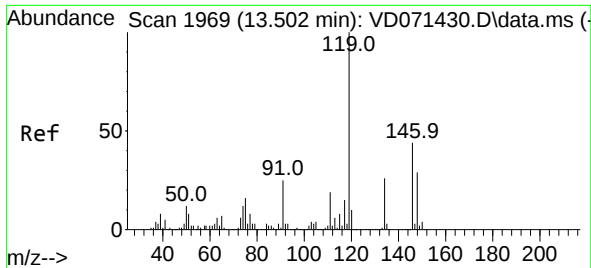
Tgt Ion:105 Resp: 145492

Ion Ratio Lower Upper

105 100

134 25.1 9.7 28.9





#86
 p-Isopropyltoluene
 Concen: 4.513 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD071556.D
 Acq: 30 Dec 2021 18:31

Instrument :
 MSVOA_D
 ClientSampleId :
 BU-03-122921

Tgt Ion:	119	Resp:	94775
Ion	Ratio	Lower	Upper
119	100		
134	25.7	13.0	38.9
91	25.5	11.4	34.2

