

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011722\
 Data File : VN070646.D
 Acq On : 17 Jan 2022 15:38
 Operator : JC/MD
 Sample : N1143-01ME
 Misc : 5.06g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WEST-BOILER-ROOM-SOUTH-SIDEWALLME

Quant Time: Jan 17 17:05:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

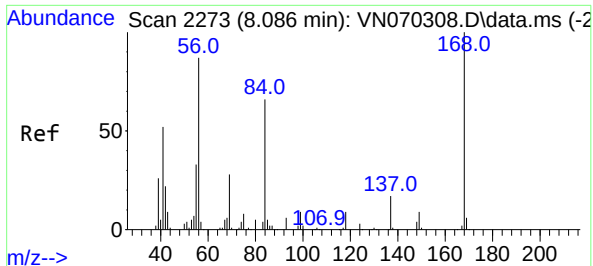
Internal Standards						
1) Pentafluorobenzene	8.080	168	1189602	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1980642	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	1611345	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	726964	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	895074	52.331	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.660%	
35) Dibromofluoromethane	8.016	113	614779	51.301	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 102.600%	
50) Toluene-d8	10.441	98	2491087	50.885	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 101.760%	
62) 4-Bromofluorobenzene	12.731	95	1020009	57.687	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 115.380%	
Target Compounds						
					Qvalue	
25) 2-Butanone	7.348	43	150965	10.798	ug/l	90
68) m/p-Xylenes	11.950	106	33638	1.475	ug/l	81
73) Isopropylbenzene	12.578	105	85087	1.260	ug/l	97
78) n-propylbenzene	12.919	91	374115	5.002	ug/l	95
80) 1,3,5-Trimethylbenzene	13.058	105	1219681	22.545	ug/l	97
83) tert-Butylbenzene	13.324	119	87310	1.833	ug/l	96
84) 1,2,4-Trimethylbenzene	13.367	105	2906353	55.791	ug/l	98
85) sec-Butylbenzene	13.501	105	395087	6.109	ug/l #	65
86) p-Isopropyltoluene	13.613	119	402055	7.914	ug/l	97
89) n-Butylbenzene	13.940	91	270909	6.393	ug/l #	73
95) Naphthalene	15.507	128	89641	4.406	ug/l	99

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

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WEST-BOILER-ROOM-SOUTH-SIDEWALLME

Chromatogram plot showing Abundance vs Time (min). The y-axis ranges from 0 to 1.7e+07. The x-axis ranges from 2.00 to 16.00. Numerous peaks are labeled with chemical names and their corresponding retention times.

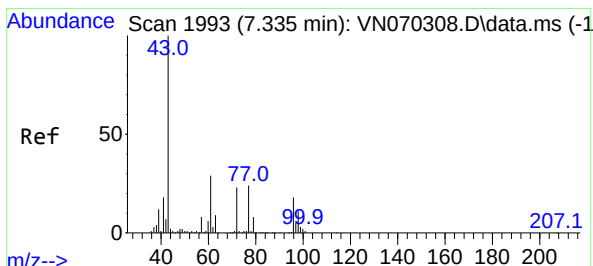
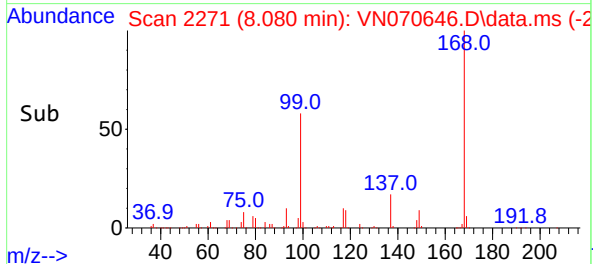
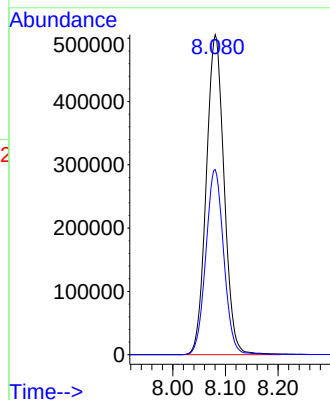
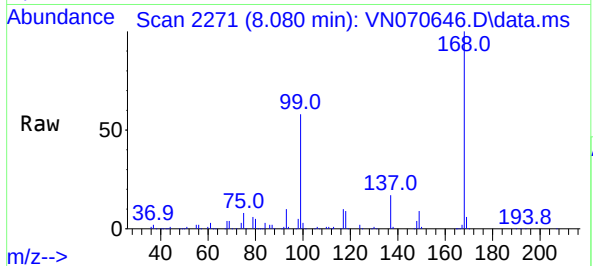
Retention Time (min)	Chemical Name
2.00	2-Butanone, T
8.00	Dibromodifluoromethane, I
8.50	1,2-Dichloroethane-d4, S
9.00	1,4-Difluorobenzene, I
10.50	Toluene-d8, S
11.50	Chlorobenzene-d5, I
11.80	m/p-Xylenes, T
12.50	Isopropylbenzene, T
12.80	n-Propylbenzene, T
13.00	4-Bromodifluorobenzene, S
13.20	1,3,5-Trimethylbenzene, T
13.50	1,2,4-Trimethylbenzene, T
13.80	1,4-Dichlorobenzene-d4, I
14.00	n-Butylbenzene, T
14.50	Naphthalene, T



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN070646.D
Acq: 17 Jan 2022 15:38

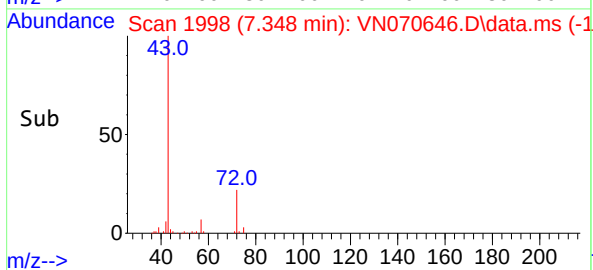
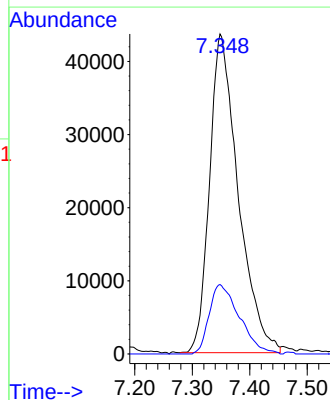
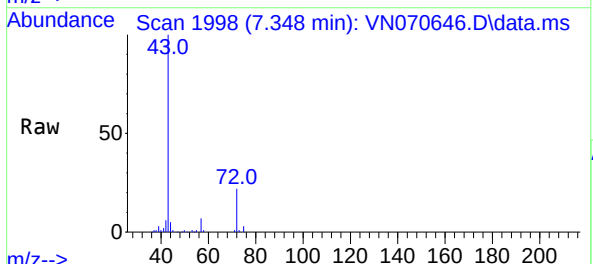
Instrument :
MSVOA_N
ClientSampleId :
WEST-BOILER-ROOM-SOUTH-SIDEWALLME

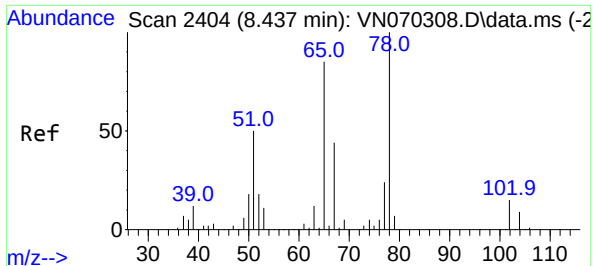
Tgt Ion:168 Resp: 1189602
Ion Ratio Lower Upper
168 100
99 57.8 41.3 61.9



#25
2-Butanone
Concen: 10.798 ug/l
RT: 7.348 min Scan# 1998
Delta R.T. 0.013 min
Lab File: VN070646.D
Acq: 17 Jan 2022 15:38

Tgt Ion: 43 Resp: 150965
Ion Ratio Lower Upper
43 100
72 21.8 21.7 32.5





#33

1,2-Dichloroethane-d4

Concen: 52.331 ug/l

RT: 8.434 min Scan# 2404

Delta R.T. -0.003 min

Lab File: VN070646.D

Acq: 17 Jan 2022 15:38

Instrument :

MSVOA_N

ClientSampleId :

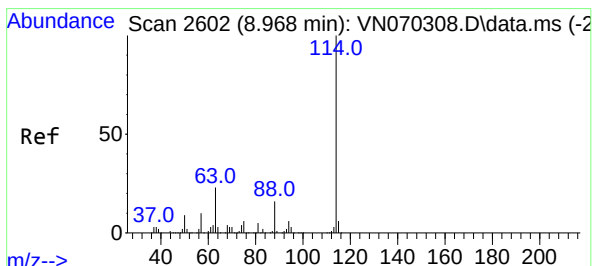
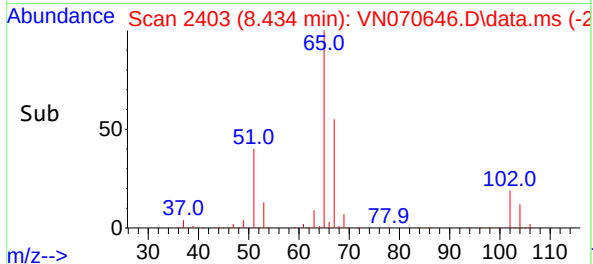
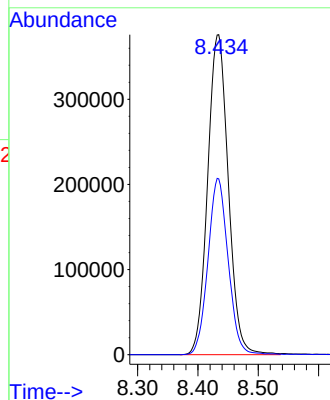
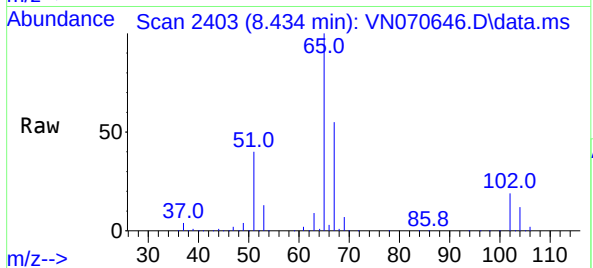
WEST-BOILER-ROOM-SOUTH-SIDEWALLME

Tgt Ion: 65 Resp: 895074

Ion Ratio Lower Upper

65 100

67 53.8 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN070646.D

Acq: 17 Jan 2022 15:38

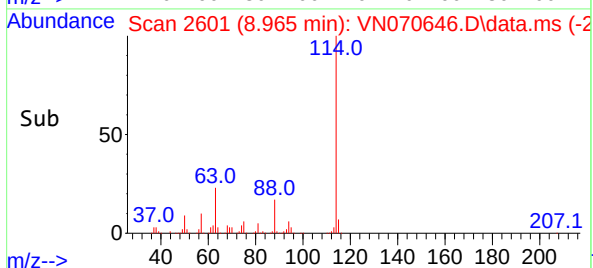
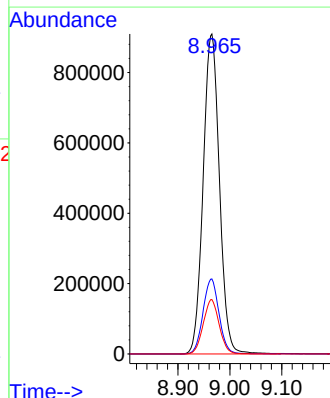
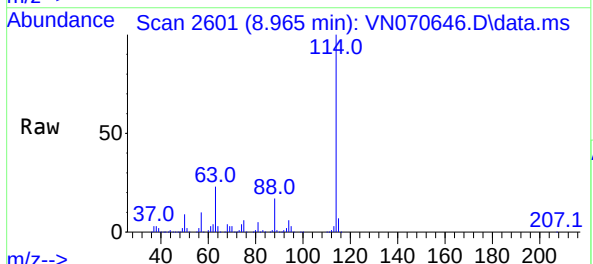
Tgt Ion: 114 Resp: 1980642

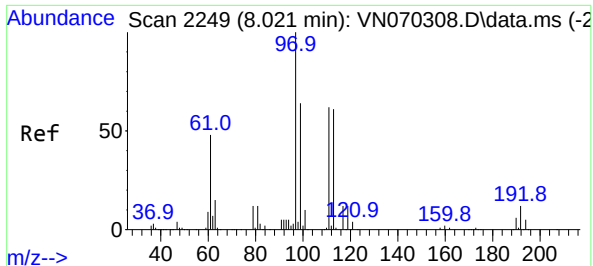
Ion Ratio Lower Upper

114 100

63 23.5 0.0 37.8

88 17.0 0.0 27.4

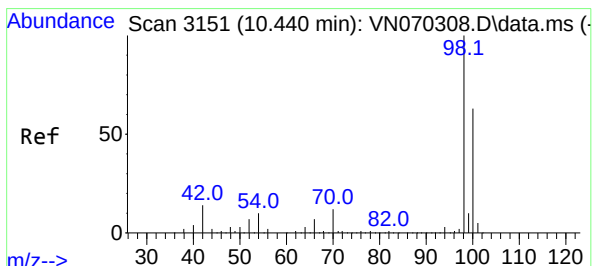
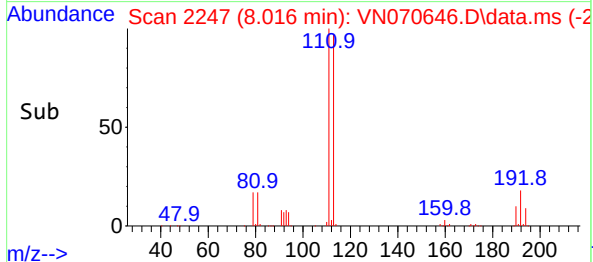
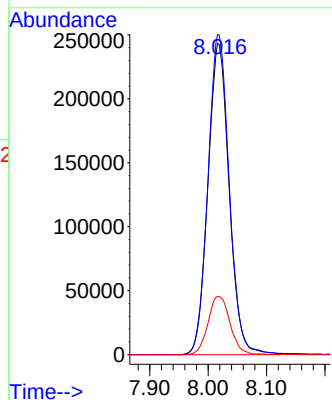
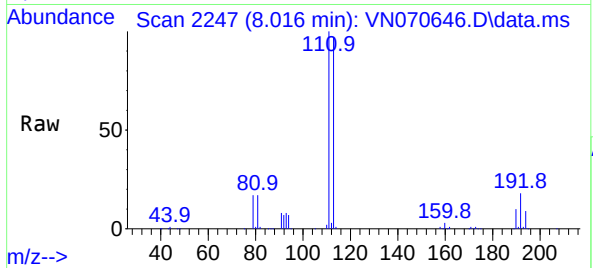




#35
Dibromofluoromethane
Concen: 51.301 ug/l
RT: 8.016 min Scan# 2113
Delta R.T. -0.005 min
Lab File: VN070646.D
Acq: 17 Jan 2022 15:38

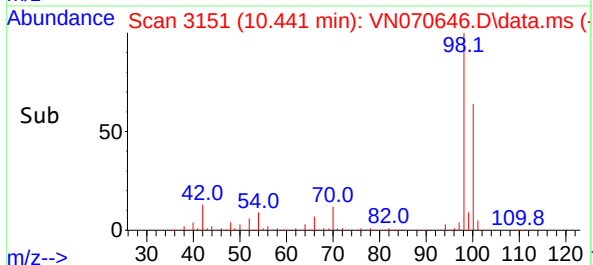
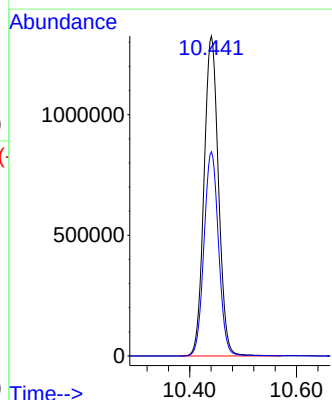
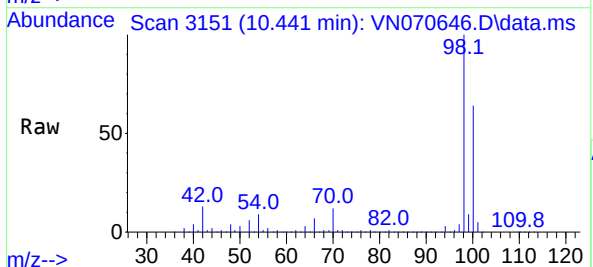
Instrument : MSVOA_N
ClientSampleId : WEST-BOILER-ROOM-SOUTH-SIDEWALLME

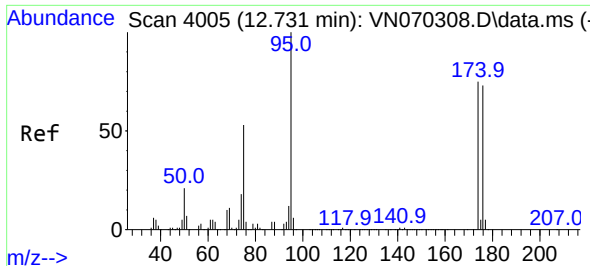
Tgt Ion:113 Resp: 614779
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 19.4 16.9 25.3



#50
Toluene-d8
Concen: 50.885 ug/l
RT: 10.441 min Scan# 3151
Delta R.T. 0.001 min
Lab File: VN070646.D
Acq: 17 Jan 2022 15:38

Tgt Ion: 98 Resp: 2491087
Ion Ratio Lower Upper
98 100
100 64.2 50.4 75.6

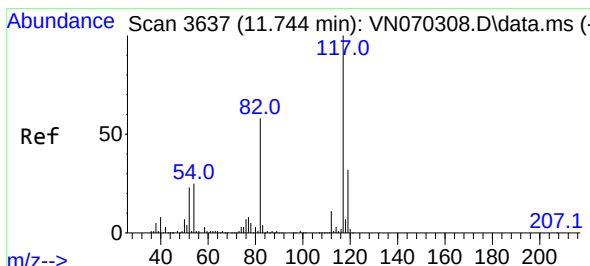
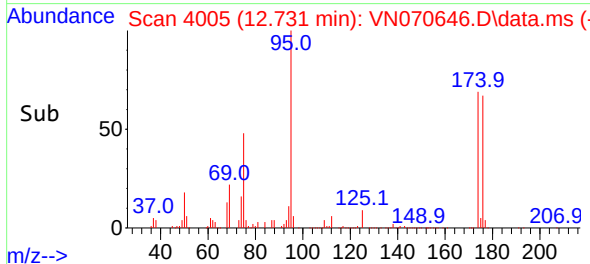
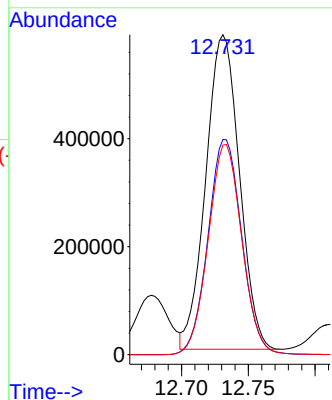
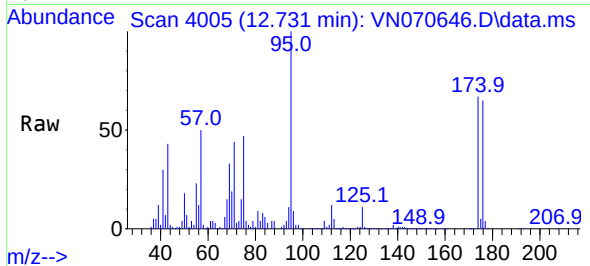




#62
4-Bromofluorobenzene
Concen: 57.687 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070646.D
Acq: 17 Jan 2022 15:38

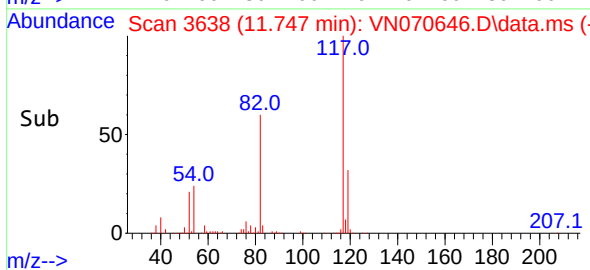
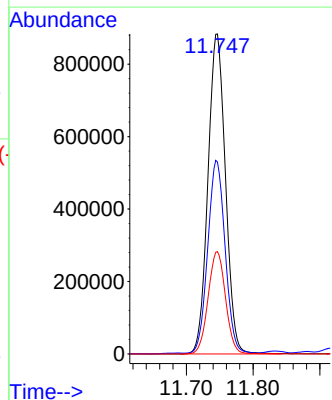
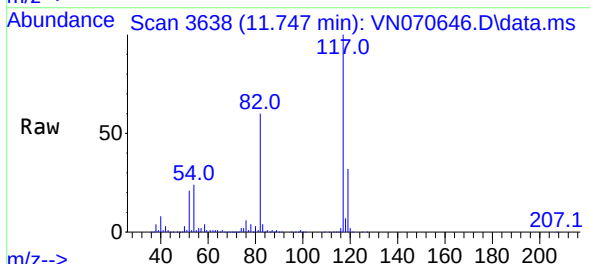
Instrument : MSVOA_N
ClientSampleId : WEST-BOILER-ROOM-SOUTH-SIDEWALLME

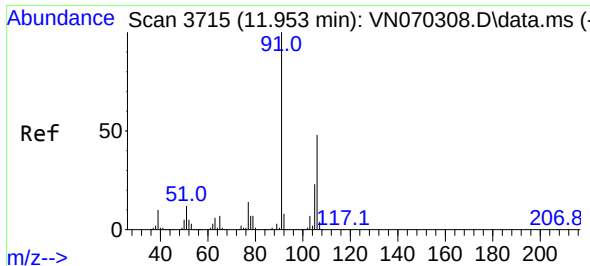
Tgt Ion: 95 Resp: 1020009
Ion Ratio Lower Upper
95 100
174 68.9 0.0 187.2
176 66.9 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.747 min Scan# 3638
Delta R.T. 0.003 min
Lab File: VN070646.D
Acq: 17 Jan 2022 15:38

Tgt Ion: 117 Resp: 1611345
Ion Ratio Lower Upper
117 100
82 59.7 42.4 63.6
119 32.0 25.4 38.2

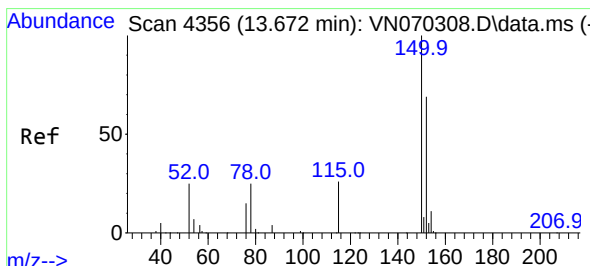
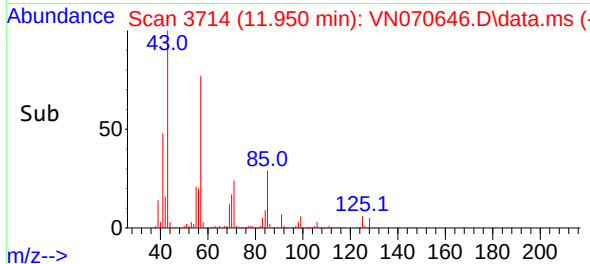
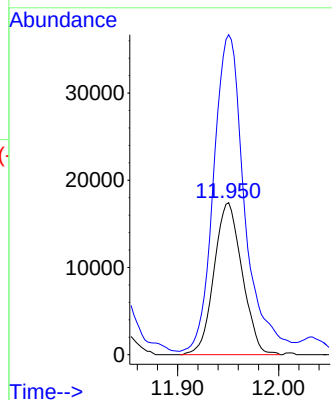
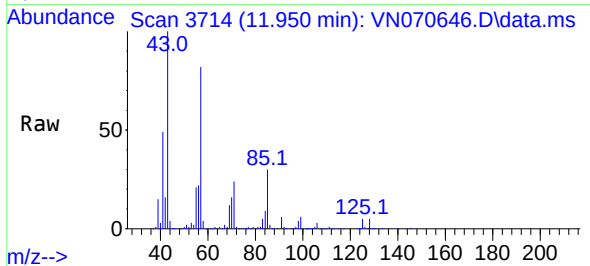




#68
m/p-Xylenes
Concen: 1.475 ug/l
RT: 11.950 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070646.D
Acq: 17 Jan 2022 15:38

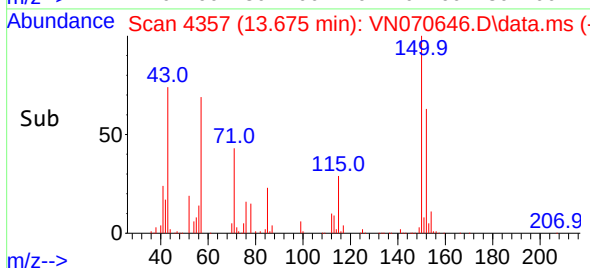
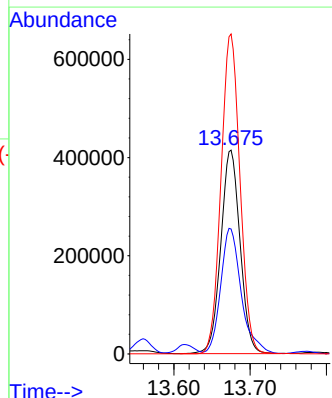
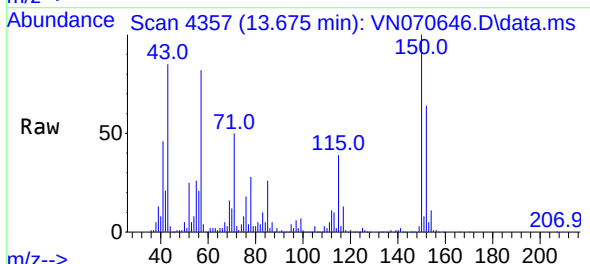
Instrument :
MSVOA_N
ClientSampleId :
WEST-BOILER-ROOM-SOUTH-SIDEWALLME

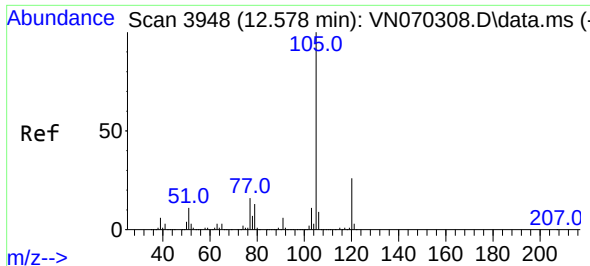
Tgt Ion:106 Resp: 33638
Ion Ratio Lower Upper
106 100
91 228.9 160.6 240.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. 0.003 min
Lab File: VN070646.D
Acq: 17 Jan 2022 15:38

Tgt Ion:152 Resp: 726964
Ion Ratio Lower Upper
152 100
115 65.9 27.5 82.5
150 154.8 0.0 344.4

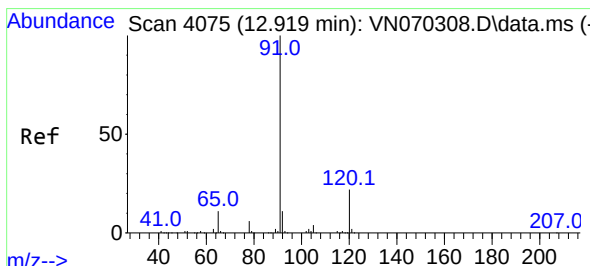
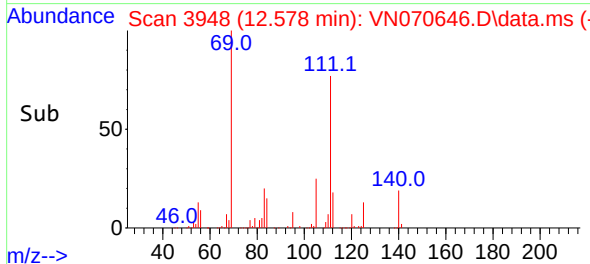
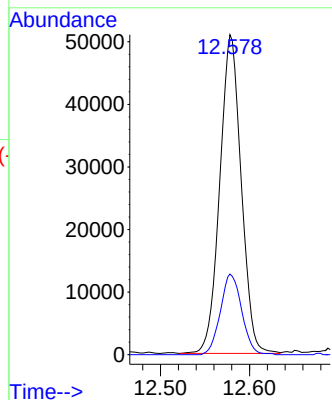
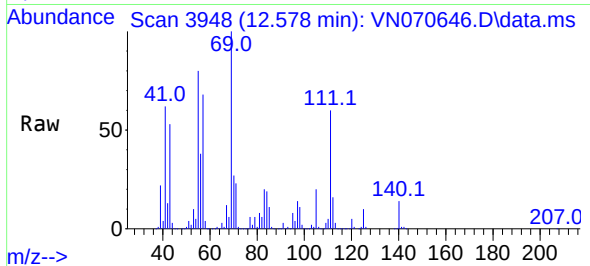




#73
Isopropylbenzene
Concen: 1.260 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. 0.000 min
Lab File: VN070646.D
Acq: 17 Jan 2022 15:38

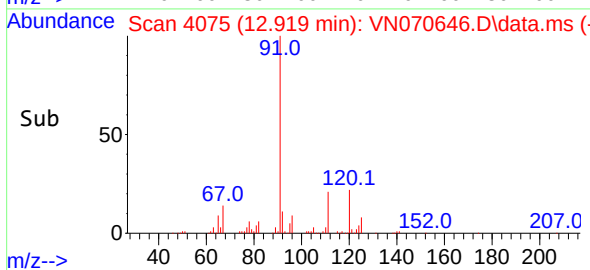
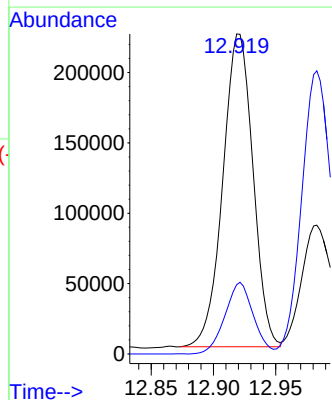
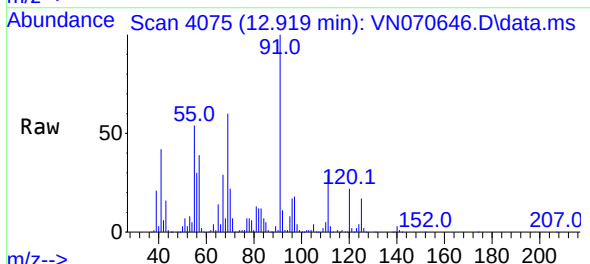
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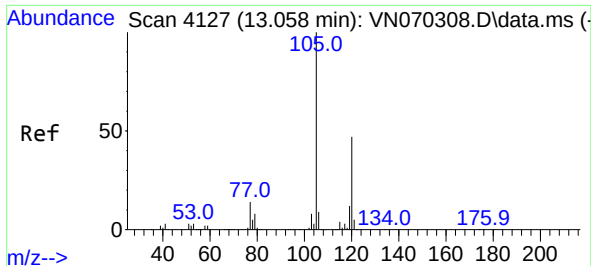
Tgt Ion:105 Resp: 85087
Ion Ratio Lower Upper
105 100
120 25.2 13.4 40.1



#78
n-propylbenzene
Concen: 5.002 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070646.D
Acq: 17 Jan 2022 15:38

Tgt Ion: 91 Resp: 374115
Ion Ratio Lower Upper
91 100
120 21.5 11.9 35.9

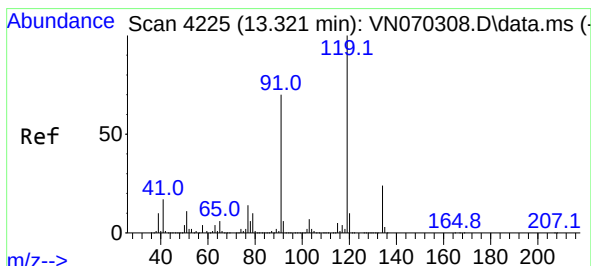
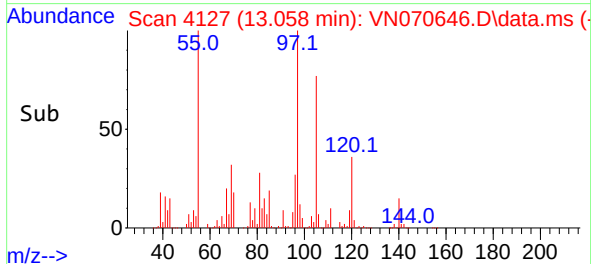
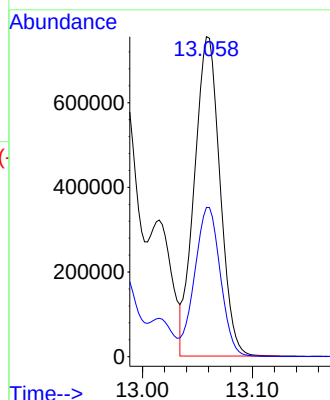
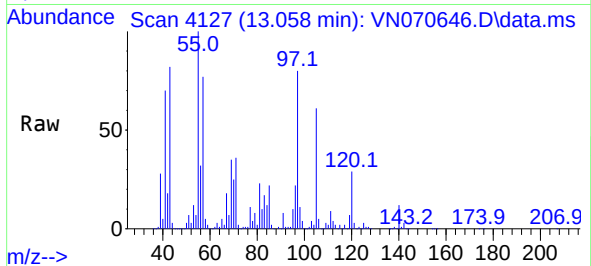




#80
1,3,5-Trimethylbenzene
Concen: 22.545 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. 0.000 min
Lab File: VN070646.D
Acq: 17 Jan 2022 15:38

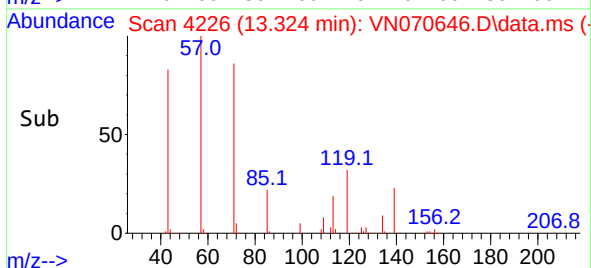
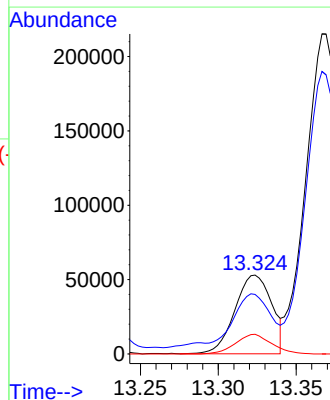
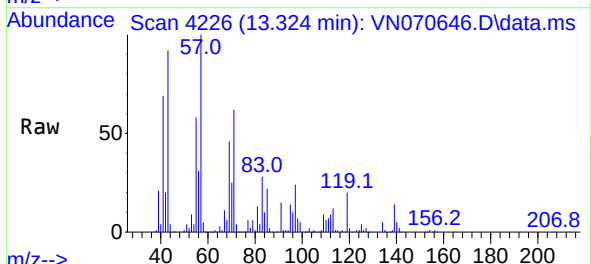
Instrument :
MSVOA_N
ClientSampleId :
WEST-BOILER-ROOM-SOUTH-SIDEWALLME

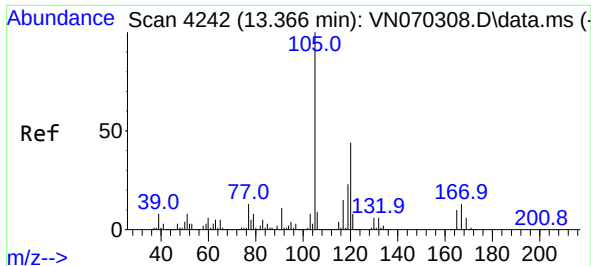
Tgt Ion:105 Resp: 1219681
Ion Ratio Lower Upper
105 100
120 47.4 24.6 73.6



#83
tert-Butylbenzene
Concen: 1.833 ug/l
RT: 13.324 min Scan# 4226
Delta R.T. 0.003 min
Lab File: VN070646.D
Acq: 17 Jan 2022 15:38

Tgt Ion:119 Resp: 87310
Ion Ratio Lower Upper
119 100
91 59.0 31.5 94.5
134 24.3 12.4 37.4

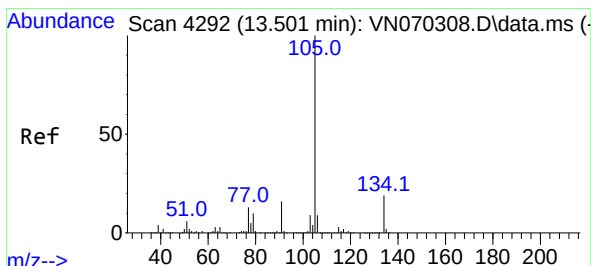
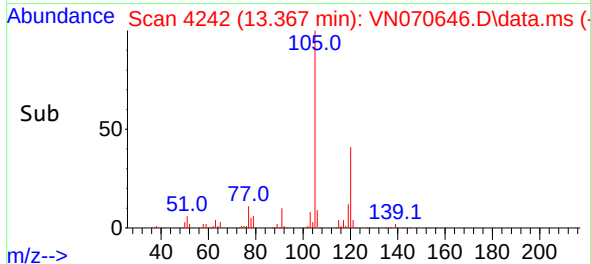
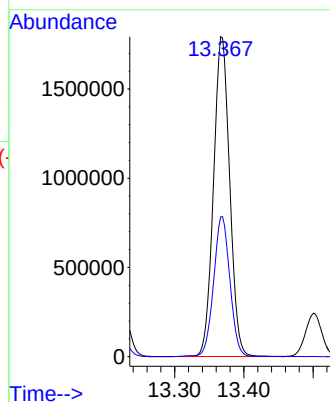
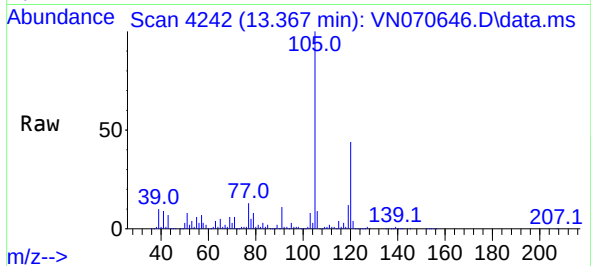




#84
1,2,4-Trimethylbenzene
Concen: 55.791 ug/l
RT: 13.367 min Scan# 41
Delta R.T. 0.001 min
Lab File: VN070646.D
Acq: 17 Jan 2022 15:38

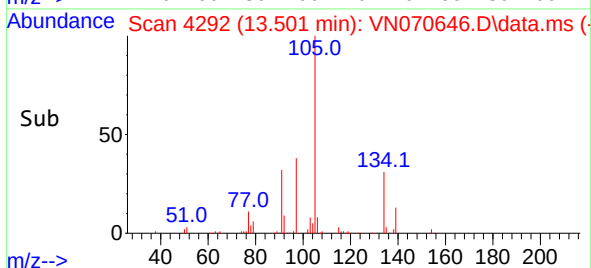
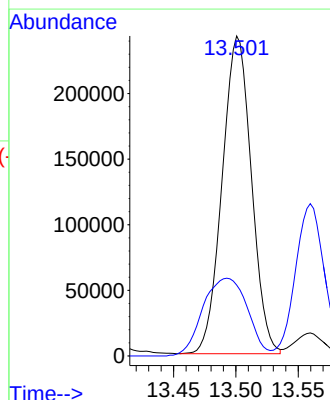
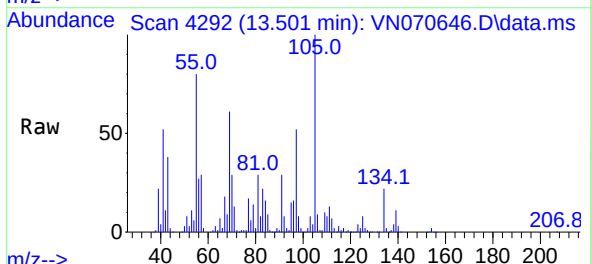
Instrument :
MSVOA_N
ClientSampleId :
WEST-BOILER-ROOM-SOUTH-SIDEWALLME

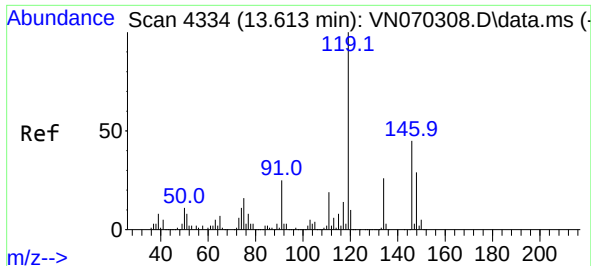
Tgt Ion:105 Resp: 2906353
Ion Ratio Lower Upper
105 100
120 44.2 22.8 68.4



#85
sec-Butylbenzene
Concen: 6.109 ug/l
RT: 13.501 min Scan# 4292
Delta R.T. -0.000 min
Lab File: VN070646.D
Acq: 17 Jan 2022 15:38

Tgt Ion:105 Resp: 395087
Ion Ratio Lower Upper
105 100
134 37.2 10.4 31.1#

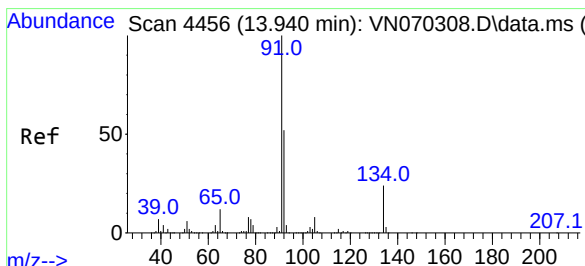
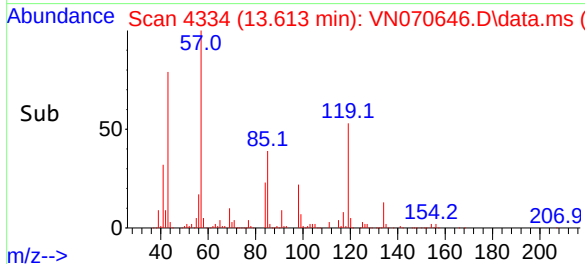
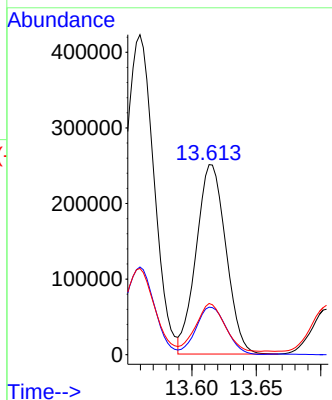
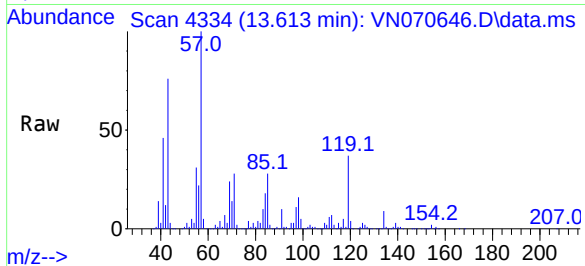




#86
p-Isopropyltoluene
Concen: 7.914 ug/l
RT: 13.613 min Scan# 4334
Delta R.T. 0.000 min
Lab File: VN070646.D
Acq: 17 Jan 2022 15:38

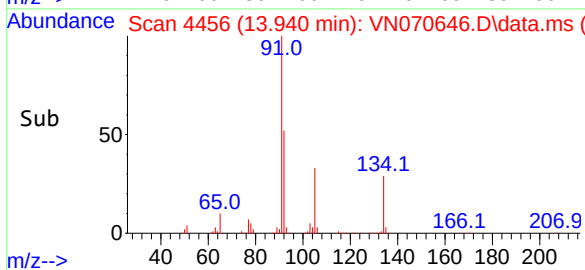
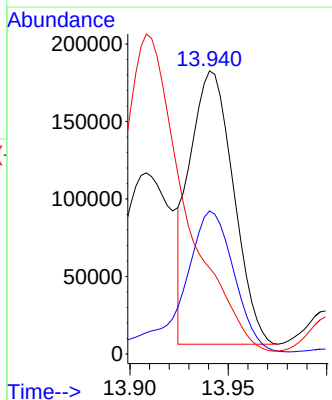
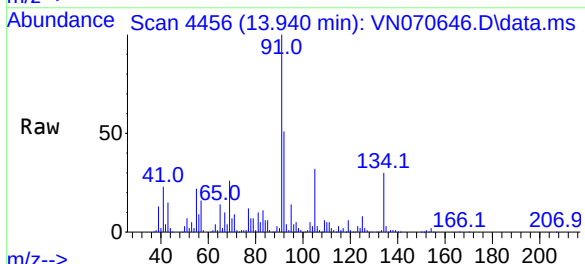
Instrument : MSVOA_N
ClientSampleId : WEST-BOILER-ROOM-SOUTH-SIDEWALLME

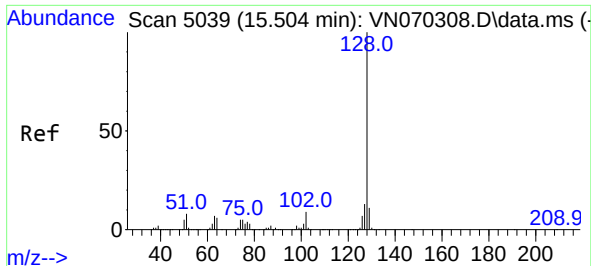
Tgt Ion:119 Resp: 402055
Ion Ratio Lower Upper
119 100
134 25.3 13.6 40.7
91 24.1 11.4 34.1



#89
n-Butylbenzene
Concen: 6.393 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. 0.000 min
Lab File: VN070646.D
Acq: 17 Jan 2022 15:38

Tgt Ion: 91 Resp: 270909
Ion Ratio Lower Upper
91 100
92 60.3 25.4 76.0
134 0.0 13.6 40.8#





#95
Naphthalene
Concen: 4.406 ug/l
RT: 15.507 min Scan# 50
Delta R.T. 0.003 min
Lab File: VN070646.D
Acq: 17 Jan 2022 15:38

Instrument :
MSVOA_N
ClientSampleId :
WEST-BOILER-ROOM-SOUTH-SIDEWALLME

Tgt Ion:128 Resp: 89641
Ion Ratio Lower Upper
128 100
127 14.1 10.5 15.7
129 10.9 8.7 13.1

